



9/11/2019
Oasis Midstream
1001 Fannin St., Suite 1500
Houston, TX 77002



Allen C. Beshore - Director, Central Region
Office of Pipeline Safety, PHMSA
901 Locust St., Suite 462
Kansas City, MO 64106-2641

**RE: Notice of Probable Violation and Proposed Civil Penalty and Proposed Compliance Order
CPF 3-2019-5020
Oasis Midstream Partners, LLC.**

Dear Mr. Beshore:

Oasis Midstream Partners (Oasis) met with inspectors from the Pipeline and Hazardous Materials Safety Administration's (PHMSA) Central Region in 2018 for inspection of Oasis' pipeline safety procedures and records. Subsequently, Oasis received the above referenced Notice of Probable Violation (NOPV), Proposed Civil Penalties (PCPs) and Proposed Compliance Orders (PCOs) dated June 17, 2019 and received on June 20, 2019. On July 5, 2019 Oasis requested a time extension in responding to the NOPV. Oasis was granted an extension to respond by September 11, 2019; accordingly, this letter constitutes Oasis' timely response to the alleged violations (Response).

Pursuant to 49 CFR §190.208(c) and 190.209, Oasis requests all materials in the case file, including but not limited to:

- The Pipeline Safety Violation Report; and
- A detailed proposed civil penalty calculation worksheet

Oasis reserves the right to supplement this Response based on the contents of the requested items.

This Response is submitted under 49 CFR §190.208(a)(2-3) and 49 CFR §190.208(b)(3). Oasis respectfully submits information and explanations for Items One, Four, Five and Seven for review. In addition, Oasis contests, in part, Item Six by submitting written explanations without the request for a hearing. Finally, in regards to the PCO, Oasis contests, in part, Item Three by submitting written explanations without the request for a hearing. Upon PHMSA's review, Oasis respectfully requests the Administration consider revising, reducing or eliminating the PCPs and PCO for each Item addressed herein.

Item One:

§194.107 General response plan requirements

(a)....

(c) Each response plan must include:

(1) A core plan consisting of-

(ix) Drill program-an operator will satisfy the requirement for a drill program by following the National Preparedness for Response Exercise Program (PREP) guidelines. An operator choosing not to follow PREP guidelines must have a drill program that is equivalent to PREP. The operator

must describe the drill program in the response plan and OPS will determine if the program is equivalent to PREP.

Oasis failed to follow the National Preparedness for Response Exercise Program (PREP) guidelines. Specifically, Oasis did not perform all required PREP drills within a 3-year period as required by the PREP guidelines or a drill program that is equivalent to PREP. Johnson's Corner Unit had five missing PREP drill activities. Oasis personnel indicated that they had not performed all the required PREP drills shown in the table below.

Johnson's Corner - Start-Up on 10/10/2016.				
Type	Required in 3 years	Oct. 2016	2017	2018
QI	12	Missing 1	Missing 3	
Table Top	3	NA	✓	
Unannounced	3	NA	Missing 1	
Equipment	3	NA	✓	
Triennial	1	NA	NA	

Oasis Response to Item One:

Oasis is committed to public safety, protecting the environment, and operating its facilities safely. Oasis takes all PHMSA allegations of violation seriously, and endeavors to conduct its PREP program for all facilities in full compliance of PREP guidelines. Although Oasis acknowledges that it did not meet all of its PREP Drill requirements at the start of Johnson's Corner (JC) pipeline facility, Oasis is providing information and explanations it believes should be considered by the Administration for the purpose of reducing or eliminating the PCP for the alleged violation:

- PHMSA states Oasis personnel indicated that they had not performed all the required PREP Drills in 2016 and 2017 is inaccurate. Oasis has actively drilled to its response plans since 2014. In addition, missing PREP documentation in 2017 was the primary result of administrative processes that improved year over year by:
 - Proactively implementing new administrative processes and investing resources to facilitate programmatic change throughout Oasis' global structure.
 - Increasing training frequency to build upon Oasis' EHS management system.
 - Partnering with multiple external resources that provides additional support for training and incident management.
- A compliance matrix and other supporting documentation is provided under **Appendix One**. This documentation shows chronological improvement in both drill frequency and administrative process.
- Beginning in 2016, Oasis shifted away from static, stand-alone response plans to a cloud-based Emergency Response Plan Management System, TRP SMARTPLAN. The cloud-based system facilitates better plan administration for multiple business units. Training to the response plans is a major component of almost every drill conducted. Oasis is providing information under **Appendix One** that demonstrates this good faith effort.
- Oasis added an Incident/Exercise module for the above platform in 2018, TRP SMARTRESPONSE. This management solution facilitates PREP Drill compliance along with other emergency response training, including exercises for personnel on:
 - Using the system to aid in the management of an actual incident
 - Identifying, classifying and proper notifications and response to an incident, and

- Working within an online Incident Management System
- Oasis logged more than 81 hours of PREP drills and other emergency response training in 2018 which included;
 - Five QI notification drills
 - Three Emergency Procedure/Equipment deployment drills, one unannounced
 - Three Table Top exercises
 - Three ICS 100, 200, and 300 courses, and
 - One Crisis Management Exercise
- As of September 12, 2019 Oasis has logged 74 hours of PREP Drills and other emergency response training which includes
 - Three QI notification drills
 - Three Emergency Procedure/Equipment Deployment drills, one unannounced
 - Two Table Top exercises
 - One, Worse Case Scenario (09/12/2019)
 - One, Corporate Crisis Management (Planned-11/08/2019)
 - Four Emergency Response Plan User exercises

Oasis is dedicated to fully implementing its emergency response program as an integral component the overall EHS management system. While the above list is not all-inclusive of Oasis' efforts, it demonstrates the ongoing and comprehensive nature of Oasis' adoption, implementation, and ongoing improvement of its emergency response program. In addition, the provided information demonstrates Oasis consistently trains to its plans and was proactively improving its PREP Drill frequency and administrative processes prior to the 2018 inspection. Further, Oasis acknowledged deficiencies identified during the subject inspection and took steps in real time, demonstrating its collaborative, open approach with PHMSA. Finally, the provided information effectively demonstrates that administrative process was the primary issue and not a failure to properly train its personnel.

Without conceding the underlying alleged violation, Oasis respectfully requests PHMSA eliminate or reduce the PCP even if PHMSA ultimately determines that there is a violation warranting enforcement. In the alternative, PHMSA should reduce the amount of the PCP in accordance with Oasis' efforts and assign an appropriate penalty credit under Good Faith. Notwithstanding the above, Oasis will continue its commitment to the improvement of its emergency response program as part of its overall EHS management system.

Item Three:

§195.403 Emergency Response Training.

(a) Each operator shall establish and conduct a continuing training program to instruct emergency response personnel to:

(1) Carry out the emergency procedures established under 195.402 that relate to their assignments;

(5) Learn the potential causes, types, sizes, and consequences of fire and the appropriate use of portable fire extinguishers and other on-site fire control equipment, involving, where feasible, a simulated pipeline emergency condition.

Oasis failed to establish and conduct a continuing training program to instruct emergency response personnel to carry out the emergency procedures established under 195.402 that relate to their assignments. Specifically, Oasis records indicated that 39 individuals had training from 2016 to 2018, but the training did not comply with §195.403(a)(1) and (a)(5).

Paragraph 195.402(e)(1), as provided by §195.403(a)(1), requires that an operator's manual of written procedures for handling emergencies must include procedures for "[r]eceiving, identifying, and classifying notices of events which need immediate response by the operator or notice to fire, police, or other appropriate public officials and communicating this information to appropriate operator personnel for corrective action."

Additionally, Oasis' training program failed to instruct, as provided by § 195.403(a)(5), emergency response personnel to learn the potential causes, types, sizes, and consequences of fire and the appropriate use of portable fire extinguishers and other on-site fire control equipment, involving, where feasible, a simulated pipeline emergency condition.

In reviewing Oasis' McKenzie County Emergency Response Program (ERP), the PHMSA Inspector noted the training did not: 1) Address the receiving, identifying, and classifying notices of events which need immediate response by the operator. 2) Address the potential causes, types, sizes and consequences of fire and the appropriate use of portable fire extinguishers.

Oasis Response to Item Three:

Oasis is committed to public safety, protecting the environment, and operating its facilities safely. Oasis takes all PHMSA allegations of violation seriously, and endeavors to conduct its training program in full compliance of all applicable safety regulations. Although Oasis acknowledges that it did not meet all of its operator personnel training requirements at the start of the JC pipeline facility, Oasis is providing information and explanations it believes should be considered by the Administration for the purpose of revising or eliminating the PCO for the alleged violation:

- Oasis provides new personnel, as well as annual, training to all OMS field personnel as part of its EHS management system. Overall, Oasis training goes beyond the requirements listed in §195.403(a)(5) and includes but is not limited to:
 - HAZARD RECOGNITION
 - H2S
 - 1st AID/CPR
 - HAZWOPER, HAZARD ID, LOTO
 - FIRE PREVENTION, PPE, RESPIRATORY PROTECTION
- This training addresses PHMSA's second underlying issue. Oasis is providing information that includes compliance tracking and sample material for 2017 and 2018 under **Appendix Three**.
- In 2018, Oasis added online module training for many of the classes listed above as well as expanding into other safety and emergency response related topics. Oasis is providing information that includes compliance tracking of each module under.
- Pursuant to PHMSA recommendations, Oasis revised its program to address the underlying issues for Item Three. In addition, ERP Training conducted in 2018 included specific training on receiving, identifying and classifying incidents according to its plans. Fire protection was addressed through the existing EHS management system as well as emergency response training.
- Although Oasis conducted the training above to satisfy its 2019 requirements, it is currently working on improving its training program as part of its EHS management system. This will facilitate Oasis' primary objective to incident response: universal action, regardless of event. Implementation will start in 2020.

As the information and explanations demonstrate, Oasis has comprehensive safety and response training in place. While the above list is not all-inclusive of Oasis' efforts to address this issue, it

demonstrates the ongoing and comprehensive nature of its adoption, implementation, and ongoing improvement of its EHS management system. In addition, Oasis acknowledged deficiencies identified during the 2018 inspection in real time, demonstrating its collaborative, open approach with PHMSA. Therefore, Oasis suggests the PCO does not provide the greatest safety benefit to the continual improvement of its' training efforts.

Without conceding the underlying alleged violation, Oasis respectfully request PHMSA eliminate the PCO even if PHMSA ultimately determines that there is a violation in part. Specifically, Oasis requests PHMSA consider the relevant facts and withdraw or convert the subject item to a Warning Letter or Notice of Amendment. Notwithstanding the above, Oasis will continue its commitment to providing personnel the highest level of safety and response training.

Item Four:

\$195.420 Valve maintenance.

(a)....

(b) Each operator shall, at intervals not exceeding 7 1/2 months, but at least twice each calendar year, inspect each mainline valve to determine that it is functioning properly.

Oasis failed to inspect each mainline valve to determine that it functioned properly at intervals not exceeding 7- 1/2 months, but at least twice each calendar year. The Johnson's Comer line went into service on 10/10/2016 and the first valve inspection was completed on 3/3/2018. Oasis stated to PHMSA that no valve inspections occurred during that period. There were 2 inspection cycles missed for 4 valves for a total of 8 valve inspections that were not performed.

Oasis Response to Item Four:

Oasis is committed to public safety, protecting the environment, and operating its facilities safely. Oasis takes all PHMSA allegations of violation seriously, and endeavors to conduct its operation and maintenance tasks in full compliance of all applicable safety regulations. Although Oasis acknowledges that it did not meet frequency requirements for valve inspections at the start of the JC pipeline facility, Oasis is providing information and explanations it believes should be considered by the Administration for the purpose of reducing or eliminating the PCP for the alleged violation:

- Valve inspections for preventative maintenance following the 2018 inspection are provided under **Appendix Four**. In addition, OQ records are provided for personnel performing the inspections.
- In May 2016, Oasis committed to the implementation of a cloud-based system for preventative maintenance and repairs, Infor by EAM. At the start of 2018, Oasis committed additional resources to develop this system to effectively address operations and maintenance task. This system, used effectively, greatly reduces risk, facilitates planning and information sharing, and improves administrative processes. Information supporting Oasis' good faith effort is included under **Appendix Four**.

Oasis is dedicated to the implementation of its preventative maintenance management system and conducting a comprehensive compliance schedule. While the above list is not all-inclusive of Oasis' efforts to address this issue, it demonstrates the ongoing and comprehensive nature of Oasis' adoption, implementation, and ongoing improvement of its EHS management system. In addition, the supporting documentation demonstrates Oasis was proactively improving its program prior to its 2018 inspection.

Finally, Oasis acknowledged deficiencies identified during the subject inspection in real time, demonstrating its collaborative, open approach with PHMSA.

Without conceding the underlying alleged violation, Oasis respectfully suggests that PHMSA should eliminate or reduce the PCP even if PHMSA ultimately determines that there is a violation warranting enforcement. In the alternative, PHMSA should reduce the amount of the PCP and assign an appropriate penalty credit under Good Faith. Notwithstanding the above, Oasis will continue its commitment to the improvement of its preventative maintenance program as part of its EHS safety management system.

Item Five:

§195.446 Control room management.

(a)....

(h) Training. Each operator must establish a controller training program and review the training program content to identify potential improvements at least once each calendar year, but at intervals not to exceed 15 months. An operator's program must provide for training each controller to carry out the roles and responsibilities defined by the operator. In addition, the training program must include the following elements:

(4) Training that will provide a controller a working knowledge of the pipeline system, especially during the development of abnormal operating conditions;

Oasis failed to establish a controller training program that provides its controllers a working knowledge of the pipeline system, especially during the development of abnormal operating conditions. An essential part of the working knowledge of the pipeline system includes knowledge of the safety related data points. Oasis had not developed a list of safety related data points. Five controllers attended the operator's control room management training. During the inspection, PHMSA interviewed a controller who stated that he had not seen a list of safety related points and was unaware of which points were safety related beyond MOP and high pressure.

Oasis Response to Item Five:

Oasis is committed to public safety, protecting the environment, and operating its pipeline facilities safely. Oasis takes all PHMSA allegations of violation seriously, and endeavors to operate its control room in full compliance with all applicable safety regulations. Oasis does not contest the alleged violation subject to the correction of relevant facts. Oasis provided lists of safety-related points, as well as revised procedures, related to the identification of safety-related points during the 2018 inspection. Oasis is providing information and explanations it believes should be considered by the Administration for the purpose of reducing or eliminating the PCP for the alleged violation:

- Oasis' defined roles and responsibilities for controllers as stated in Section 2.2 of its Control Room Management Plan (Plan), amended and approved by PHMSA, limits control of applicable safety-related points. In addition, controllers are qualified to perform those functions. Oasis also revised Section 7.2 of its Plan with detailed descriptions of the originally listed safety-related points. Oasis is providing information for PHMSA's review under **Appendix Five**.
- Provided information demonstrates safety-related points were identified prior to the time of inspection and that Oasis addressed the subject issue; identifying those points. In addition to changes made to its Control Room Management plan (Plan), a list was provided to the Administration on June 4, 2018 and again on October 1, 2018, and both were confirmed through email on October 20, 2018. Finally, Oasis made changes to its list, over this time period, to address additional revisions.

Oasis is dedicated to administering its Plan and maintaining a comprehensive training program for its controllers. While the above list is not all-inclusive of Oasis' efforts to address this issue, it demonstrates the ongoing and comprehensive nature of Oasis' adoption, implementation, and ongoing improvement of its EHS management system. In addition, the provided information demonstrates identified safety-related points were appropriate to the roles and responsibilities of its controllers. Finally, Oasis acknowledged deficiencies identified during the subject inspection in real time, demonstrating its collaborative, open approach with PHMSA.

Oasis requests an explanation of the PCP as it relates to the alleged violation. Oasis recognizes the statutory amounts that apply to violations, but the amount appears excessive where, if a deficiency exists, it is due to administrative changes associated with ongoing process improvements such as Oasis' implementation of its management systems. In addition, Oasis objects to the PCP as it appears inconsistent with PHMSA policy. Review of *PHMSA's Pipeline Safety Enforcement Procedures*, Sections 3.1.1.3 through 3.1.3.1 appears inconsistent with Oasis' understanding of the alleged violation and underlying facts.

Without conceding the underlying alleged violation, Oasis respectfully requests PHMSA reduce or eliminate the PCP even if PHMSA ultimately determines that there is a violation warranting enforcement. Oasis requests PHMSA consider the relevant facts and instead withdraw or convert the subject item to a Warning Letter or Notice of Amendment. Notwithstanding the above, Oasis will continue its commitment to the improvement of its control room training program as part of its EHS management system.

Item Six:

§195.446 Control room management.

(a)....

(j) *Compliance and deviations.* An operator must maintain for review during inspection:

(1) Records that demonstrate compliance with the requirements of this section;

Oasis failed to maintain records as required by § 195.446(j)(1) to demonstrate compliance with §195.446(c)(2). During the inspection, Oasis could not produce records for the point-to-point verifications required by § 195.446(c)(2). An email from the Oasis Pipeline Control Center Supervisor states that they had performed the verifications but had no documentation. A total of 14 points did not have verification documentation.

Oasis Response to Item Six:

Oasis is committed to public safety, protecting the environment, and operating its pipeline facilities safely. Oasis takes all PHMSA allegations of violation seriously, and endeavors to operate its control room in full compliance of all applicable safety regulations. Subject to correction of relevant facts, Oasis contests the alleged violation without requesting a hearing. Oasis is providing information and explanations it believes should be considered by the Administration for the purpose of changing, reducing, or eliminating the PCP for the alleged violation.

- Oasis' defined roles and responsibilities for controllers as stated in Section 2.2 of its Control Room Management Plan, amended and approved by PHMSA, limits control of applicable safety-related points. In addition, controllers are qualified to perform those functions. Oasis also revised Section 7.2 of the Plan with detailed descriptions of listed safety-related points. Point-to-

Point verifications for safety-related points are part of the Supervisor's defined role. Oasis is providing information for PHMSA's review under **Appendix Six**.

- Oasis provided PHMSA records of point-to-point verifications and lists of identified safety related points as well as revisions to associated procedures as part of the 2018 inspection process on May 7, 2018, June 04, 2018, September 13, 2019, and on October 1, 2018. Subsequent email discussions that concluded on October 20, 2018 demonstrate Oasis acted in accordance with its Plan.
- Oasis' regulated and unregulated systems have comprehensive point-to-point verifications conducted by its SCADA department. However, point-to-point verifications are not required to show compliance with §195.466(c)(2). PHMSA's *Control Room Management FAQs*, published on January 1, 2018, demonstrates that Oasis appropriately verified safety-related points.

Oasis is dedicated to fully implementing its Plan and providing its controllers the tools, information, and procedures needed to carry out assigned work. While the above list is not all-inclusive of Oasis' efforts to address this issue, it demonstrates the ongoing and comprehensive nature of Oasis' adoption, implementation, and ongoing improvement of its Plan. In addition, the provided information demonstrates that its Plan is in line with the roles and responsibilities of its controllers. Finally, Oasis acknowledged deficiencies identified during the 2018 inspection, in real time, demonstrating its collaborative, open approach with PHMSA.

Oasis' understanding of both the relevant facts and underlying issue are different than that stated in the PCP. Oasis provided records demonstrating compliance with §195.446(c)(2) and §195.466(j)(1) during the 2018 inspection. In addition, Oasis systems are simple and straightforward, the roles and responsibilities of its controllers, in regards to SCADA points, is limited, and point-to-point verifications conducted were appropriate. Therefore, Oasis maintained records providing controllers the necessary tools, information, and procedures needed to carry out their tasks.

Oasis requests an explanation as to the penalty amount as it relates to the alleged violation. Upon review of PHMSA's *Pipeline Safety Enforcement Procedures*, Sections 3.1.1.3 through 3.1.3.1, the PCP appears inconsistent with Oasis' understanding of the alleged violation and underlying issue. In addition, based on the following statement by PHMSA Administrator, Skip Elliott; industry and the Agency, "can work together to meet the goals of simplifying rules and investing resources where they are needed most and have the greatest safety benefit", Oasis suggests the PCP does not apply the greatest safety benefit to improving the administration of its Plan.

Without conceding the underlying alleged violation, Oasis respectfully suggests PHMSA eliminate or reduce the PCP even if PHMSA ultimately determines that there is a violation warranting enforcement. In the alternative, Oasis formally requests PHMSA consider the relevant facts and instead withdraw or convert the subject item to a Warning Letter, Notice of Amendment, or Compliance Order. Notwithstanding the above, Oasis will continue its commitment to provide its controllers the tools, information, and procedures needed to carry out their assigned work.

Item Seven:

§195.505 Qualification program.

Each operator shall have and follow a written qualification program. The program shall include provisions to:

(a)....

(b) Ensure through evaluation that individuals performing covered tasks are qualified;

The operator did not follow its written qualification program. Oasis' Operator Qualification (OQ) plan required written (knowledge) and performance evaluations for all covered tasks as listed in Appendix C "Qualification Requirements Column – Knowledge and Performance". Although written evaluations were completed before pipeline operation, there were no performance evaluations conducted until after the Johnson's Comer (JC) pipeline began operations on October 10, 2016.

A submittal was received from Oasis detailing tasks performed by nine unqualified personnel. Based on documentation the PHMSA inspector reviewed, the JC pipeline was operated from October 10, 2016 through May 1, 2017 by four unqualified North Dakota controllers. On April 4, 2017, the first Houston controller received adequate operator qualification training. That person began controlling the pipeline on May 2, 2017. Additionally, this submittal showed that five other OQ covered tasks (patrolling, launching / receiving pigs, operating valves, and line locating) were performed on the pipeline by six unqualified field personnel in North Dakota.

Oasis Response to Item Seven:

Oasis is committed to public safety, protecting the environment, and operating its pipeline facilities safely. Oasis takes all PHMSA allegations of violation seriously, and endeavors to conduct its operation and maintenance tasks in full compliance of all applicable safety regulations. Although Oasis acknowledges that it did not meet key personnel qualification requirements in accordance with its Operator Qualification program (OQ) at the start of the JC pipeline facility, Oasis is providing information and explanations it believes should be considered by the Administration for the purpose of reducing or eliminating the PCP for the alleged violation:

- Oasis provides information from the material submitted on March 2, 2018 under **Appendix Seven** and requests the following relevant facts be revised:
 - ROW patrols were performed by qualified personnel (OQ date 4/21/2015).
 - Five employees performed covered tasks without proper qualification not associated with the local control room.
- Oasis became aware of its qualification issue upon receipt of a third-party audit report in October of 2017, immediately developed an action plan based on its findings, trained internal evaluators that December to cover evaluation bandwidth needs, and began qualifying its personnel for identified cover tasks. Provided information demonstrates Oasis' efforts to address the underlying issue. In addition, Oasis hired a third-party in February 2018 to perform covered tasks until proper qualification of its personnel was completed.
- Oasis provides information demonstrating its good faith efforts to ensure only qualified personnel perform covered tasks on its facilities under **Appendix Seven**. Action taken includes the training of additional internal evaluators and collaborating with other Oasis training initiatives to improve Oasis' overall EHS management system.
- Currently, Oasis is developing strategies to further integrate its OQ program into its overall EHS management system. Implementation of these changes will begin in 2020.

Oasis is dedicated to the proper qualification of its personnel in accordance with its OQ program as well as Oasis' other prescribed training requirements. Though not all inclusive, the information and explanations provided here and for Item Three demonstrates Oasis' comprehensive training program for its personnel. In addition, Oasis was proactively improving its program prior to the 2018 inspection and continued to do so after the completion of that inspection. Finally, Oasis acknowledged deficiencies

identified during the 2018 inspection in real time, demonstrating Oasis' collaborative, open approach with PHMSA.

Without conceding the underlying alleged violation, Oasis respectfully requests PHMSA reduce the PCP even if PHMSA ultimately determines that there is a violation warranting enforcement. In the alternative, PHMSA should reduce the amount of the PCP and assign an appropriate penalty credit under Good Faith. Notwithstanding the above, Oasis will continue its commitment the improvement of its OQ program as part of its EHS management system.

In Summary,

Notwithstanding the above, and without conceding its position on the alleged violations, Oasis will continue its dedication to the ongoing improvement of its programs. In addition, Oasis will continue its collaboration with both industry and the Administration, committing resources to the development of its safety management system that achieves the greatest safety benefit. In close, Oasis respectfully requests the Administration consider revising, reducing or eliminating the PCPs and PCOs for each item addressed herein in accordance with the relevant facts and underlying issues.

Proposed Civil Penalties

Without conceding the underlying alleged violations, Oasis respectfully requests penalty amounts should be changed, reduced or eliminated for Items One, Four, Five, Six and Seven, even if PHMSA ultimately determines violations warranting enforcement exist. In light of relevant facts, Oasis' justification for this request for each subject Item is based on one or more of the following:

- Action taken by Oasis to address underlying issues used as the basis for the PCP demonstrates proactive, continual improvement in the administration of its programs, and it has shown a willingness to collaborate with the Administration in a manner that is in line with its own stated enforcement policies. *(One, Four, Five, Six, Seven)*
- Oasis has demonstrated substantive, good faith effort to addressing the underlying issues used as the basis for the PCP. *(One, Four, Seven)*
- The underlying issues used as the basis for the PCP deserve further consideration, and correction of relevant facts demonstrate the PCP is not supported by PHMSA's own stated enforcement policy. *(Five, Six)*
- The underlying issues used as the basis for the PCP deserve further consideration, and correction of relevant facts demonstrate the PCP does not invest resources where needed nor provide the greatest safety benefit to ensure future compliance. *(Six)*

Proposed Compliance Orders

Without conceding the underlying alleged violations, Oasis respectfully requests compliance order requirements should be eliminated, withdrawn, or changed for Item Three even if PHMSA ultimately determines a violation warranting enforcement exists. In light of relevant facts, Oasis' justification for this request is based on one or more of the following:

- Action taken by Oasis already addresses underlying issues used as the basis for the PCO, demonstrates proactive, continual improvement in the administration of its program, and it has collaborated with the Administration in a manner that is in line with its own stated enforcement policy. *(Three)*
- Oasis has demonstrated substantive, good faith effort to address underlying issues used as the basis for the PCO. *(Three)*

Finally, this Response is submitted under 49 CFR §190.208(a)(2-3) and 49 CFR §190.208(b)(3). For Items One, Four, Five, and Seven, Oasis does not contest the alleged violations subject to the corrections of facts and respectfully submits information and explanations for PHMSA's review. In addition, Oasis contests, in part, Items Three and Six, and submits information and explanations without the request for a hearing for further consideration.

Should you have any questions, require further information in connection with the above or wish to discuss this matter in greater detail, please do not hesitate to contact our office. Oasis welcomes the opportunity to work with PHMSA regarding the safe operation of our pipelines.

Respectfully,

David Copeland

David Copeland
Sr. Regulatory Specialist
dcopeland@oasispetroleum.com

Cc by email:

Allen C. Beshore, Director, OPS, PHMSA-Central Region
Jason Swaren, VP Operations, Oasis
Kipton Wills, Sr. EHS Safety Supt., Oasis

Item One

§195.107(a)(c)(1)(ix) GENERAL RESPONSE PLANS REQUIREMENTS



RATES FOR PROFESSIONAL SERVICES (January 2016)

Project Manager	\$165.00/hour
Software Developer	\$165.00/hour
Technical Assistant	\$135.00/hour
Administrative Assistant	\$105.00/hour

EXPENSES

Black & White Reproductions	\$.15 Per Page
Color Printing	\$1.00 Per 8 1/2 X 11 Page
Color Printing	\$2.00 Per 11 X 17 Page
Personal Vehicle Usage	\$.60 Per Mile
Courier, Overnight Delivery Services	Actual Cost +10%
Travel Expenses	Actual Cost +10%



Proposal to:

OASIS PETROLEUM

**PROVIDE RESPONSE
PLANNING SERVICES AND
SOFTWARE**

February 23, 2016

This proposal is a confidential document that contains ideas, concepts, methods, and other proprietary information. Readers are to treat the information contained herein as confidential and may not copy any of these materials without the written permission of Technical Response Planning Corporation.

TRP SMARTPLAN™ PROPOSAL

TRP EXPERIENCE AND QUALIFICATIONS

TRP is well-suited for this project. TRP is an industry leader in developing and implementing Facility Response Plans, Emergency Response Plans, SPCC Plans, and others. TRP has significant regulatory expertise with Client operations and regulations applicable to oil spill and emergency response, including EPA, USCG, OSHA, and PHMSA.

TRP is also an innovator in developing web-based systems specifically designed for response planning applications, and has considerable experience in this specialized field. TRP began developing the technology for these systems more than ten years ago and has developed enterprise systems for many companies.

PROJECT SCOPE

TRP proposes to incorporate the following plans for your operations:

- Facility Response Plan for Client's Pipeline System and Terminal - TRP proposes to utilize our standard response plan template(s), revised for company-specific response procedures, response team organization, and forms. This template may consist of one combined plan for both pipeline and terminal, or separate plans.
- TRP assumes that an existing plan is or will be available for the terminal in a Microsoft Word format, and plot plans and sensitivity maps will be available in a PDF format for uploading into the new plan template.

SYSTEM BENEFITS

This system has the following benefits:

- Streamlines plan maintenance by integrating database technology to manage redundant and frequently updated response plan information. Client or TRP can efficiently maintain your plans via a user-friendly interface.
- Promotes consistency with your response plan structure, forms, corporate response policies and procedures.
- Provides a single-source document management system for all response plans, with an enhanced navigational interface.
- Provides documentation tools to manage your emergency response program with a "snapshot" of all plans, persons responsible, and date of last update.
- Improves functionality and accessibility by displaying and navigating plan content via a web browser with the ability to print and produce document style hard copy plans.
- Is created in a format that allows for the future addition of other FRPs, emergency response plans, SPCC Plans, fire pre-plans, security plans, business continuity plans, and others.

TRP SMARTPLAN™ PROPOSAL

WEB-BASED DATABASE-DRIVEN SYSTEM SPECIFICATIONS

- Web interface for navigation, display, and maintenance. Utilizes a highly intuitive graphical user and maintenance interface for selecting, viewing, printing, and revising all dynamic documents in the system.
- Utilizes an Integrated database for names, telephone numbers, and site-specific information associated with dynamic documents, and enables plan administrators to add contacts from one or more individuals to one or more plans.
- Dynamic database-driven HTML templates for Pipeline and Facility Response Plan, designed for viewing and maintenance via Microsoft Internet Explorer.
- Provides editing capabilities for Response Plans.
- Links to each referenced figure and subsection to promote improved functionality over "static" plans developed in Microsoft Word.
- Capability of printing paper copies, including binder covers and all uploaded files in FDF format, with formatted plan sections, page numbering and page headers. This functionality also provides the ability to download static plans to Client network, flash drives and other storage devices in PDF format. Printing functionality includes the ability to print the entire plan with one button, including all uploaded files in the proper order.
- Automatically records plan revisions in Record of Changes form for all plans affected by revisions, including those revisions performed on other documents.
- Automatically date stamps the cover page of each section following a revision to that section.
- Provides a mechanism to change the order of company personnel notifications or distribution list in any of the plans.
- Contains advanced security controls that allows Client System Administrator to:
 - Assign permissions to Company personnel to revise response plan information.
 - Assign viewing or maintenance access to a facility, group of facilities, or all facilities.
 - Control access to signature uploads.
- Documents plan approval dates and scheduled review and re-submittal dates.
- Contains "Response Guide" (for FRP) which displays menu options for critical response path components and information that may be required during an actual response, presented in chronological, step-by-step order.
- Contains a Forms Library with a dedicated forms interface. Linked forms are developed in a Microsoft Word based to facilitate online editing, printing, and email capability. Client can also upload forms to the Forms Library.
- Contains "Useful Links" which provides for one-step access to your most useful Intranet/Internet sites.
- System is hosted in TRP's Data Center in order to provide advanced functionality, support, and reduce Client IT support costs.
- Contains an Automated Contact Verification System for Company personnel - Provides automated verification of company personnel contact information via email system, further reducing Client maintenance costs and improving plan accuracy.

PROJECT COST SUMMARY

PLAN DEVELOPMENT AND LICENSING

One-time fee to setup account, customize template(s), and populate template to develop one combined OPA 90 plan for pipeline and terminal, or two separate plans:

- One-time lump sum fee - \$12,000 (\$6,000 upon project approval, and the remaining \$6,000 upon completion of draft plans).
- Optional - TRP can provide paper copies of these plans at Client's request for a lump sum fee of \$350 per plan and/or \$75 per flash drive or CD. In addition, TRP can submit these plans to EPA and PHMSA on behalf of Client for no additional fees except shipping costs.

Annual Licensing and Support, includes:

- Unlimited user licenses for Oasis Petroleum
- Hosting Services
- Technical support and help desk services (during business hours)
- Ongoing functionality upgrades
- Annual fee - \$3,500 (initially invoiced upon project approval, then on subsequent anniversary dates for future years).



INVOICE

2219 Sawdust Road, Suite 601
The Woodlands, TX 77380
Phone 281-955-9600 | Fax 281-955-0369

Date: 6/27/2018
TRP Project No: 18935
Bill To: Oasis Petroleum North America LLC
1001 Fannin, Suite 1500
Houston, TX 77002

Attention: Supply Chain Manager
ap@oasispetroleum.com

cc: David Copeland
dcopeland@oasispetroleum.com

TRP Invoice No: 8137
Fed. Tax ID #: 76-0461965
Terms: Due Upon Receipt
Memo:

PROJECT#	DESCRIPTION	QTY	RATE	AMOUNT
18116	Develop Single Sign-On Functionality	1	\$3,500.00	\$3,500.00
18935	Annual Subscription for ERP System	1	\$1,500.00	\$1,500.00
18935	Annual Subscription for Single Sign-On Functionality (August 2018 - July 2019)	1	\$1,000.00	\$1,000.00
Total:				\$6,000.00



INVOICE

2219 Sawdust Road, Suite 601
The Woodlands, TX 77380
Phone 281-955-9600 | Fax 281-955-0369

Date: 7/16/2018
TRP Project No: 18128
Bill To: Oasis Petroleum North America LLC
1001 Fannin, Suite 1500
Houston, TX 77002

Attention: Supply Chain Manager
ap@oasispetroleum.com

cc: David Copeland
dcopeland@oasispetroleum.com

TRP Invoice No: 8152
Fed. Tax ID #: 76-0461965
Terms: Due Upon Receipt
Memo:

PROJECT#	DESCRIPTION	QTY	RATE	AMOUNT
18128	Develop ERP for Delaware Basin	1	\$750.00	\$750.00
18165	Set-up SMARTRESPONSE Functionality	1	\$2,500.00	\$2,500.00
18166	Set-up Regulatory Compliance Tracking Module	1	\$2,500.00	\$2,500.00
18935	Annual Subscription for SMARTRESPONSE	1	\$3,000.00	\$3,000.00
18935	Annual Subscription for RCT Module (August 2018 - July 2019)	1	\$3,000.00	\$3,000.00
Total:				\$11,750.00

Please submit to AP@oasispetroleum.com for processing

Plan	All Grp/Prop ID	Code	Cost
Burke County ERP	#00453	812.021	\$ 1,678.57
Mountrail County ERP	#00455	812.021	\$ 1,678.57
McKenzie County ERP	#00454	812.021	\$ 1,678.57
Williams County ERP	#00456	812.021	\$ 1,678.57
WB Gas Plant	PLT00001	812.021	\$ 1,678.57
Johnson's Corner	PL0074	812.021	\$ 1,678.57
COW	PL0063	812.021	\$ 1,678.57
Total			\$11,750.00

Approved: *David Copeland*
Date:
07.18.2018

Annual Emergency Response/Prevention Training Matrix (Log)

(Team Member to Sign Across from Training Performed & details)

Year: 2018

Entity: Oasis

Hrs = Hours of Training

Name of Team Member (Print)

Hrs

Internal/External Training

Any Agencies involved

NOTIFICATION DRILLS

Notification Drill #1 - Date 03.22.2018	Jason Killion	2	Internal (Jimmy W.)	None
Notification Drill #2 - Date 06.06.2018	John Jochim	2	Internal (Jared I.)	Partial-checked I. Contacts
Notification Drill #3 - Date 08.21.2018	Dustin Anderson	2	Internal (Jimmy W)-Williston	CTEH-ICS 300 TT
Notification Drill #4 - Date 10.09.2018	DA/DC/MM	2	Internal (Control Room-JI)	NRC Contacted

Detailed Exercise Documentation Notification Drill Packet

EMERGENCY PROCEDURES (EP)/DEPLOYMENT DRILLS (D)

EP/D Drill #1 - Date 06.19 & 06.21.2018	Dustin Anderson	8	External-Williams County	Williams County LEPC
EP/D Drill #2 - Date 10.09.2018	Dustin Anderson Unannounced	6	Internal	QI Notice-Off Hours- Above
EP Drill - Additional Drill*	Paradigm	3	External-Williams County	Williams/McKenzie County

*Performed to Meet Unannounced Requirements

Detailed Exercise Documentation EP/D Drill Packet

TABLETOP DRILL/WCD DRILL

IMT TT #1 - Date 08/21-23 (CTEH)	CTEH (see below)		SMARTRESPONSE	Multiple
IMT TT #2 - Additional Drill* Date SEE BELOW	CTEH (see below)		SMARTRESPONSE	Internal

*Performed to Meet Unannounced Requirements

Detailed Exercise Documentation IMT TT Packet

SAFETY MEETINGS

Meeting - Date 06.13.2018	Dustin Anderson	1	Internal (Response Group)	Internal
Discussed Discharge: Prevention Y / N Response Y / N	Y, Y		Topic: Incident Response per plan procedures (initial steps & Mitigation)	
Meeting - Date 07.18.2018 (TBD*)	Dustin Anderson (DC)		Internal (Response Group)	Internal-SCRAPPED
Discussed Discharge: Prevention Y / N Response Y / N	N, Y		Topic: TEF Walkthrough of Data Blank & Initial Response Action	
Meeting - Date 08.15.2018				
Discussed Discharge: Prevention Y / N Response Y / N				
Meeting - Date 09.26.2018				
Discussed Discharge: Prevention Y / N Response Y / N				
Meeting - Date 10.18.2018				
Discussed Discharge: Prevention Y / N Response Y / N				
Meeting - Date 11.20.2018				
Discussed Discharge: Prevention Y / N Response Y / N				
Meeting - Date 12.13.2018				
Discussed Discharge: Prevention Y / N Response Y / N				

Detailed Exercise Documentation TBD

SAFETY MEETINGS

Meeting - Date				
Discussed Discharge: Prevention Y / N Response Y / N			Topic:	
Meeting - Date				
Discussed Discharge: Prevention Y / N Response Y / N			Topic:	
Meeting - Date				
Discussed Discharge: Prevention Y / N Response Y / N			Topic:	
Meeting - Date				
Discussed Discharge: Prevention Y / N Response Y / N			Topic:	
Meeting - Date				
Discussed Discharge: Prevention Y / N Response Y / N			Topic:	

Detailed Exercise Documentation TBD

PART 195 ANNUAL TRAINING

Operations Training Lesson Date 11/08/2018	John Jochim, Blake Keteri	1	Internal (WB, COW, CR)	None
Covered P-195.403: Prevention Y / N Response Y / N	Y, Y			
Maintenance Training Lesson Date 11/15/2018	Marilee Foote, John Jochim	1	Internal (WB, COW, CR)	None
Covered P-195.403: Prevention Y / N Response Y / N	Y, Y			
Emergency Training Lesson Date 11/01/2018	David Copeland, Marilee Foote	1	Internal (WB, COW, CR)	None
Covered P-195.403: Prevention Y / N Response Y / N	Y, Y			

Total of Hours of Training

29

Detailed Exercise Documentation P-195.403 & F-195.403 & TBD

OTHER MEETINGS/FORUMS

*Name = Describe Type of Meeting - ex: USGC; NDIC-RR; NDDOH-TCEQ; GLO; OSRO Meeting; LEPC Meeting; Industry Deployment Drill; Terminal Managers Meeting - Give Specific Topic Covered

Name: CTEH ICS 300 Level-Williston Date Aug 28	August 21-23			
Discussed Discharge: Prevention Y / N Response Y / N	CTEH	20	QI s, ERP Planning, Response P	COW
Name: CTEH ICS 300 Level-Houston Date Sept 19	September 19th thru 20th			
Discussed Discharge: Prevention Y / N Response Y / N	CTEH	12	QI s, ERP Planning, Response P	Crisis Management-COW
Name: CTEH ICS 300 Level-Midland Date Aug 21	August 21 thru 23rd			
Discussed Discharge: Prevention Y / N Response Y / N	CTEH TTX-C	20	QI s, ERP Planning, ICS training	Well Control

Name: _____ Date _____
Discussed Discharge: Prevention Y / N Response Y / NName: _____ Date _____
Discussed Discharge: Prevention Y / N Response Y / N

TOTAL HOURS OF TRAINING

81

CONTENTS

- Cover Page
- Exercise Overview
- Exercise Objectives Evaluation
- Core Components Evaluation
- Action Items
- Lessons Learned
- Exercise Participants
- Completed Notifications
- Attachments:
 - ICS 201-1 - Incident Briefing
 - ICS 201-2 - Response Objectives
 - ICS 201-3 - Current Organization
 - ICS 201-4 - Resources Summary
 - Weather Report
 - ICS 208 - Site Safety Plan
- Additional Documentation
 - Attendees Classroom ICS 300
 - Classroom Material ICS 300
 - Williston TT Exercise Scenario
 - Scenario Overview Maps
 - ICS 206-Williston TT
 - Williston TT 08/2018 ICS 214s
 - Exercise Objective/PREP Core Eval



Williston TableTop- Harrier 5401 44-23 CTB

Draft Exercise Report

Date of Exercise: August 29, 2018

Printed on: September 5, 2018



Generated by
<http://www.emergency-response-planning.com>

EXERCISE OVERVIEW

Exercise Name	Williston TableTop-Harrier 5401 44-23 CTB
Exercise Date(s)	August 29, 2018
Introduction	Based on the exercise planning team's deliberations, the following objectives were developed for the subject exercise: 1: Complete Internal and external notifications 2: Initiate Emergency Response Actions 3: Establish Incident Command 4: Use SMARTRESPONSE system 5: Conduct Initial Brief 6: Begin development of actions for the next day The purpose of this report is to analyze exercise results, identify strengths to be maintained and built upon, identify potential areas for further improvement, and support development of corrective actions.
Objectives	• QI Notification Exercise (Quarterly) • Voice contact and confirmation must be made with a QI as detailed in the plan. Electronic messaging may be used only if communication by voice is not possible. • QI Notification Exercise, non-business hours (Annual) • Incident Management Team Exercise (Annual) • Knowledge of the response plan • Proper notifications • Communications systems • Ability to access an OSRO • Coordination of internal organization personnel with responsibility for spill response • Annual review of the transition from a local team to a regional, national, and international team as appropriate. • Ability to coordinate spill response activity with the NRS infrastructure • Ability to access information in the ACP for location of sensitive areas, resources available within the area, unique conditions of area, etc; and • Minimum of one IMT exercise in a triennial cycle must involve simulation of a worst case scenario.
Core Components:	Notifications • Notifications • Staff Mobilization • Ability to Operate within Response Management System Source Control • Source Control • Assessment of Discharge • Containment of Discharge • Mitigation • Protection of Sensitive Areas • Disposal

EXERCISE OVERVIEW**Communications**

- Communications
- Transportation
- Personnel Support
- Equipment Maintenance and Support
- Procurement
- Documentation

Scenario:

At 0600 hours an alarm is sent to the Houston Control Center from the Harrier 5401 44- 23 facility, an operator is sent to investigate. As he approached the facility his 4-way gas meter presents elevated LEL (35%) and his eyes are burning. He backs away from the pad and goes to a downwind elevated position where he can see the pad. He notices fluid escaping the free water knockout and that CRUDE OIL is pooling on top of water from recent rains. Also, he sees product escaping from a failed perimeter berm. Oil is off location and has entered surface water south of the well site. He reports that it is not safe to access the facility, so he cannot access the well kill control.

Prepared By:

David Copeland

EXERCISE OBJECTIVES EVALUATION

QI Notification Exercise (Quarterly)	
QI Notification Exercise, non-business hours (Annual)	
non-business hours not performed	
Voice contact and confirmation must be made with a QI as detailed in the plan. Electronic messaging may be used only if communication by voice is not possible.	
Need additional QIs for Oasis ERPs, and need to finalize/train to a universal classification & notification procedure.	
Incident Management Team Exercise (Annual)	
Knowledge of the response plan	
Notification process should get better with further training and development of ICS personnel. Need to make changes and implement process plan wide. Some individuals do not like digital plans. Familiarization with plan content ongoing. Further training needed.	
Proper notifications	
Need better understanding of SMARTRESPONSE Notification tab, and other notification capabilities for tracking. External Notifications need updating. Refer to individual logs for issues (attached herein).	
Communications systems	
Need to delineate universal process for ERPs and leveraging of MediaAlert system and Houston Control Room. Tightly intertwined with Notification process.	
Ability to access an OSRO	
SWAT activated. Need to update OSROs	
Coordination of internal organization personnel with responsibility for spill response	
Use plan content to assign appropriate personnel to ICS positions. Make sure right person is in the Room. Overall, ICS positions effectively managed.	
Annual review of the transition from a local team to a regional, national, and international team as appropriate.	
moved to a unified command structure at 9:30am.	
Ability to coordinate spill response activity with the NRS infrastructure	
Not Applicable to this training exercise	
Ability to access information in the ACP for location of sensitive areas, resources available within the area, unique conditions of area, etc; and	
Effectively leveraged and implemented site tactical plans	
Minimum of one IMT exercise in a triennial cycle must involve simulation of a worst case scenario.	
Not applicable for this exercise	

CORE COMPONENTS EVALUATION

Organizational Elements
Notifications Need training on notification process in plans/edits. familiarization will come in time with add'l training and buy-in on universal process. Some names and contact numbers for external contacts need updating. best path to capture notifications in SMARTRESPONSE needs to be decided on with guidance from TRP.
Staff Mobilization Better reliance on Plans as guidance material on who to assign what ICS position. Better understanding of stand up procedures and sizing said stand-up needed. add'l training will alleviate inertia during opening minutes of an incident
Ability to Operate within Response Management System Situational awareness and unity of command could be improved upon. However, good informal communication demonstrated and formal communication was smooth and efficient.
Operational Elements
Source Control Leaking flange gasket controlled by 9:22 am. Deployed OSRO and were on scene by 9:30 am Plan contacts for OSROS need to be updated.
Assessment of Discharge Site safety plan completed at 9:10am, as well as Med plan (ICS 206). Environmental group assessed spill volume and nearby water impact deployed OSRO and implemented Tactical plan for site area per plan guidance.
Containment of Discharge OSRO on site by 9:30 contacted at 9:10 am. Tactical plan implemented to provide containment so cleanup and recovery could commence.
Mitigation Horizon Resources-used for recovery and disposal. SWAT (OSRO) deployed for containment resources. Need to update external contacts for disposal resources. Need to update OSROS
Protection of Sensitive Areas Used plan's tactical site plans & deployed OSRO to implement environmental protections and containment. Used Environmental cleanup and disposal contractor, Horizon Resources and air monitoring services to protect, mitigate, and cleanup operations.
Disposal update external contacts to include disposal options like Horizon Resources and air monitoring contractors.
Support Elements
Communications Houston Media briefing schedules at 6pm. Need to be more proactive, get the narrative out before you start being controlled by the narrative. Need better establishment of assigned responsibility of internal & external contacts. This goes straight to the notification and classification process for plan development.
Transportation buses were secured by logistics to shuttle personnel to and from staging area to incident site. deployed at request of Operations.

CORE COMPONENTS EVALUATION

Personnel Support
Logistics staged up, 2, 24-7 work crews for Ops to carry out incident objectives.
Equipment Maintenance and Support
needed resources and equipment staged up and ready for deployment as needed. Refer to Resource tracker (ICS201) for staged resources.
Procurement
mobile equipment and facilities staged up and deployed: showers, mobile command unit, shelters. No finance set up handled by IC
Documentation
All documentation of subject exercise captured in OASIS SMARTRESPONSE Module. Need training for key personnel to leverage system better. Scribes, Incident Admin.

ACTION ITEMS

Action Item Title / Description	Date Due	Priority	Status	Assigned By	Assigned To/ Completion Date
Internal Contact Update update Libby McIvor's Oasis Title from business partner to Sr. Representative, Human Resources. Add viewer access for Laura Winje with Dustin Anderson approval	September 10, 2018	Low	Assigned	ERP Planning Team	Copeland, David Sr. Regulatory Specialist Response Training: ICS Training March 2017; Spill Response-Ice recovery February 2017 Responsibility During Response Action: Government Liaison 29 CFR 1910.120 HAZWOPER OPA 90 Oil Spill Response QI/IC Training
SMARTRESPONSE WALKTHROUGH Need add'l training/walkthrough by TRP on utilization of SMARTRESPONSE module for key stakeholders that can leverage its capabilities to address some of the lessons learned through the latest exercise. In addition, same stakeholders need better understanding of SMARTRESPONSE notification tab inside the incident and the notification icon on the SMARTRESPONSE home screen. editing/customizing tools need to be explored with SME guidance. David Copeland to reach out to TRP and schedule demo/hands on walkthrough for key team members. provide some time for question/answers, etc.	September 14, 2018	Normal	Assigned	ERP Planning Team	Copeland, David Sr. Regulatory Specialist Response Training: ICS Training March 2017; Spill Response-Ice recovery February 2017 Responsibility During Response Action: Government Liaison 29 CFR 1910.120 HAZWOPER OPA 90 Oil Spill Response QI/IC Training
Update QIs Dustin Anderson needs to identify add'l personnel to list as QIs in ND and TX plans to ensure proper coverage. Please provide David Copeland with contacts no later than September 14, 2018.	September 14, 2018	Normal	Assigned	ERP Planning Team	Anderson, Dustin Environmental Supt., EHS Department, Williston Office, Oasis Petroleum, NA Deputy Incident Commander; Incident Commander; Information Safety Liaison Response Training: ICS training, First Quarter 2017 Responsibility During Response Action: Deputy IC, Alt, Environmental 29 CFR 1910.120 HAZWOPER OPA 90 Oil Spill Response QI/IC Training

ACTION ITEMS

Update external Contacts Dustin Anderson/Victoria Siemieniowski provide any updates on external contacts identified as missing or adding secondary POCs for existing external contacts. TRP can enter that information for us into the plans. David Copeland can show how to make updates/edits to stakeholders with maintenance access if desired. For FRP, may want to create external contact category for "affected public" to address Daniel Sheahan PSM recommendations for WBGp content.	September 14, 2018	Normal	Assigned	David Copeland	Anderson, Dustin Environmental Supt., EHS Department, Williston Office, Oasis Petroleum, NA Deputy Incident Commander; Incident Commander; Information Safety Liaison Response Training: ICS training, First Quarter 2017 Responsibility During Response Action: Deputy IC, Alt, Environmental 29 CFR 1910.120 HAZWOPER OPA 90 Oil Spill Response QI/IC Training
SMARTRESPONSE action item tracker (mostly testing) Please, get new OSRO information, MSA, contract, equipment lists, etc. for all ND plans to TRP ASAP to assist ERP planning team in closing out 2018 plan updates and finalizing the WBGp FRP	September 20, 2018	High	Assigned	ERP Planning Team	Anderson, Dustin Environmental Supt., EHS Department, Williston Office, Oasis Petroleum, NA Deputy Incident Commander; Incident Commander; Information Safety Liaison Response Training: ICS training, First Quarter 2017 Responsibility During Response Action: Deputy IC, Alt, Environmental 29 CFR 1910.120 HAZWOPER OPA 90 Oil Spill Response QI/IC Training
Decision discussion on Notification procedures for ERPs (All Plans) Leveraging what has been approved by federal inspectors for OPA90 plans on Notification and classification procedures, David Copeland to schedule a meeting to discuss how best to incorporate subject process and changes needed to said process for implementation across all plans. Stakeholders identified: David Copeland Daniel Sheahan Dustin Anderson	September 28, 2018	High	Assigned	David Copeland	Copeland, David Sr. Regulatory Specialist Response Training: ICS Training March 2017; Spill Response-loc recovery February 2017 Responsibility During Response Action: Government Liaison 29 CFR 1910.120 HAZWOPER OPA 90 Oil Spill Response QI/IC Training

LESSONS LEARNED

Lessons Learned	Comments	Added By
Response Plan needs to be updated	Update OSRO contact information and equipment lists and contracts/equipment lists for WBGFP FRP/OPA90 plans.	ERP Planning Team
ICS forms and/or process needs to be improved	Some participants preferred putting ICS material up on the wall vs. utilizing SMARTRESPONSE citing lack of visibility. Probably can find happy medium for future exercises. However, if key personnel are given right user access then input of material from groups that may be in separate rooms can be aggregated more effectively. Planning can then put material up on the board in establish increments in control room and before each briefing. Utilizing SMARTRESPONSE to its fullest will allow individuals like members of the CMT in Houston to see real time progress without having to distract response personnel for informal updates.	ERP Planning Team
Response Plan needs to be improved	Need to identify additional QIs for ND and TX plans so that there is acceptable backup in place for notification process to move forward without hindrance or confusion. Jimmy Whittingham was not right QI to notify in this incident scenario. Jared Iverson was unavailable.	ERP Planning Team
Response Team needs Response Plan Training	Familiarization with plan content is ongoing and improving with each iteration. Training to yet to be finalized notification process flow will help to minimize confusion/stagnation during the critical first hours of a true incident or first minutes of drills. Further Training to plans will translate into muscle memory retention for response personnel.	ERP Planning Team
Response Team needs Response Plan Training	Key stakeholders need better understanding of SMARTRESPONSE notification tab/capabilities. There appear to be two different approaches to conducting notifications and tracking completion within the system. In addition, Notifications list needs to be edited to include appropriate external notifications at start of a created incident. Thorough training to select few to help implement buy-in by larger group suggested by exercise group.	ERP Planning Team
Response Plan needs to be improved	Need to adopt one, universal process for notification and classification of incidents leveraging the Alert Media and Houston Control Room. Currently, plans outside of ND cannot reference those created procedures dealing with the subject issue as they refer to ND plans. That's not tenable though its understood what the intent was in doing so. Need to come to stakeholder agreement on editing and finalizing these steps.	ERP Planning Team

LESSONS LEARNED

Response Team needs Response Plan Training	Is it possible to edit the name of an exercise/incident after created? If so, need guidance by TRP as have not identified that capability	ERP Planning Team
Emergency Operations Center needs to be established or improved	Better reliance on plan content to make decisions on who to assign to which ICS position would help in plan awareness and execution. In addition, better understanding and effective training on stand-up procedures and sizing the said stand-up could be an focus objective for add'l training down the road/alleviate enertia and confusion during opening minutes of an incident/exercise.	ERP Planning Team
Response Plan needs to be updated	External contacts for disposal services should be added to all applicable plans (ND & TX). State specific	ERP Planning Team
Response Team needs ICS Training	PIO scheduled media announcement via Houston Support at 6pm. recommendation made to be proactive and get ahead of the narrative before you start be controlled by it.	ERP Planning Team

EXERCISE PARTICIPANTS

Name	Team Position	Employer	Contact Information	Date/Time	
				In	Out
Benth, Casey			cbenth@oasispetroleum.com	August 29, 2018 11:23	
Copeland, David	Planning Section Chief	Oasis	713-770-6430 (Office) 512-771-8611 (Mobile) dcopeland@oasispetroleum.com	September 5, 2018 08:12	
Copeland, David		Oasis Petroleum, N.A.	1-713-770-6430 dcopeland@oasispetroleum.com	September 5, 2018 09:42	
Copeland, David		Oasis Petroleum, N.A.	1-713-770-6430 dcopeland@oasispetroleum.com	September 5, 2018 16:09	
Copeland, David		Oasis Petroleum, N.A.	1-713-770-6430 dcopeland@oasispetroleum.com	August 29, 2018 07:33	
Copeland, David		Oasis Petroleum, N.A.	1-713-770-6430 dcopeland@oasispetroleum.com	September 5, 2018 17:52	
Copeland, David		Oasis Petroleum, N.A.	1-713-770-6430 dcopeland@oasispetroleum.com	September 5, 2018 17:53	
Copeland, David		Oasis Petroleum, N.A.	1-713-770-6430 dcopeland@oasispetroleum.com	September 5, 2018 19:19	
Foote, Marilee			mfoote@oasispetroleum.com	August 29, 2018 08:06	
Foote, Marilee			mfoote@oasispetroleum.com	August 29, 2018 07:30	
Johnson, Kelly			kjohnson@oasispetroleum.com	August 29, 2018 08:20	
Johnson, Maggie			majohnson@oasispetroleum.com	August 29, 2018 08:25	
Keteri, Blake			bketeri@oasispetroleum.com	August 29, 2018 07:39	
Keteri, Blake			bketeri@oasispetroleum.com	August 29, 2018 07:57	
Keteri, Blake			bketeri@oasispetroleum.com	August 31, 2018 17:29	
McClure, Matt			moclure@oasispetroleum.com	August 29, 2018 08:02	
Mclvor, Libby			lmclvor@oasispetroleum.com	August 29, 2018 10:35	
Siemieniowski, Victoria			vsiemieniowski@oasispetroleum.com	August 29, 2018 09:19	
Support, TRP			support@trpcorp.com	September 5, 2018 17:12	
Support, TRP			support@trpcorp.com	September 5, 2018 18:37	
Wills, Kipton			kwills@oasispetroleum.com	August 30, 2018 06:11	

COMPLETED NOTIFICATIONS

Date / Time Contacted	Contact	Contacted By	Report #	Description
August 29, 2018 08:24	Winningham, Jimmy Operations Manager, Oasis Midstream Partners, LLC Qualified Individual Incident Commander Response Training: ICM Training- December 2016; ICS Training, March 2017 Responsibility During Response Action: Incident Command, CMT Q/IC Training 713-770-6438 (Office) 979-575-1090* (Mobile)	Casey Benth		Contacted secondary QI after initial QI notification failed. QI communicated that they would begin calling personnel. Casey remains IC until relieved by Aaron Erickson @8:30.

Annual Emergency Response/Prevention Training Matrix (Log)

(Team Member to Sign Across from Training Performed & details)

Year: 2019

Entity: Oasis

Hrs = Hours of Training

Name of Exercise (Print)

Hrs

Internal/External Training

Any Agencies Involved

NOTIFICATION DRILLS

Notification Drill #1 - 01/30/2019

Notification Drill #2 - 05/01/2019

Notification Drill #3 - 09/12/2019

Notification Drill #4 -

Wilson Fed QI Notif Drill (Q1)

2

Internal

None

Delaware Table Top Drill

1

Internal

None

WB CRUDE TERMINAL

1

Both

NDEQ, NDIC, McKenzie Co.

Detailed Exercise Documentation SMARTRESPONSE

EMERGENCY PROCEDURES (EP/DEPLOYMENT DRILLS (D))

EP/D Drill #1 - 02/15/2019

EP/D Drill #2 - 05/01/2019

EP Drill #3 - 06/18/2019*

Nelson Well Incident

5

Internal

None

Midland Field Office

9

Internal

None

Wild Basin Gas Plant (PSM/RMP)

9

Internal

None

*Performed to Meet Unannounced Requirements

Detailed Exercise Documentation SMARTRESPONSE

TABLETOP DRILL/WCD DRILL

IMT TT #1 - DATE 09/10/19-09/12/19

CM/BC TT #2 - DATE 11/08/2019

WB CRUDE TERMINAL

22

External (CTEH)

Multiple

HOUSTON Crisis Management

External (CTEH)

TBD

*Performed to Meet Unannounced Requirements

Detailed Exercise Documentation SMARTRESPONSE

TRP AWARENESS/USAGE TRAINING

Meeting - Date 04/09/2019-3pm to 4pm

Discussed Discharge: Prevention Y / N Response Y / N

SKYPE PP Presentation

2

Internal

NA

Delaware & Williston

Meeting - Date 04/16/2019 8am to 10am

Discussed Discharge: Prevention Y / N Response Y / N

SMARTRESPONSE Exerc.

4

Internal

NA

Williston

Meeting - Date 04/29/2019 10am to 12pm

Discussed Discharge: Prevention Y / N Response Y / N

SMARTRESPONSE Exerc.

4

Internal

NA

Delaware

Meeting - Date TBD

Discussed Discharge: Prevention Y / N Response Y / N

Refresher

Internal

NA

Meeting - Date TBD

Discussed Discharge: Prevention Y / N Response Y / N

Refresher

Internal

NA

Meeting - Date TBD

Discussed Discharge: Prevention Y / N Response Y / N

Refresher

Internal

NA

Meeting - Date 12.13.2018

Discussed Discharge: Prevention Y / N Response Y / N

Detailed Exercise Documentation SMARTRESPONSE

SAFETY MEETINGS

Meeting - Date

Discussed Discharge: Prevention Y / N Response Y / N

Topic:

Meeting - Date

Discussed Discharge: Prevention Y / N Response Y / N

Topic:

Meeting - Date

Discussed Discharge: Prevention Y / N Response Y / N

Topic:

Meeting - Date

Discussed Discharge: Prevention Y / N Response Y / N

Topic:

Meeting - Date

Discussed Discharge: Prevention Y / N Response Y / N

Topic:

Detailed Exercise Documentation SMARTRESPONSE

PART 195 ANNUAL TRAINING

Operations Training Lesson- 06/19/19-06/20/19

Covered P-195.403: Prevention Y / N Response Y / N

5

Maintenance Training Lesson-06/19/19-06/20/19

Covered P-195.403: Prevention Y / N Response Y / N

5

Emergency Training Lesson-covered above

Covered P-195.403: Prevention Y / N Response Y / N

5

Total of Hours of Training

74

Detailed Exercise Documentation P-195.403 & F-195.403 & PP

OTHER MEETINGS/FORUMS

*Name = Describe Type of Meeting - ex: USCG; NDIC-RR; NDDOH-TCEQ; GLO; OSRO Meeting; LEPC Meeting; Industry Deployment Drill; Terminal Managers Meeting - Give Specific Topic Covered

Name:

Discussed Discharge: Prevention Y / N Response Y / N

Name:

Discussed Discharge: Prevention Y / N Response Y / N

Name:

Discussed Discharge: Prevention Y / N Response Y / N

Name: Date

Discussed Discharge: Prevention Y / N Response Y / N

Name: Date

Discussed Discharge: Prevention Y / N Response Y / N

TOTAL HOURS OF TRAINING

74

Facility QI/Response Manager's Signature

(Sign under each Team Member when column completed)

PREP EXERCISE REPORT

This menu provides access to documentation related to past terminated responses designated to satisfy PREP requirements.

Report Year: 2019

Note: All reports use calendar year as basis for determining requirements.

Export to PDF Export to MS Excel

All 123 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Exercises			Core Components		Completed Exercises - 2019						
			Facility	Exercises							
				Q1 Notification / After Hours Quarterly (I must be unannounced)	Incident Management Team Exercise Annual	Worst Case Scenario	Facility-Owned Equipment Deployment Semi-annual	Unannounced Exercises Semi-annual	Emergency Procedures (Optional) Quarterly		
>			Bakken Interconnect ICP	2 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			Burke County	6 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			City of Williston (COW)	6 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			Crisis Management Plan	2 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			Delaware Basin	4 / 1	05/01/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			Information Systems DRP	2 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			Johnson's Corner	5 / 2	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			McKenzie County	5 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			Montana Counties	3 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			Mountrail County	6 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			Wild Basin Gas Processing & Crude Handling Facility	6 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		
>			Williams County	6 / 3	02/15/2019	Once every three years	06/18/2019	06/18/2019	06/18/2019		

ICON LEGEND

PREP Objectives

Action Items

PREP Exercise Objectives Evaluation

PREP Core Components Evaluation

Requirements not met are highlighted red. Refer to each facility's triennial cycle report for Core Components.

Item Three

§195.403(a)(1),(5) EMERGENCY RESPONSE TRAINING



Name	Hire Date	Position/Title	4 Way Monitor S/N	Safety Leadership	Safety Leadership Refresher	Hazard Recognition	OBOP	Rig Pass/Safeland/ Core
Frequency Mode				One Time Contracted	One Time Contracted	In-House		One Time Contracted
Anderson, Troy	07/11/2016	Plant Operator A - IV, OMS	430715			1/10/2017		7/22/2016
Brause, Robert	03/06/2017	Foreman, Field, OMS		Nov-17				
1251 Brown, Christopher	08/08/2016	Plant Operator A - IV, OMS	430462			2/15/2017	09/18/17	8/19/2016
1296 Buford, Celisa	11/15/2016	Field Administrative Assistant				12/15/2016	03/01/17	11/16/2016
1549 Campbell, Levi	11/06/2017	Maintenance Tech II	480752	Nov-17		2/15/2017	03/01/17	11/10/2017
1211 Deming, Jason	04/11/2016	Plant Operator A - II, OMS	480749			2/15/2017	02/23/17	4/15/2016
1245 Eilefson, Riley	08/08/2016	Pipeline Operator I, OMS	420957			2/15/2017		8/19/2016
1560 Espeland, Tony	11/27/2017	Plant Operator B - 1, OMS	480760					11/30/2017
1212 Garner, Mark	04/11/2016	Foreman, Plant	485688	11/9/2017		12/15/2016	10/26/16	4/15/2016
1236 Gibson, Cody	07/11/2016	Plant Operator B - I, OMS	420485			2/15/2017	03/01/17	7/22/2016
1134 Killion, Jason	01/05/2015	Supt. Operations OMS	420353	Feb-15		2/15/2017	03/01/17	1/9/2015
1223 Kloppel, Steven	06/06/2016	Plant Operator B - II, OMS	410271			1/10/2017		7/22/2016
1213 Langford, William	04/11/2016	Plant Operator B - I, OMS	430758			2/15/2017	03/01/17	4/15/2016
1396 Latchem, Ryan	05/31/2017	Facility Engineer I						
1389 Martinez, Luis	05/30/2017	Pipeline Operator II, OMS	475403					6/9/2017
Meakins, Patrick	11/14/2017	Plant Operator B - I	480773					11/17/2017
1346 Miller, Anthony	02/27/2017	Maintenance Tech III	457411			3/2/2017	09/18/17	3/1/2017
1244 Miller, Tim	07/28/2016	Plant Operator A - II, OMS	430758			2/15/2017	03/01/17	8/19/2016
Morgan, Douglas	11/14/2017	Plant Operator B - 1, OMS	480765					11/17/2017
1316 Norby, Brock	07/28/2016	I&E Technician	420457			2/15/2017	02/23/17	8/19/2016
1329 Page, Ryan	01/09/2017	Measurement Tech	446281			6/8/2017	02/23/17	1/11/2017
Peterson, Dan	08/14/2017	Sr. Staff IT Analyst		11/6/2017			09/18/17	8/25/2017
1086 Quiroz, Lucio	05/26/2015	Plant Operator B - I, OMS	420461			1/10/2017	09/18/17	12/12/2014
1297 Samuel, Curtis	11/14/2016	I&E Technician	433386			2/15/2017	03/01/17	11/16/2016
1302 Schnurr, James	11/21/2016	Plant Operator B - I, OMS	482042			2/15/2017	02/23/17	12/21/2016
1290 Spangler, Ashley	10/13/2016	Pipeline Operator I, OMS	433404			2/15/2017	03/01/17	11/10/2016
1390 Thronburg, Clint	5/31/2017	Pipeline Operator I, OMS					09/18/17	6/9/2017
1571 Walch, Scott	12/18/2017	Plant Operator B - II, OMS	480804					
Williams, Tyler	11/14/2017	Pipeline Operator I, OMS	480750 (480796)					11/17/2017

Spare 4 way

420450

			410181					
Matson, Justin	05/27/2014	Engineer I, Facility						6/19/2015
Geiser, Steven	12/07/2015	Foreman, Field	369719					12/11/2015
Klein, Rickey	01/12/2015	Pipeline Operator I, OMS		Jan-15				1/16/2015
1210 Entzel, Joshua	04/11/2016	Pipeline Operator I, OMS	410131			1/10/2017		4/15/2016
1235 Langford, Billy	07/11/2016	Tech III, Maintenance OMS	432574			2/15/2017	02/23/17	7/22/2016

Safe-P	Active Shooter	Adverse Driving	Ergonomics	SPCC	H2S	Fit Testing	1st Aid/CPR	Hazwoper HR)	(40
One Time	One Time	Annual	Annual	Annual	Annual	Annual	Every 2 yrs	One-Time	
Contracted	Contracted	Contracted	Contracted	In-House	Contracted	Contracted	Contracted	Contracted	
		Last	Next	Last	Next	Last	Next	Last	Next
		7/27/2017	Overdue	6/21/2017	Overdue	7/22/2016	Overdue		
				6/22/2017					
		7/27/2017	Overdue	6/21/2017	Overdue	8/19/2016	Overdue	8/19/2016	Overdue
	12/13/2016	7/27/2017	Overdue	12/13/2016	Overdue	8/19/2016	Overdue	11/16/2016	Overdue
						11/10/17	7-Nov-19	11/7/2017	
		7/26/2017	Overdue	6/22/2017	Overdue	04/15/16	Overdue		5/24/2016
	12/13/2016	8/19/2016	Overdue	12/13/2016	Overdue	08/19/16	Overdue	8/19/2016	8/13/2016
					1-Nov-18	1-Dec-19	30-Nov-19	11/30/2017	
	10/27/2016	7/27/2017	Overdue	6/21/2017	Overdue	04/15/16	Overdue		
		7/27/2017	Overdue	6/22/2017	Overdue	07/22/16	Overdue		
	10/26/2016	7/27/2017	Overdue	4/17/2016	Overdue				
		7/27/2017	Overdue	6/21/2017	Overdue	7/22/2016	Overdue		
		7/27/2017	Overdue	6/21/2017	Overdue	4/15/2016	Overdue		5/24/2016
						6/2/2017	Overdue		Overdue
		7/27/2017		6/22/2017	Overdue	5/31/2017	Overdue	5/31/2017	
					Overdue	11/14/2017	14-Nov-19	11/14/2017	
		7/27/2017		6/22/2017	Overdue	3/2/2017	Overdue	2/28/2017	
		7/27/2017	Overdue	6/22/2017	Overdue	8/19/2016	Overdue		
					Overdue		14-Nov-19	11/14/2017	
		7/27/2017	Overdue	6/21/2017	Overdue	8/19/2016	Overdue	8/19/2016	
		7/27/2017		6/22/2017	Overdue	2/24/2017	Overdue	1/11/2017	
					Overdue		Overdue	8/22/2017	
		7/27/2017	Overdue	6/21/2017	Overdue			5/24/2016	Overdue
		7/27/2017	Overdue	6/21/2017	Overdue		Overdue	11/16/2016	
		7/27/2017	Overdue	6/21/2017	Overdue		Overdue	12/21/2016	
	12/13/2016		Overdue	12/13/2016	Overdue	3/20/2017	Overdue	11/10/2016	
					Overdue	5/31/2017	Overdue	5/31/2017	
					11/14/2017	Overdue	14-Nov-19	11/14/2017	

				5/31/2014	Overdue				
	10/27/2016	10/26/2016	Overdue	4/17/2016	Overdue	12/10/2015	Overdue		
		4/28/2016	Overdue	4/17/2016	Overdue	1/16/2015	Overdue		
		10/23/2016	Overdue	12/13/2016	Overdue	1/5/2017	Overdue	4/15/2016	Overdue
	10/27/2016	10/27/2016	Overdue	6/21/2017	Overdue	7/22/2016	Overdue		

Name	Hire Date	Position/Title	Fall Protection	Hazard Communication	Materials Handling and Storage	Respiratory Protection	Bloodborne Pathogens	Benzene Safety	Emergency Action Plans	Preventing Slips, Trips, Falls	Quarter 3					Quarter 4				
											9/25/2018	9/15/2018	9/5/2018	9/25/2018	10/7/2018	10/7/2018	10/7/2018	10/7/2018	10/7/2018	10/7/2018
1708 Banie, Brett	7/30/2018	Pipeline Operator I									9/25/2018	9/15/2018	9/5/2018	9/25/2018	10/7/2018	10/7/2018	10/7/2018	10/7/2018	10/7/2018	10/7/2018
1710 Barnett, Brent	8/27/2018	Plant Operator B - I, OMS										12/11/2018			12/7/2018	12/7/2018	12/7/2018	12/7/2018	12/7/2018	
1837 Barry, Corey	04/09/2018	Plant Operator B - II, OMS									7/3/2018	7/3/2018	7/3/2018	7/3/2018	11/19/2018	11/19/2018	11/19/2018	11/19/2018	11/19/2018	
1840 Beisinger, Rob	11/05/2018	Plant Operator B - I, OMS																		
1294 Brause, Robert	03/09/2017	Foreman, Field, OMS																		
1726 Brown, Chris	08/27/2018	Plant Operator IV, OMS																		
1298 Buford, Celsa	11/15/2016	Field Administrative Assistant									12/19/2018	12/31/2018	12/19/2018	12/19/2018	12/19/2018	12/19/2018	12/19/2018	12/19/2018	12/19/2018	
1540 Campbell, Levi	11/09/2017	Maintenance Tech II									8/27/2018	7/12/2018	8/21/2018	7/12/2018	10/26/2018	10/26/2018	10/26/2018	10/26/2018	10/26/2018	
1596 Canuto, Tristan	02/28/2018	Plant Operator B - I, OMS									6/18/2018	6/18/2018	6/18/2018	6/18/2018	12/31/2018	12/31/2018	12/31/2018	12/31/2018	12/31/2018	
1587 Christian, Dawson	07/15/2017	Plant Operator B - I, OMS									4/3/2018	4/3/2018	4/3/2018	4/3/2018	10/12/2018	10/12/2018	10/12/2018	10/12/2018	10/12/2018	
1763 Corinne, Sean	10/05/2018	Plant Operator B - I, OMS									5/31/2018	5/31/2018	5/31/2018	5/31/2018	9/25/2018	9/25/2018	9/25/2018	9/25/2018	9/25/2018	
1672 Dawson, Riley	05/15/2018	Plant Operator B - II, OMS													12/21/2018	12/21/2018	12/21/2018	12/21/2018	12/21/2018	
1634 Dean, Ash	04/09/2018	Plant Operator A - III													9/14/2018	9/14/2018	9/14/2018	9/14/2018	9/14/2018	
1618 Decalle, Dexter	03/28/2018	IAE Tech IV													8/6/2018	8/6/2018	8/6/2018	8/6/2018	8/6/2018	
1211 Deming, Jason	04/11/2016	Plant Operator A - II, OMS									9/12/2018	9/12/2018	9/12/2018	9/12/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	
1665 Dillman, Donny	06/04/2018	Plant Operator B - II, OMS									9/23/2018	9/23/2018	9/23/2018	9/23/2018	9/29/2018	9/29/2018	9/29/2018	9/29/2018	9/29/2018	
1740 Eastman, Isaac	09/10/2018	Facility Engineer I																		
1245 Etieffon, Riley	06/09/2018	Pipeline Operator I, OMS									5/22/2018	5/22/2018	5/22/2018	5/22/2018						
1737 Escobedo, Julius	09/10/2018	Plant Operator													12/27/2018	12/27/2018	12/27/2018	12/27/2018	12/27/2018	
1642 Foreman, Joseph	04/29/2018	Maintenance Tech III									9/25/2018	9/6/2018	9/25/2018	9/25/2018	9/6/2018	9/6/2018	9/6/2018	9/6/2018	9/6/2018	
1690 George, Joshua	07/16/2018	Tech II, IAE													10/19/2018	10/19/2018	10/19/2018	10/19/2018	10/19/2018	
1236 Gibson, Cody	07/11/2016	Plant Operator B - I, OMS									10/1/2018	10/1/2018	7/5/2018	7/5/2018	10/1/2018	12/14/2018	12/14/2018	12/14/2018	12/14/2018	
1800 Harris, Jeremiah	01/09/2018	Commission Tech									7/18/2018	7/18/2018	7/18/2018	7/18/2018	7/12/2018	7/12/2018	7/12/2018	7/12/2018	7/12/2018	
1696 Haza, Jeffery	04/09/2018	Pipeline Operator III, OMS									11/6/2018	11/6/2018	11/6/2018	11/6/2018	9/11/2018	9/11/2018	9/11/2018	9/11/2018	9/11/2018	
1720 Jedin, Peter	06/27/2018	Supv. Operations OMS									10/5/2018	12/14/2018	12/14/2018	12/14/2018	12/14/2018	12/14/2018	12/14/2018	12/14/2018	12/14/2018	
1134 Keller, Jason	01/05/2015	Plant Operator B - II, OMS									9/30/2018	9/30/2018	9/30/2018	9/30/2018	10/5/2018	10/5/2018	10/5/2018	10/5/2018	10/5/2018	
1223 Klippel, Steven	06/05/2016	Plant Operator B - II, OMS									4/25/2018	4/25/2018	4/25/2018	4/25/2018	7/12/2018	7/12/2018	7/12/2018	7/12/2018	7/12/2018	
1213 Langford, William	04/11/2016	Plant Operator B - I, OMS									9/27/2018	9/27/2018	9/27/2018	9/27/2018	10/8/2018	10/8/2018	10/8/2018	10/8/2018	10/8/2018	
1366 Lanchford, Ryan	05/31/2017	Facility Engineer I													10/3/2018	10/3/2018	10/3/2018	10/3/2018	10/3/2018	
1366 Longie, Cary	10/22/2018	Process Safety Engineering Advisor																		
1691 Marven, Bill	06/19/2018	Pipeline Operator I, OMS									7/17/2018	7/17/2018	7/17/2018	7/17/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	
1354 Meakin, Patrick	11/14/2017	Plant Operator B - I									4/18/2018	4/18/2018	4/18/2018	4/18/2018	8/5/2018	8/5/2018	8/5/2018	8/5/2018	8/5/2018	
1346 Miller, Anthony	02/27/2017	Maintenance Tech III									6/6/2018	6/6/2018	6/6/2018	6/6/2018	8/11/2018	8/11/2018	8/11/2018	8/11/2018	8/11/2018	
1556 Morgan, Douglas	11/14/2017	Plant Operator B - I, OMS									5/23/2018	5/23/2018	5/23/2018	5/23/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	
1316 Norby, Brock	07/28/2018	IAE Technician									6/13/2018	6/13/2018	6/13/2018	6/13/2018	10/1/2018	10/1/2018	10/1/2018	10/1/2018	10/1/2018	
1727 Olson, James	08/27/2018	Plant Operator A - III, OMS									9/20/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	
1600 Overton, Kalle	03/28/2018	Plant Operator B - I, OMS									6/28/2018	6/28/2018	6/28/2018	6/28/2018	9/25/2018	9/25/2018	9/25/2018	9/25/2018	9/25/2018	
1330 Page, Ryan	01/09/2017	Measurement Tech									6/2/2018	6/2/2018	6/2/2018	6/2/2018	7/20/2018	7/20/2018	7/20/2018	7/20/2018	7/20/2018	
1716 Parker, Joshua	06/19/2018	Pipeline Operator I, OMS																		
1601 Peterson, Dan	09/14/2017	Sr. Staff IT Analyst									9/28/2018	9/28/2018	9/28/2018	9/28/2018	10/3/2018	10/3/2018	10/3/2018	10/3/2018	10/3/2018	
1607 Peterson, Kenneth	07/02/2018	Pipeline Operator I									9/10/2018	9/10/2018	9/10/2018	9/10/2018	10/5/2018	10/5/2018	10/5/2018	10/5/2018	10/5/2018	
1677 Rolison, Jacob	10/04/2018	Plant Operator B - I, OMS									9/7/2018	9/7/2018	9/7/2018	9/7/2018	10/28/2018	10/28/2018	10/28/2018	10/28/2018	10/28/2018	
1762 Roscoe, Seth	10/04/2018	IAE Tech III, OMS																		
1297 Samuel, Curtis	11/14/2018	IAE Technician									9/7/2018	9/7/2018	9/7/2018	9/7/2018						
1302 Schurr, James	11/21/2018	Plant Operator B - I, OMS									8/14/2018	8/14/2018	8/14/2018	8/14/2018						
1280 Spangler, Ashley	10/19/2016	Pipeline Operator I, OMS									6/3/2018	6/3/2018	6/3/2018	6/3/2018						
1756 Stein, Aaron	9/24/2018	Plant Operator I, OMS									6/3/2018	6/3/2018	6/3/2018	6/3/2018						
1599 Sunden, John	2/26/2018	Plant Operator I, OMS+E47,OT									9/20/2018	9/20/2018	9/20/2018	9/20/2018	10/14/2018	10/14/2018	10/14/2018	10/14/2018	10/14/2018	
1750 Thompson, Lucas	5/31/2017	Maintenance Tech II, OMS									5/6/2018	5/6/2018	5/6/2018	5/6/2018	10/8/2018	10/8/2018	10/8/2018	10/8/2018	10/8/2018	
1390 Thornburg, Clint	8/13/2018	Pipeline Operator I, OMS									9/3/2018	9/3/2018	9/3/2018	9/3/2018	10/19/2018	10/19/2018	10/19/2018	10/19/2018	10/19/2018	
1717 Urbatsch, Shawn	12/19/2017	Pipeline Operator I, OMS									9/25/2018	9/25/2018	9/25/2018	9/25/2018	10/8/2018	10/8/2018	10/8/2018	10/8/2018	10/8/2018	
1571 Welch, Scott	11/14/2017	Plant Operator B - II, OMS									7/5/2018	7/5/2018	7/5/2018	7/5/2018	10/30/2018	10/30/2018	10/30/2018	10/30/2018	10/30/2018	
1553 Williams, Tyler	11/14/2017	Pipeline Operator I, OMS									7/5/2018	7/5/2018	7/5/2018	7/5/2018	10/30/2018	10/30/2018	10/30/2018	10/30/2018	10/30/2018	

Hazard Communication:

Workers are exposed to hazardous chemical products every day. This poses serious problems for exposed workers and their employers. Hazard Communication (HazCom) training is designed to provide workers with the information they need to recognize and avoid hazardous chemicals. This course will introduce learners to everything from the content of the HazCom Standard to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) to how to use Safety Data Sheets (SDSs) and chemical labels to prepare for hazards or react to exposures.

Lockout/Tagout

Would you stick your hand into a machine and hope no one turns it on? You can guarantee the machine stays off by locking and tagging it out. Failure to lock out machinery before servicing it is a major cause of injury and death. These deaths and injuries can be prevented by establishing and following an effective lockout and tagout program. Ideal learners include all employees.

PPE

Workplaces can be very dangerous and unpredictable places with loud noises, falling objects, flying sparks, toxic chemicals, whirling blades and belts, you name it. So what is one way to keep yourself safe? By wearing personal protective equipment, commonly known as PPE, you can protect yourself against hazards and reduce your chances of getting hurt or even killed

Fire Prevention

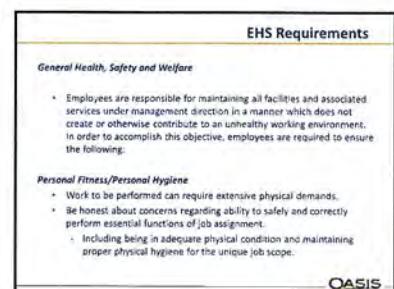
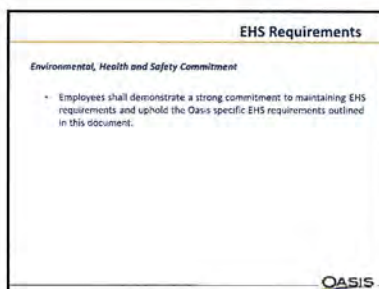
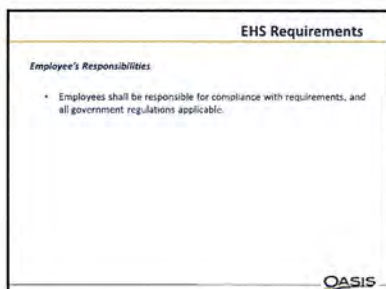
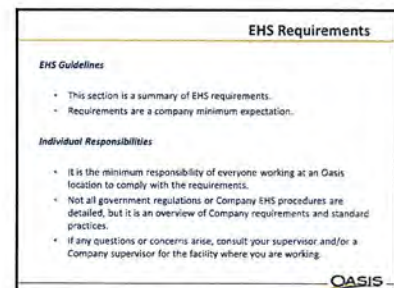
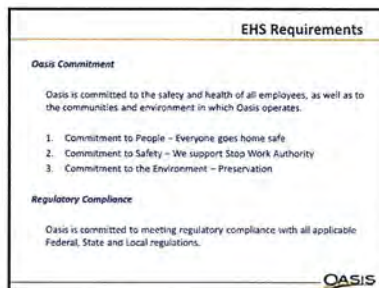
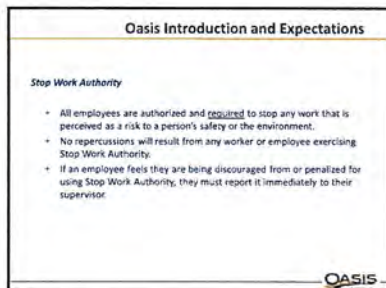
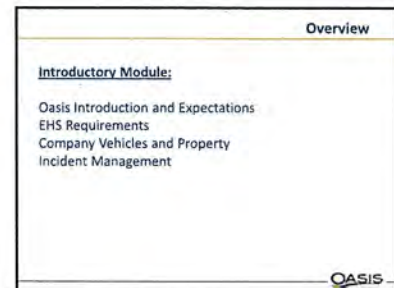
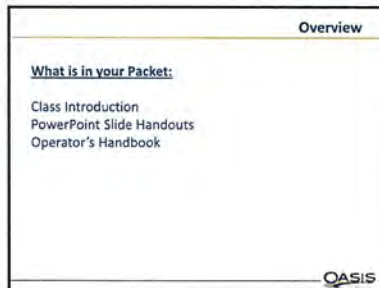
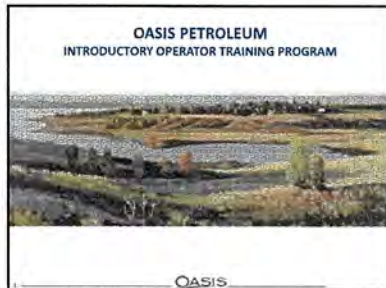
Fire is a terrible way to die or be injured. You cannot assume that having a fire department keeps you safe. Most workplace fires are completely preventable. Take this course to find out how to reduce the risk of fires in your workplace. Ideal learners include all employees.

Hazard Recognition Plus

Hazard Recognition Plus™ (HRP) is a unique approach, based on principles of physics, chemistry, biology, and safety engineering, that teaches workers how to recognize hazards in a simple, systematic, and effective manner.

H₂S

PEC H₂S Clear was designed to improve employee safety for general industry workers who may potentially come in contact with hydrogen sulfide in the workplace. This program meets the revised standards set forth in the [ANSI/ASSE Z390.1—2017](#) and incorporates all of the benefits of a PEC Safety standardized training program. PEC H₂S Clear will provide students with crucial knowledge of the dangers of H₂S and the precautions, tools, and controls necessary when working in potential H₂S environments.



EHS Requirements
EHS Orientation - Each employee must receive the EHS orientation before being allowed on any of the company's work sites. Incident Reporting and Investigation - Required to immediately notify Oasis of any and all safety-related incidents involving any and all employees or contractors. - A written report of such incident must be prepared within twenty-four hours of each incident.


EHS Requirements
Clothing and Other Apparel - FRC pants and shirts, or coveralls are to be worn at all times. - Jewelry and loose clothing are not to be worn. - Clothing saturated with petroleum products or chemicals shall be promptly removed and changed. - All clothing shall be laundered regularly.


EHS Requirements
Storage, Use and Labeling of Chemicals, Solvents and Paints - All chemicals, solvents and paints - Are to be stored in a flame resistant storage locker, in accordance with NFPA 30. - Must be stored after each use. - Must be kept in clearly labeled containers and Safety Data Sheets must be maintained. - All employees must - Familiarize themselves with the Safety Data Sheets for the materials that they will be routinely working around. - Be instructed in the safe use of the chemicals in accordance with an appropriate written Hazard Communication Program. - Wear appropriate PPE.


EHS Requirements
Personal Protective Equipment (PPE) - PPE shall meet ANSI standards. - Appropriate PPE is required to be worn at the worksite. - PPE shall not be altered in any way. - PPE shall be inspected prior to each use and replaced as needed. The following PPE, along with training in its use and care, is to be furnished by Oasis: - Head Protection - Eye and Face Protection - Hand and Foot Protection - Hearing Protection - Flame Resistant Clothing - Clothing for Handling Hazardous Chemicals - Fall Protection


EHS Requirements
Personal Protective Equipment (PPE) Cont. Other equipment (i.e. breathing apparatus, etc) must be worn when the hazards to which an individual is exposed dictate their use. The following PPE shall be used and/or worn by personnel at all times in and around the work site: - Hard Hats - Safety Glasses with Side Shields - Steel-Toed Safety Shoes or Boots - Flame Resistant Clothing (FRCs) - Hearing Protection Must be Worn in High-Noise Areas


EHS Requirements
Hydrogen Sulfide (H2S) - Hydrogen Sulfide may be encountered at company facilities. - Supervisors are responsible for ensuring employees are: - Properly trained. - Equipped in accordance with applicable regulations. - Able to recognize areas in industry where H2S may be encountered due to the nature of the work.


EHS Requirements
Fire Protection - It is forbidden to use fire protection equipment for any other purpose than its intended use. - Oasis shall provide appropriate fire protection based on work. - Fire extinguishers provided are intended for clearing an exit path only. - Smoking – only allowed in designated areas, and is strictly prohibited in areas such as: - Areas with the potential to produce a spark or open flame. - Areas where flammable vapors or combustible materials may exist.


EHS Requirements
Safety Equipment - Management shall: - Provide adequate safety equipment of approved type and amount required for work. - Employee shall: - Maintain equipment. - Keep up-to-date records of equipment.


EHS Requirements
Electrical Safety Personnel working around electrical equipment should: - Ensure equipment is de-energized while work is conducted. - Plan for no less than 10 feet of clearance to overhead power lines throughout the job. - De-energize equipment within a 10 foot radius of overhead power lines prior to starting work. - Use ladders constructed of wood or other nonconductive materials. - Ensure all equipment is properly grounded.


EHS Requirements

Emergencies

Employees shall become familiar with:

- Oasis Emergency and Response plans;
- Procedures at work locations;
- Participating in emergency drills;

Notifying supervisor with questions immediately, for further explanation concerning evacuation or emergency response!

OASIS

INCIDENT MANAGEMENT

INCIDENT MANAGEMENT Basic Incident Management Responsibilities

OASIS

Purpose

To provide a basic overview of lease operator responsibilities in the event of an incident, accident, or well emergency.

Procedure

As a lease operator, your responsibilities are simple in the event of an emergency.

Assessing Immediate Needs:

- Injuries
 - First Aid vs. Emergency
- Fire / Release
- Spill Response
- Police
- Well Control

(If an employee or contractor is injured, what is the Appropriate Response?)

OASIS

Fire / Release

- Assess what is on fire: Scope of Hazard
- Wind Direction / Where personnel are / Muster Area
- Well Management
 - Does the well need to be shut in?
 - Can the well be shut in safely?
- Are there facilities that could cause a greater hazard?
 - Electrical / Flame / etc.
 - Truck Drivers / Personnel on Site
- Size of the Spill
- Type of Spill
- Who do you contact in case of a fire or spill?

OASIS

Incident Management During Fire:

Common practices in catastrophic incidents:

1. Protect Personnel
2. Protect the Environment
3. Protect Facilities / Infrastructure
(in that order)

Keep people away from the area. Only Qualified personnel are authorized to fight location fires.

Only qualified personnel can rescue people from hazardous scenarios.

What to do if you happen upon a contractor who is down on location?



OASIS

Protecting Personnel

Protecting the Public
Location Safety (preventing unauthorized entry)

- Do not allow media on to location
- Direct all media to main office / supervisor
 - Do not engage the press. Oasis employs a Public Information Officer (PIO)
 - Do NOT share photos with any personnel except for supervisors

The most important part of protecting personnel is communicating with the foreman / supervisor all pertinent information:

- Size of incident
- Extent of Spill
- Amount of people involved in incident

OASIS

Incident Management

Incident Management Cont.

- Injury Reporting
 - Employee and Company Benefits
 - Reporting injuries provides Oasis with information in order to prevent future incidents. Near Misses are indicators of potential future accidents.
- Axiom Steps:
 1. Axiom is contacted
 2. The individual making the call is connected with a medical professional
 3. Details about the type of injury and situation are provided. (For this reason a designated emergency response person should be identified at the beginning of the shift).

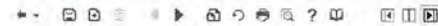
OASIS

Item Four

§195.420(a)(b) VALVE MAINTENANCE



Work Order 89972 Wild Basin Critical Pig Launcher Monthly Valve Greasing



All Work Orders												Run
Work Order	Description	Equipment	Position	Location	Equipment Description	Date Reported	Status	Type	Priority	Priority Icon	Sched. Start Date	Created By
60099	Repair check valve on truck off load line	17223.1			JJ SWD	04/30/2019 13:58	Closed	Corrective Maintenance	Urgent		04/30/2019	SHAUGEN
60096	Leaking Filling on truck Offload Bleeder Valve	RED BANK TRUCK OFFLOAD			RED BANK TRUCK OFFLOAD	04/30/2019 11:12	Closed	Corrective Maintenance	Urgent		04/30/2019	TKNIGHT
60094	Hendricks Booster Discharge Check Valve	PL0001			RED BANK PW PIPELINE	04/30/2019 11:07	Closed	Corrective Maintenance	Routine		04/30/2019	TKNIGHT
60020	Leaking valve HBBV16	PL0013			HEBRON PW PIPELINE	04/26/2019 08:58	Closed	Corrective Maintenance			04/29/2019	MRCSE
60018	Block valve Building replaced. HBBV16	PL0013			HEBRON PW PIPELINE	04/26/2019 08:46	Closed	Corrective Maintenance			04/29/2019	MRCSE
60004	Valve set building	PL0007			ALGER EAST PW PIPELINE	04/25/2019 12:09	In Progress	Corrective Maintenance	Routine		04/25/2019	MROSTAR
59959	Regulated Line 5 MO Valve Maintenance	PL0074			JOHNSON'S CORNER CRUDE PIPELINE	04/23/2019 10:13	Closed	PM-Inspection	Routine		04/30/2019	BNORBY
59956	Regulated Line 5 MO Valve Maintenance	PL0083			CITY OF WILLISTON 6IN CRUDE LINE	04/23/2019 10:12	Closed	PM-Inspection	Routine		05/29/2019	BNORBY
59654	Wild Basin Critical Pig Launcher/Mec. Monthly Valve Greasing	PL0042			WILD BASIN GAS PIPELINE	04/23/2019 10:12	In Progress	PM-Service	Routine		05/01/2019	BNORBY
59926	replaced outboard discharge valves 2nd stage throw 2 / Tony unit 6	CS0002			SOUTH COMPRESSOR STATION	04/19/2019 10:32	Closed	Corrective Maintenance	Urgent		04/19/2019	BWARKEN
59925	replaced discharge valves 2nd stage throw 2 inboards unit 4 / Tony	CS0002			SOUTH COMPRESSOR STATION	04/19/2019 10:27	Closed	Corrective Maintenance	Urgent		04/19/2019	BWARKEN
59882	replace 1 in check valve on flare gas line	CS0002			SOUTH COMPRESSOR STATION	04/17/2019 09:50	Closed	Corrective Maintenance	Urgent		04/17/2019	BWARKEN
59858	McCauley Booster 8" gate valve	PL0001		MCCAULEY BOOSTER	RED BANK PW PIPELINE	04/16/2019 13:00	Ready to Schedule	Corrective Maintenance	Routine		04/19/2019	MTORGERSON

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Details

7 mile Riser

Valve Description: 10" Bail Valve
Position Responsible: Normally Open
Regulated ☒ Non Regulated (Circle)
Due Date: 10-17-18
Date: 10-4-18

Valve Specification

Manufacturer: 37004 Type: Bail Valve Model: WKM
Size: 10" Rating: 600# End Connection: ☐ Screwed ☒ Flanged ☐ Welded
Operator: ☐ Wrench ☒ Hand Wheel ☐ Gear ☐ Operator Tag JLP15

Data Required

Location	☒ Above ground	☒ Mainline	☐ Under Relief Valve	
	☐ Vault	☐ Branch	☐ Blowdown	
	☐ Under ground	☐ Bypass	☐ Upstream	
	☐ Plant	☐ Downstream	☐ Other: _____	
Maintenance			Yes	No
	Valve inspected		☒	
	Valve partially open			☒
	Stem and gearing parts inspected		☒	
	Stem and gearing parts lubricated		☒	
	Power operator tested			☒
	Valve body drained		☒	
	Inspected for atmospheric corrosion		☒	
Security	Repairs required			☒
	Proper Identification for Blow-off		☒	
Security	Lock and chain required.	☒ Yes	☐ No	
	Lock and chain in place	☒ Yes	☐ No	
Completed by: Clint Thompson		Date: 10-4-18		

Documentation Procedure:

1. Gather data and complete the above form.
2. Identify any needed repairs and issue form F-195.422.
3. Place completed form in DOT File 195.420. Retain for 2 years.

Summary of Requirement:

49CFR Part 195.420 "Each operator shall, at intervals not exceeding 7 1/2 months, but at least twice each calendar year, inspect each mainline valve to determine that it is functioning properly."



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Valve Description: 10" Ball Valve Regulated Non Regulated (Circle)
Position Responsible: Normally open Due Date: 10-17-18
Date: 10-4-18

Valve Specification

Manufacturer: 370D4 Type: Ball Valve Model: WKM
Size: 10" Rating: 660# End Connection: ☐ Screwed ☒ Flanged ☐ Welded
Operator: ☐ Wrench ☒ Hand Wheel ☐ Gear ☐ Operator JLP 22

Data Required

Location	☒ Above ground	☒ Mainline	☐ Under Relief Valve	
	☐ Vault	☐ Branch	☐ Blowdown	
	☐ Under ground	☐ Bypass	☐ Upstream	
	☐ Plant	☐ Downstream	☐ Other: _____	
Maintenance			Yes	No
	Valve inspected		☒	
	Valve partially open			☒
	Stem and gearing parts inspected		☒	
	Stem and gearing parts lubricated		☒	
	Power operator tested			☒
	Valve body drained		☒	
	Inspected for atmospheric corrosion		☒	
Security	Repairs required			☒
	Proper Identification for Blow-off		☒	
Security	Lock and chain required.	☒ Yes	☐ No	
	Lock and chain in place	☒ Yes	☐ No	
Completed by: <u>Robert Thronburg</u>		Date: <u>10-4-18</u>		

Documentation Procedure:

1. Gather data and complete the above form.
2. Identify any needed repairs and issue form F-195.422.
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Summary of Requirement:

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Details

DAPH

Valve Description: 10" Ball Valve ☒ Regulated ☐ Non Regulated (Circle)
Due Date: 10-17-18
Position Responsible: Normally Closed Date: 10-4-18

Valve Specification

Manufacturer: 370 D4 Type: Ball Valve Model: WKM
Size: 10" Rating: 600# End Connection: ☐ Screwed ☒ Flanged ☐ Welded
Operator: ☐ Wrench ☒ Hand Wheel ☐ Gear ☐ Operator 3

Data Required

Location	☒ Above ground	☒ Mainline	☐ Under Relief Valve	
	☐ Vault	☐ Branch	☐ Blowdown	
	☐ Under ground	☐ Bypass	☐ Upstream	
	☐ Plant	☐ Downstream	☐ Other: _____	
Maintenance			Yes	No
	Valve inspected		☒	
	Valve partially open			☒
	Stem and gearing parts inspected		☒	
	Stem and gearing parts lubricated		☒	
	Power operator tested			☒
	Valve body drained		☒	
	Inspected for atmospheric corrosion		☒	
	Repairs required			☒
Proper Identification for Blow-off		☒		
Security	Lock and chain required.	☒ Yes	☐ No	
	Lock and chain in place	☒ Yes	☐ No	
Completed by: <u>Clint Thronburg</u> Date: <u>10-4-18</u>				

Documentation Procedure:

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2. Identify any needed repairs and issue form F-195.422.
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Details

Tosco Riser

Valve Description: 10" Ball Valve ☒ Regulated ☐ Non Regulated (Circle)
Due Date: 10-17-18
Position Responsible: Normally open Date: 10-4-18

Valve Specification

Manufacturer: 370D4 Type: Ball Valve Model: WKM
Size: 10" Rating: 600# End Connection: ☐ Screwed ☒ Flanged ☐ Welded
Operator: ☐ Wrench ☒ Hand Wheel ☐ Gear ☐ Operator 4/6

Data Required

Location	☒ Above ground	☒ Mainline	☐ Under Relief Valve	
	☐ Vault	☐ Branch	☐ Blowdown	
	☐ Under ground	☐ Bypass	☐ Upstream	
	☐ Plant	☐ Downstream	☐ Other: _____	
Maintenance			Yes	No
	Valve inspected		☒	☐
	Valve partially open		☐	☒
	Stem and gearing parts inspected		☒	☐
	Stem and gearing parts lubricated		☒	☐
	Power operator tested		☐	☒
	Valve body drained		☒	☐
	Inspected for atmospheric corrosion		☒	☐
Security	Repairs required		☐	☒
	Proper Identification for Blow-off		☒	☐
Security	Lock and chain required.	☒ Yes ☐ No		
	Lock and chain in place	☒ Yes ☐ No		
Completed by: <u>Clint Thrunburg</u>		Date: <u>10-4-18</u>		

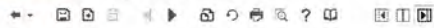
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Summary of Requirement:

49CFR Part 195.420 "Each operator shall, at intervals not exceeding 7 1/2 months, but at least twice each calendar year, inspect each mainline valve to determine that it is functioning properly."

Work Order 68141 Aagvik Nelson 13-26 Moyno Pump Seal



Tabs

All Work Orders											Work Order		Run	
Work Order	Description	Equipment	Position	Location	Equipment Description	Date Reported	Status	Type	Priority	Priority Icon	Sched. Start Date	Created By		
68141	Aagvik Nelson 13-26 Moyno Pump Seal	FL0040			WILD BASIN OIL PIPELINE	07/09/2019 23:20	In Progress	Corrective Maintenance			07/09/2019	BMARXEN		
59959	Regulated Line 8 MO Valve Maintenance	FL0074			JOHN'SON'S CORNER CRUDE PIPELINE	04/23/2019 10:13	Closed	PM-Inspection	Routine		04/30/2019	BNORBY		
59956	Regulated Line 8 MO Valve Maintenance	FL0053			CITY OF WILLISTON 8IN CRUDE LINE	04/23/2019 10:12	Closed	PM-Inspection	Routine		05/29/2019	BNORBY		
48751	Aagvik 13-26 Moyno Pump Leaking	FL0040			WILD BASIN OIL PIPELINE	02/11/2019 06:22	Closed	Corrective Maintenance	Urgent		02/11/2019	TTYWILLIAMS		
48285	Regulated Line 8 MO Valve Maintenance	FL0074			JOHN'SON'S CORNER CRUDE PIPELINE	10/19/2018 06:47	Closed	PM-Inspection	Routine		04/15/2019	APADDOCK		
48284	Regulated Line 8 MO Valve Maintenance	FL0053			CITY OF WILLISTON 8IN CRUDE LINE	10/19/2018 06:47	Closed	PM-Inspection	Routine		04/15/2019	APADDOCK		

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Details

CDP Ryan

Valve Description: 10" Ball Valve Regulated Non Regulated (Circle)
Position Responsible: Normally open Due Date: 10-17-18
Date: 10-4-18

Valve Specification

Manufacturer: 370 D4 Type: Ball Valve Model: WKM
Size: 10" Rating: 660# End Connection: ☐ Screwed ☒ Flanged ☐ Welded
Operator: ☐ Wrench ☒ Hand Wheel ☐ Gear ☐ Operator JLP 22

Data Required

Location	☒ Above ground	☒ Mainline	☐ Under Relief Valve	
	☐ Vault	☐ Branch	☐ Blowdown	
	☐ Under ground	☐ Bypass	☐ Upstream	
	☐ Plant	☐ Downstream	☐ Other: _____	
Maintenance			Yes	No
	Valve inspected		☒	
	Valve partially open			☒
	Stem and gearing parts inspected		☒	
	Stem and gearing parts lubricated		☒	
	Power operator tested			☒
	Valve body drained		☒	
	Inspected for atmospheric corrosion		☒	
Security	Repairs required			☒
	Proper Identification for Blow-off		☒	
Security	Lock and chain required.	☒ Yes ☐ No		
	Lock and chain in place	☒ Yes ☐ No		
Completed by: <u>Robert Thronburg</u>		Date: <u>10-4-18</u>		

Documentation Procedure:

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2. Identify any needed repairs and issue form F-195.422.
3. Place completed form in DOT File 195.420. Retain for 2 years.

Summary of Requirement:

49CFR Part 195.420 "Each operator shall, at intervals not exceeding 7 ½ months, but at least twice each calendar year, inspect each mainline valve to determine that it is functioning properly."



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7 mile Riser

Valve Description: 10" Ball Valve

Regulated Non Regulated (Circle)

Due Date: 10-17-18

Position Responsible: NORMAN OPEN

Date: 10-4-18

Valve Specification

Manufacturer: 370D4 Type: Ball Valve Model: WKM

Size: 10" Rating: 6000# End Connection: ☐ Screwed ☒ Flanged ☐ Welded

Operator: ☐ Wrench ☒ Hand Wheel ☐ Gear ☐ Operator TAJ JLR15

Data Required

Location	☒ Above ground	☒ Mainline	☐ Under Relief Valve
	☐ Vault	☐ Branch	☐ Blowdown
	☐ Under ground	☐ Bypass	☐ Upstream
	☐ Plant	☐ Downstream	☐ Other: _____

Maintenance		Yes	No
	Valve inspected	☒	
	Valve partially open		☒
	Stem and gearing parts inspected	☒	
	Stem and gearing parts lubricated	☒	
	Power operator tested		☒
	Valve body drained	☒	
	Inspected for atmospheric corrosion	☒	
	Repairs required		☒
Proper Identification for Blow-off	☒		

Security	Lock and chain required.	☒ Yes	☐ No
	Lock and chain in place	☒ Yes	☐ No

Completed by: Grant Thompson Date: 10-4-18

Documentation Procedure:

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2. Identify any needed repairs and issue form F-195.422.
3. Place completed form in DOT File 195.420. Retain for 2 years.

Summary of Requirement:

49CFR Part 195.420 "Each operator shall, at intervals not exceeding 7 1/2 months, but at least twice each calendar year, inspect each mainline valve to determine that it is functioning properly."



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Details

DAPl

Valve Description: 10" Ball Valve Regulated Non Regulated (Circle)
Due Date: 10-17-18
Position Responsible: Normally Closed Date: 10-4-18

Valve Specification

Manufacturer: 370 D4 Type: Ball Valve Model: WKM
Size: 10" Rating: 600# End Connection: ☐ Screwed ☒ Flanged ☐ Welded
Operator: ☐ Wrench ☒ Hand Wheel ☐ Gear ☐ Operator 3

Data Required

Location	☒ Above ground ☒ Mainline ☐ Under Relief Valve		
	☐ Vault ☐ Branch ☐ Blowdown		
	☐ Under ground ☐ Bypass ☐ Upstream		
	☐ Plant ☐ Downstream ☐ Other: _____		
Maintenance	Valve inspected	Yes ☒	No ☐
	Valve partially open	☐	☒
	Stern and gearing parts inspected	☒	☐
	Stern and gearing parts lubricated	☒	☐
	Power operator tested	☐	☒
	Valve body drained	☒	☐
	Inspected for atmospheric corrosion	☒	☐
	Repairs required	☐	☒
Proper Identification for Blow-off	☒	☐	
Security	Lock and chain required.	☒ Yes ☐ No	
	Lock and chain in place	☒ Yes ☐ No	
Completed by: <u>Clint Thronburg</u>		Date: <u>10-4-18</u>	

Documentation Procedure:

1. Gather data and complete the above form.
2. Identify any needed repairs and issue form F-195.422.
3. Place completed form in DOT File 195.420. Retain for 2 years.

Summary of Requirement:

49CFR Part 195.420 "Each operator shall, at intervals not exceeding 7 ½ months, but at least twice each calendar year, inspect each mainline valve to determine that it is functioning properly."



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Details

Tussock Riser

Valve Description: 10" Ball Valve

☒ Regulated ☐ Non Regulated (Circle)

Due Date: 10-17-18

Position Responsible: Normally Open

Date: 10-4-18

Valve Specification

Manufacturer: 370D4

Type: Ball Valve

Model: w/km

Size: 10"

Rating: 600#

End Connection: ☐ Screwed

☒ Flanged

☐ Welded

Operator:

☐ Wrench

☒ Hand Wheel

☐ Gear

☐ Operator

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Data Required

Location	☒ Above ground			☒ Mainline			☐ Under Relief Valve																																
	☐ Vault	☐ Under ground	☐ Plant	☐ Branch	☐ Bypass	☐ Downstream	☐ Blowdown	☐ Upstream	☐ Other: _____																														
Maintenance	<table border="1"><thead><tr><th></th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>Valve inspected</td><td>☒</td><td></td></tr><tr><td>Valve partially open</td><td></td><td>☒</td></tr><tr><td>Stern and gearing parts inspected</td><td>☒</td><td></td></tr><tr><td>Stem and gearing parts lubricated</td><td>☒</td><td></td></tr><tr><td>Power operator tested</td><td></td><td>☒</td></tr><tr><td>Valve body drained</td><td>☒</td><td></td></tr><tr><td>Inspected for atmospheric corrosion</td><td>☒</td><td></td></tr><tr><td>Repairs required</td><td></td><td>☒</td></tr><tr><td>Proper Identification for Blow-off</td><td>☒</td><td></td></tr></tbody></table>										Yes	No	Valve inspected	☒		Valve partially open		☒	Stern and gearing parts inspected	☒		Stem and gearing parts lubricated	☒		Power operator tested		☒	Valve body drained	☒		Inspected for atmospheric corrosion	☒		Repairs required		☒	Proper Identification for Blow-off	☒	
		Yes	No																																				
	Valve inspected	☒																																					
	Valve partially open		☒																																				
	Stern and gearing parts inspected	☒																																					
	Stem and gearing parts lubricated	☒																																					
	Power operator tested		☒																																				
	Valve body drained	☒																																					
Inspected for atmospheric corrosion	☒																																						
Repairs required		☒																																					
Proper Identification for Blow-off	☒																																						
Security	Lock and chain required.			☒ Yes			☐ No																																
	Lock and chain in place			☒ Yes			☐ No																																
Completed by: <u>Clara Thrunburg</u> Date: <u>10-4-18</u>																																							

Documentation Procedure:

1. Gather data and complete the above form.
2. Identify any needed repairs and issue form F-195.422.
3. Place completed form in DOT File 195.420. Retain for 2 years.

Summary of Requirement:

49CFR Part 195.420 "Each operator shall, at intervals not exceeding 7 1/2 months, but at least twice each calendar year, inspect each mainline valve to determine that it is functioning properly."



Order Form

As it relates to the Component Systems specified herein, this Order Form is subject to the terms of the Software License Agreement between Infor (US), Inc. ("Infor") and Oasis Petroleum LLC ("Licensee") with an effective date of 5/6/2016 (the "License Agreement"). As it relates to Support for the Component Systems, this Order Form is subject to the applicable terms of the License Agreement (to the extent it concerns Support) or, if Support is the subject of a separate Support agreement related to the License Agreement, the terms of such Support Agreement (the "Support Agreement"). The License Agreement and related Support Agreement (if any) are referred to herein as the "Agreement". All terms of the Agreement are incorporated herein by reference. Capitalized terms not defined in this Order Form are defined in the Agreement. In the event of a conflict, the terms of this Order Form control over the terms of the Agreement.

In the event the capitalized terms in this Order Form differ from the terminology used in the Agreement, references herein to: "Component Systems" means the software products that are being licensed (and may be referred to in the Agreement as Products, Software Products, Software, Programs or Licensed Programs); "Support" means Infor's current standard maintenance and support services (and may be referred to in the Agreement as Maintenance and Support, Annual Support, Support Services, On-Going Support or One Point Support); "Order Form" means a mutually agreed upon ordering document (and may be referred to in the Agreement as Schedule, Supplement or Supplemental Schedule); "User Restriction" means the license restriction applicable to the Component System in addition to any license restrictions in the Agreement; "Annual Escalation Percentage Cap" means the maximum percentage increase in the annual Support Fee on an annual basis. In addition, based on the applicable Agreement, listed Component Systems herein owned by a third party may also be referred to in the Agreement as "Additional Software" or "Third Party Software".

I. Component Systems – PROD: Houston

	Part # (if applicable)	Component Systems	User Restriction*		Support Level**
			Quantity	Type	
1	COG-DS7I-REPCS	Infor EAM Enterprise Edition Advanced Reporting Consumer	10	NU	XT
2	EEN-DS7I-MOB	Infor EAM Enterprise Edition Mobile	22	DV	XT
3	EEN-DS7I-SQL	Infor EAM Enterprise Edition - SQL	10	NU	XT
					Total License Fee: \$85,832.00

* If specified in the User Restriction field:

"DV" = **Device** - Quantity represents the maximum number of individual workstation devices including but not limited to a shop floor computer, hand held scanner, mobile phone (i) on which the Component System is installed and/or (ii) which access the Server software for the purpose of passing the collected data from the device to a server database, regardless of whether the device is connected to the Server at any instant in time.

"NU" = **Named Users** - Allows access to the Component System up to the stated maximum number of individual named users, irrespective as to whether any such user is actively logged on to the Component Systems at a given point in time; The Licensee agrees to assign to each Named User a unique identification profile, it being agreed that to the extent Licensee uses generic user profiles as a means to access the Component System, each separate log-on accessing the Component System will be counted as a separate user.

** Support Level:

Descriptions of the Support levels can be found at <http://www.infor.com/content/brochures/inforxtremesupportplanfeatures.pdf/>.

"XT" = Infor Essential (24x5) / "XTP" = Infor Premium (24x7) / "XTE" = Infor Elite (24x7) Plus

II. Support Services

Additional Annual Support Fee: \$ 17,166.40

Annual Escalation Percentage Cap (effective after the Initial Term): 6% or the then-current year-over-year increase in the Consumer Price Index (CPI-U), whichever is greater.

Initial Term of Support: Order Form Date through Twelve (12) months from Order Form Date.

Fee for Initial Term of Support: \$ 17,166.40

Total Amount Due (before applicable taxes): \$ 102,998.40

Payment Terms:

Payment is due within 15 days of Order Form Date.

Unless otherwise specified all amounts are in United States Dollar.

Currency: USD

Equipment (on which Component Systems will be installed):

Computer Platform:		Model:	
Operating System:		DBMS:	
Serial Number:			

Licensee Account

ID: 100046410

Infor GL ID: US0AB

Account Executive

Name: Mike Carter

Location where equipment is located (if blank, the Delivery Address shall be the licensed Equipment location):

Delivery Address:	Invoice Address:
Oasis Petroleum LLC 1001 Fannin St. #1500 Houston, TX 77002 USA	Oasis Petroleum LLC 1001 Fannin St. #1500 Houston, TX 77002 USA
Contact Name: Amy Paddock	Contact Name: Amy Paddock
Contact Title: Facilities Engineer	Contact Title: Facilities Engineer
Contact Phone: 281-404-9426	Contact Phone: 281-404-9426
Contact email: apaddock@oasispetroleum.com	Contact email: apaddock@oasispetroleum.com

III. Additional Terms

Parties agree that no shipment shall be required for Component Systems previously licensed to the Licensee. For any new Component Systems licensed herein, Delivery shall be FOB Shipping Point.

Licensee's purchase of the licenses specified herein is not contingent or dependent upon the provision of any consulting services. Licensee may choose to purchase from Infor contemporaneously with this Order Form or in the future.

Google Third Party Products: 1) Google, Inc. ("Google") retains all ownership and intellectual property rights in any Google Third Party Products, including but not limited to applicable "Google Content" licensed with or otherwise accessible via any Subscription Services, Subscription Software or Component Systems provided or licensed hereunder. "Google Content" means any content provided by Google through any Google Third Party Products or services (whether created by Google or its third party provider licensors), including map and terrain data, photographic imagery, and traffic data; 2) Licensee is prohibited from publication of benchmark tests run on any Google Third Party Products; 3) Google is a third party beneficiary to this Order Form and any agreements between Licensee and Infor, which govern this Order Form; 4) In connection with the Google Third Party Products, Licensee shall at all times comply with the then current terms located at the following URLs: (i) the Google Maps / Google Earth Additional Terms of Service at: http://maps.google.com/help/terms_maps.html; (ii) the Google Maps / Google Earth Legal Notices at: http://maps.google.com/help/legalnotices_maps.html; and (iii) the Google Service's Acceptable Use Policy at: https://www.google.com/work/earthmaps/legal/universal_aup.html.

The Mobile Software Supplement attached hereto and incorporated herein (the "Mobile Supplement"), sets forth additional terms and conditions applicable to Licensee's access to and use of the Mobile Software described in this Order Form. The terms of the Agreement are hereby amended by the Mobile Supplement as it relates to the Mobile Software. In the event of a conflict between the terms and conditions of the Agreement and the provisions of the Mobile Supplement, the provisions of the Mobile Supplement shall govern and control.

Effective date of this Order Form: _____ (the "Order Form Date"), to be completed by Infor upon countersignature.

THE PARTIES have executed this Order Form through the signatures of their respective authorized representatives.

for: **Infor (US), Inc.** _____

Signature

Typed or Printed Name

Job Title

Date

for: **Oasis Petroleum LLC** _____
(Licensee)

Signature

Typed or Printed Name

Job Title

Date



Work Order Form

PROJECT NAME:

Oasis Petroleum EAM Model Development

WO #:

2018-001

REQUEST DATE:

1/29/2018

**Approver is the Superintendent/Manager with purchase authorization amount exceeding purchase price*

REQUESTOR NAME:

Amy Paddock

APPROVER:

Amy Paddock

SHIP TO LOCATION/ADDRESS:

	N/A
--	-----

SUPPLIER CONTACT NAME:

Tracy Smith

SUPPLIER CONTACT INFORMATION:

EMAIL: tracy.smith@swainsmith.com

NUMBER: 828.215.9471

SUPPLIER ADDRESS:

2550 Mendota Blvd.
Suite 200

Franklin, TN 37067

SPECIAL INSTRUCTION (IF ANY):

**Include copy of quote with the requisition form*

ITEM #:	QTY:	UNITS:	DESCRIPTION:	UNIT PRICE:	EXTENDED PRICE:
1	1	ea	Not to exceed amount for Services to Support Work Management Model Development and Infor Configuration	\$35,000.00	\$35,000.00
				TOTAL:	\$35,000.00

Item Five

§195.446(a)(h)(4) CONTROL ROOM MANAGEMENT



7.1 Policy

A point-to-point verification must be conducted between SCADA displays and related field equipment when field equipment is added or moved and when other changes that affect pipeline safety are made to field equipment or SCADA displays. Simulated signals are used on digital points.

"195.446(c)(2) Conduct a point-to-point verification between SCADA displays and related field equipment when field equipment is added or moved and when other changes that affect pipeline safety are made to field equipment or SCADA displays;"

7.2 Safety Related Points

"195.446(e)(3) Verify the correct safety-related alarm set point values and alarm descriptions when associated field instruments are calibrated or changed and at least once each calendar year, but at intervals not to exceed 15 months."

Safety-Related Points	
Safety-related points are identified through engineering or supervision approval or during the yearly review of the OMSCC Management Plan	
When adding new safety-related points a MOC process is used	
Safety-related points can be designated as points to protect environment, life, and equipment against damage. They are to be checked annually, not to exceed 15 months	
Safety-related points can include, but are not exclusive to:	
	Inlet and Outlet pressure
	Tank Level Switches/Overfill Protection
	Station ESD
	Instantaneous Flow Difference Calculations
	Pressure Switches
Currently identified safety-related points are:	
North Dakota OMS Locations Indian Hills Harrier CTB Pipeline Discharge Pressure	
North Dakota OMS Locations Indian Hills Harrier CTB PLC to ROC-Communications Loss	
North Dakota OMS Locations Indian Hills Osprey CTB Pipeline Discharge Pressure	
North Dakota OMS Locations Indian Hills Osprey CTB PLC to ROC-Communications Loss	
North Dakota OMS Locations Indian Hills Peregrine CTB Pipeline Discharge Pressure	
North Dakota OMS Locations Indian Hills Peregrine CTB PLC to ROC-Communications Loss	
North Dakota OMS Locations Wild Basin Crestwood Interconnect MOV 750 Status	
North Dakota OMS Locations Wild Basin Crestwood Interconnect Oasis Pipeline Pressure	
North Dakota OMS Locations Wild Basin DAPL Interconnect Oasis Pipeline Pressure	
North Dakota OMS Locations Wild Basin Tesoro Interconnect MOV 6105 - Tesoro Valve Status	
North Dakota OMS Locations Wild Basin Wild Basin Tesoro Interconnect PIT 6101 - Inlet Pipeline Pressure	

7.1 Policy

A point-to-point verification must be conducted between SCADA displays and related field equipment when field equipment is added or moved and when other changes that affect pipeline safety are made to field equipment or SCADA displays. Simulated signals are used on digital points.

"195.446(c)(2) Conduct a point-to-point verification between SCADA displays and related field equipment when field equipment is added or moved and when other changes that affect pipeline safety are made to field equipment or SCADA displays;"

7.2 Safety Related Points

"195.446(e)(3) Verify the correct safety-related alarm set point values and alarm descriptions when associated field instruments are calibrated or changed and at least once each calendar year, but at intervals not to exceed 15 months."

These should
be defined

Safety-Related Points	
Safety-related points are identified through engineering or supervision approval or during the yearly review of the OMSCC Management Plan	
When adding new safety-related points a MOC process is used.	
Safety-related points can be designated as points to protect environment, life, and equipment against damage. They are to be checked annually, not to exceed 15 months	
Safety-related points can include, but are not exclusive to:	
	Inlet and Outlet pressure
	Tank Level Switches/Overfill Protection
	Station ESD
	Instantaneous Flow Difference Calculations
	Pressure Switches

They should have all defined
There should be a matrix or list.

2.1 Applicable Regulations and Standards

A controller's authority and responsibility to make decisions and take actions during various stages of operations is defined in the OMS Pipeline Control Center Management Plan and the OMS Pipeline Control Center Operating Procedures. This policy lists the high level roles and responsibilities.

"Each operator must define the roles and responsibilities of a controller during normal, abnormal, and emergency operating conditions. To provide for a controller's prompt and appropriate response to operating conditions, an operator must define each of the following:

- (1) 195.446(b) A controller's authority and responsibility to make decisions and take actions during normal operations;***
- (2) 195.446(b)(2) A controller's role when an abnormal operating condition is detected, even if the controller is not the first to detect the condition, including the controller's responsibility to take specific actions and to communicate with others;***
- (3) 195.446 (b)(3) A controller's role during an emergency, even if the controller is not the first to detect the emergency, including the controller's responsibility to take specific actions and to communicate with others;***
- (4) 195.446(b)(4) A method of recording controller shift-changes and any hand-over of responsibility between controllers;***
- (5) 195.446(b)(5) The roles, responsibilities, and qualifications of others who have the authority to direct or supersede the specific technical actions of controllers."***

2.2 Normal Operations

Defines the authority and responsibility of the following roles to make decisions and take actions during normal operations. The Control Room is normally manned 24/7, and does not normally reduce staff on nights or weekends. A controller must stay at the console until all SCADA commands have been fulfilled and verbal communications are acknowledged.

Normal Operations	
Controller	Has full control to affect actions on the pipeline systems with the appropriate use of procedures
	Cannot change or inhibit alarm or alert set points
	No safety related alarms or points can be modified by controllers
	Ensure safe system operations
	Ability to take any system from an emergency state to safe state
	May engage field personnel to respond to an event without contacting supervision
	Allowed to acknowledge alarms and react accordingly
	Controllers have authorization for full communication with field personnel in regards to responding to alarms, abnormal conditions, emergency conditions, or other actions needed to be taken. Controllers can contact the proper field personnel by using the call out list located at the console.
	Protect pipeline segments from exceeding MAOP and MOP
	May approve or deny the manual operation of valves or other pipeline related equipment by field personnel
	Has control over deliveries and receipts to and from systems
	Should offer suggestions for system improvements and equipment malfunction and recognize deviations from normal operations
	Documentation of operational information and temporary changes through the correct process and documents
	Manage distractions

	Request for an "Out of Service" tag to be placed over equipment undergoing long term maintenance or going out of service
Pipeline Control Room Supervisor	Authorizes deviations from current accepted practices through MOC process
	Assumes the role of a controller
	Can direct or supersede actions of controllers (qualified as a controller)
	Monitors controller fatigue
	Authorized to change alarm set points
	Oversee pipeline operations
	Mark equipment out of service
	Defines and ensures controller qualifications and can also disqualify a controller
	Conducts alarm analysis as specified in the alarm management section
	Participates in the continual improvement of policy and procedure for CRM HMI and alarm management
	Participates in point to point verification
	Participates in incident response
	Engage in audits as appropriate
	Manages hours of service and defines shift lengths
	Participates in the planning of activities involving hydraulic changes to pipeline systems related to new construction or modifications to pipeline
Non- Qualified Personnel	Personnel that are not a qualified controller may offer suggestions or relay information, but cannot direct a controller's specific actions
	Non-qualified personnel may include, but not be exclusive to: Engineers Management Marketing Personnel Field Personnel



Safety Related Points

5/3/2018 2:03 PM

Full Name

North Dakota.OMS.Locations.Indian Hills.Harrier CTB.Pipeline Discharge Pressure
North Dakota.OMS.Locations.Indian Hills.Harrier CTB.PLC to ROC-Communications Loss
North Dakota.OMS.Locations.Indian Hills.Osprey CTB.Pipeline Discharge Pressure
North Dakota.OMS.Locations.Indian Hills.Osprey CTB.PLC to ROC-Communications Loss
North Dakota.OMS.Locations.Indian Hills.Peregrine CTB.Pipeline Discharge Pressure
North Dakota.OMS.Locations.Indian Hills.Peregrine CTB.PLC to ROC-Communications Loss
North Dakota.OMS.Locations.Wild Basin.Crestwood Interconnect.MOV 750 Status
North Dakota.OMS.Locations.Wild Basin.Wild Basin.Crestwood Interconnect.Oasis Pipeline Pressure
North Dakota.OMS.Locations.Wild Basin.Wild Basin.DAPL Interconnect.Oasis Pipeline Pressure
North Dakota.OMS.Locations.Wild Basin.Wild Basin.Tesoro Interconnect.MOV 6105 - Tesoro Valve Status
North Dakota.OMS.Locations.Wild Basin.Wild Basin.Tesoro Interconnect.PIT 6101 - Inlet Pipeline Pressure



Oasis Petroleum				
Tag Name	Low Set Point	High Set Point	Digital Alarm Activation	
North Dakota.OMS.Locations.Indian Hills.Harrier CTB.Pipeline Discharge Pressure	N/A	500 PSIG	N/A	
North Dakota.OMS.Locations.Indian Hills.Harrier CTB.PLC to ROC-Communications Loss	N/A	N/A	YES	
North Dakota.OMS.Locations.Indian Hills.Osprey CTB.Pipeline Discharge Pressure	N/A	500 PSIG	N/A	
North Dakota.OMS.Locations.Indian Hills.Osprey CTB.PLC to ROC-Communications Loss	N/A	N/A	YES	
North Dakota.OMS.Locations.Indian Hills.Peregrine CTB.Pipeline Discharge Pressure	N/A	500 PSIG	N/A	
North Dakota.OMS.Locations.Indian Hills.Peregrine CTB.PLC to ROC-Communications Loss	N/A	N/A	YES	
North Dakota.OMS.Locations.Wild Basin.Crestwood Interconnect.Crestwood Communication Status	N/A	N/A	YES	
North Dakota.OMS.Locations.Wild Basin.Crestwood Interconnect.ESD Status	N/A	N/A	YES	
North Dakota.OMS.Locations.Wild Basin.Crestwood Interconnect.PIT 750 Pressure	N/A	400 PSIG	N/A	
North Dakota.OMS.Locations.Wild Basin.Crestwood Interconnect.Oasis Pipeline Pressure	N/A	400 PSIG	N/A	
North Dakota.OMS.Locations.Wild Basin.DAPL Interconnect.Oasis Pipeline Pressure	N/A	400 PSIG	N/A	
North Dakota.OMS.Locations.Wild Basin.DAPL Interconnect.SCADA Communications Loss	N/A	N/A	YES	
North Dakota.OMS.Locations.Wild Basin.Tesoro Interconnect.PIT 6101 - Inlet Pipeline Pressure	N/A	400 PSIG	N/A	
North Dakota.OMS.Locations.Wild Basin.Tesoro Interconnect.SCADA Comm Failure	N/A	N/A	YES	
North Dakota.EW/SPlant.Site.Crude Area.Outlet.Equipment.Analog Inputs.P1_487.PV	N/A	900 PSIG	N/A	



**OASIS Control Room
Control Room Management Plan
Point to Point Form**

Date: 11/14/17	System: City of Williston				Station: Harrier CTB		Reason for Verification: Initial Verification					
	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
	Field	SCADA	Field	SCADA	Field	SCADA						
P/L Discharge Pressure	.6	.2	1502.3	1501.9	504.3	502.4	Yes	N/a	Yes	500	Yes	
Comm Fail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes	
Field Representative: Cody Hall							SCADA Representative: Matthew McClure					



**OMS Control Room
Control Room Management Plan
*Point to Point Form***

Date: 11/14/17		System: City of Williston				Station: Osprey CTB		Reason for Verification: Initial Verification				
Tag Name	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
	Field	SCADA	Field	SCADA	Field	SCADA						
P/L Discharge Pressure	.3	.5	1501.8	1500.6	506.2	504.9	Yes	N/a	Yes	500	Yes	
Comm Fail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes	
Field Representative: Cody Hall							SCADA Representative: Matthew McClure					



**OAS Control Room
Control Room Management Plan
Point to Point Form**

Date: 11/14/17	System: City of Williston				Station: Peregrine CTB		Reason for Verification: Initial Verification					
	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
	Field	SCADA	Field	SCADA	Field	SCADA						
Tag Name												
P/L Discharge Pressure	.6	.8	1503.9	1502.6	502.1	501.6	Yes	N/a	Yes	500	Yes	
Comm Fail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes	
Field Representative: Cody Hall							SCADA Representative: Matthew McClure					

David Copeland

From: Matt McClure
Sent: Saturday, October 20, 2018 10:21 AM
To: Carmack, Kenneth (PHMSA)
Cc: David Copeland
Subject: Re: Questions

Kenneth,

With each one of these sites being very simple, there were not any additional points checked.

Sent from my iPhone

On Oct 18, 2018, at 3:32 PM, Carmack, Kenneth (PHMSA) <kenneth.carmack@dot.gov> wrote:

Thanks David,

What I'm trying to determine is if there are additional points that are not safety related that would go through the point to point process?

From: David Copeland [<mailto:dcopeland@oasispetroleum.com>]
Sent: Monday, October 15, 2018 11:09 AM
To: Carmack, Kenneth (PHMSA) <kenneth.carmack@dot.gov>
Cc: Matt McClure <mmcclure@oasispetroleum.com>
Subject: RE: Questions

Wes,

The 14 points are safety related. OMS does not control PIT 750. Please, include Matt McClure, Control Room Supervisor, in the email chain should there be any add'l CRM/SCADA questions. That will help us get any information to you quicker. Thanks!

I will look through the other items you listed on Thursday later this afternoon.

Best Regards,

David Copeland
Sr. Regulatory Specialist
713.770.6430
<image001.png>

From: Carmack, Kenneth (PHMSA) [<mailto:kenneth.carmack@dot.gov>]
Sent: Friday, October 12, 2018 8:11 AM

To: David Copeland <dcopeland@oasispetroleum.com>

Subject: RE: Questions

No problem David, I just want to make sure I understand. Just to be clear, there are now 14 control points total? All 14 are safety related? Does the control room control PIT 750?

Thanks

From: David Copeland [<mailto:dcopeland@oasispetroleum.com>]

Sent: Thursday, October 11, 2018 3:39 PM

To: Carmack, Kenneth (PHMSA) <kenneth.carmack@dot.gov>

Cc: Matt McClure <mmcclure@oasispetroleum.com>

Subject: RE: Questions

Wes,

Apologies, I misunderstood your request. There are 14 total points between the two systems; we do not have a record of one comm status on the JC system. In addition, one point, PIT 750 for Crestwood is owned by them, not Oasis, and needs to be removed.

Best Regards,

David Copeland
Sr. Regulatory Specialist
713.770.6430
<image001.png>

From: Carmack, Kenneth (PHMSA) [<mailto:kenneth.carmack@dot.gov>]

Sent: Thursday, October 11, 2018 1:37 PM

To: David Copeland <dcopeland@oasispetroleum.com>

Subject: RE: Questions

Thanks David,

Can you tell me how many total points there are? I think this is the only thing missing at this time.

From: David Copeland [<mailto:dcopeland@oasispetroleum.com>]

Sent: Tuesday, October 09, 2018 1:17 PM

To: Carmack, Kenneth (PHMSA) <kenneth.carmack@dot.gov>

Cc: Matt McClure <mmcclure@oasispetroleum.com>

Subject: RE: Questions

Wes,

Attached to this email please find reviewed and amended records for CR.SCADA.POINTVERIFY.R.

Best Regards,

David Copeland
Sr. Regulatory Specialist
713.770.6430
<image001.png>

From: Carmack, Kenneth (PHMSA) [<mailto:kenneth.carmack@dot.gov>]
Sent: Friday, October 5, 2018 3:06 PM
To: David Copeland <dcopeland@oasispetroleum.com>
Subject: Questions

Hi David,

I think the only thing I'm missing from this list is item #3.

Thanks

From: Carmack, Kenneth (PHMSA)
Sent: Monday, October 01, 2018 3:21 PM
To: David Copeland <dcopeland@oasispetroleum.com>
Subject: Questions

Hello David,

Can you provide the following information, I'm getting close to wrapping things up on my end. If you have any additional submittals please do so by tomorrow or let me know your needed timeframe.

1. EP.ETR.TRAINING.R – How many employees received the OPA training as part of the training for emergency response personnel in 2017.
2. MO.RW.PATROL.R – Can you please verify that the patrols that we are missing records for were not performed.
3. CR.SCADA.POINTVERIFY.R – Please verify the total number of points that have had point to point checks performed for both units.
4. Please provide the HCA segment identification records for the COW line.
5. I still need the Rosen ILI report.

Thanks

Wesley Carmack, P.E.
General Engineer
PHMSA – Central Region
Office: 816-329-3889
Cell: 816-332-9575
kenneth.carmack@dot.gov

telephone and to delete this transmission with any attachments and destroy all copies in any form. Thank you in advance for your cooperation.

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Item Six

§195.446(a)(j)(1) CONTROL ROOM MANAGEMENT



7.1 Policy

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When adding new safety-related points a MOC process is used	
Safety-related points can be designated as points to protect environment, life, and equipment against damage. They are to be checked annually, not to exceed 15 months	
Safety-related points can include, but are not exclusive to:	
	Inlet and Outlet pressure
	Tank Level Switches/Overfill Protection
	Station ESD
	Instantaneous Flow Difference Calculations
	Pressure Switches
<u>Currently identified safety-related points are:</u>	
North Dakota OMS Locations Indian Hills Harrier CTB Pipeline Discharge Pressure	
North Dakota OMS Locations Indian Hills Harrier CTB PLC to ROC-Communications Loss	
North Dakota OMS Locations Indian Hills Osprey CTB Pipeline Discharge Pressure	
North Dakota OMS Locations Indian Hills Osprey CTB PLC to ROC-Communications Loss	
North Dakota OMS Locations Indian Hills Peregrine CTB Pipeline Discharge Pressure	
North Dakota OMS Locations Indian Hills Peregrine CTB PLC to ROC-Communications Loss	
North Dakota OMS Locations Wild Basin Crestwood Interconnect MOV 750 Status	
North Dakota OMS Locations Wild Basin Crestwood Interconnect Oasis Pipeline Pressure	
North Dakota OMS Locations Wild Basin DAPL Interconnect Oasis Pipeline Pressure	
North Dakota OMS Locations Wild Basin Tesoro Interconnect MOV 6105 - Tesoro Valve Status	
North Dakota OMS Locations Wild Basin Wild Basin Tesoro Interconnect PIT 6101 - Inlet Pipeline Pressure	

7.1 Policy

A point-to-point verification must be conducted between SCADA displays and related field equipment when field equipment is added or moved and when other changes that affect pipeline safety are made to field equipment or SCADA displays. Simulated signals are used on digital points.

"195.446(c)(2) Conduct a point-to-point verification between SCADA displays and related field equipment when field equipment is added or moved and when other changes that affect pipeline safety are made to field equipment or SCADA displays;"

7.2 Safety Related Points

"195.446(e)(3) Verify the correct safety-related alarm set point values and alarm descriptions when associated field instruments are calibrated or changed and at least once each calendar year, but at intervals not to exceed 15 months."

These should be defined

Safety-Related Points	
Safety-related points are identified through engineering or supervision approval or during the yearly review of the OMSCC Management Plan	
When adding new safety-related points a MOC process is used .	
Safety-related points can be designated as points to protect environment, life, and equipment against damage..	
They are to be checked annually, not to exceed 15 months	
Safety-related points can include, but are not exclusive to:	
	Inlet and Outlet pressure
	Tank Level Switches/Overfill Protection
	Station ESD
	Instantaneous Flow Difference Calculations
	Pressure Switches

*They should have all defined
There should be a matrix or list.*

2.1 Applicable Regulations and Standards

A controller's authority and responsibility to make decisions and take actions during various stages of operations is defined in the OMS Pipeline Control Center Management Plan and the OMS Pipeline Control Center Operating Procedures. This policy lists the high level roles and responsibilities.

"Each operator must define the roles and responsibilities of a controller during normal, abnormal, and emergency operating conditions. To provide for a controller's prompt and appropriate response to operating conditions, an operator must define each of the following:

- (1) 195.446(b) A controller's authority and responsibility to make decisions and take actions during normal operations;***
- (2) 195.446(b)(2) A controller's role when an abnormal operating condition is detected, even if the controller is not the first to detect the condition, including the controller's responsibility to take specific actions and to communicate with others;***
- (3) 195.446 (b)(3) A controller's role during an emergency, even if the controller is not the first to detect the emergency, including the controller's responsibility to take specific actions and to communicate with others;***
- (4) 195.446(b)(4) A method of recording controller shift-changes and any hand-over of responsibility between controllers;***
- (5) 195.446(b)(5) The roles, responsibilities, and qualifications of others who have the authority to direct or supersede the specific technical actions of controllers."***

2.2 Normal Operations

Defines the authority and responsibility of the following roles to make decisions and take actions during normal operations. The Control Room is normally manned 24/7, and does not normally reduce staff on nights or weekends. A controller must stay at the console until all SCADA commands have been fulfilled and verbal communications are acknowledged.

Normal Operations	
Controller	Has full control to affect actions on the pipeline systems with the appropriate use of procedures
	Cannot change or inhibit alarm or alert set points
	No safety related alarms or points can be modified by controllers
	Ensure safe system operations
	Ability to take any system from an emergency state to safe state
	May engage field personnel to respond to an event without contacting supervision
	Allowed to acknowledge alarms and react accordingly
	Controllers have authorization for full communication with field personnel in regards to responding to alarms, abnormal conditions, emergency conditions, or other actions needed to be taken. Controllers can contact the proper field personnel by using the call out list located at the console.
	Protect pipeline segments from exceeding MAOP and MOP
	May approve or deny the manual operation of valves or other pipeline related equipment by field personnel
	Has control over deliveries and receipts to and from systems
	Should offer suggestions for system improvements and equipment malfunction and recognize deviations from normal operations
	Documentation of operational information and temporary changes through the correct process and documents
	Manage distractions

	Request for an "Out of Service" tag to be placed over equipment undergoing long term maintenance or going out of service
Pipeline Control Room Supervisor	Authorizes deviations from current accepted practices through MOC process
	Assumes the role of a controller
	Can direct or supersede actions of controllers (qualified as a controller)
	Monitors controller fatigue
	Authorized to change alarm set points
	Oversee pipeline operations
	Mark equipment out of service
	Defines and ensures controller qualifications and can also disqualify a controller
	Conducts alarm analysis as specified in the alarm management section
	Participates in the continual improvement of policy and procedure for CRM HMI and alarm management
	Participates in point to point verification
	Participates in incident response
	Engage in audits as appropriate
	Manages hours of service and defines shift lengths
	Participates in the planning of activities involving hydraulic changes to pipeline systems related to new construction or modifications to pipeline
Non- Qualified Personnel	Personnel that are not a qualified controller may offer suggestions or relay information, but cannot direct a controller's specific actions
	Non-qualified personnel may include, but not be exclusive to: Engineers Management Marketing Personnel Field Personnel



Safety Related Points

5/3/2018 2:03 PM

Full Name

North Dakota.OMS.Locations.Indian Hills.Harrier CTB.Pipeline Discharge Pressure
North Dakota.OMS.Locations.Indian Hills.Harrier CTB.PLC to ROC-Communications Loss
North Dakota.OMS.Locations.Indian Hills.Osprey CTB.Pipeline Discharge Pressure
North Dakota.OMS.Locations.Indian Hills.Osprey CTB.PLC to ROC-Communications Loss
North Dakota.OMS.Locations.Indian Hills.Peregrine CTB.Pipeline Discharge Pressure
North Dakota.OMS.Locations.Indian Hills.Peregrine CTB.PLC to ROC-Communications Loss
North Dakota.OMS.Locations.Wild Basin.Crestwood Interconnect.MOV 750 Status
North Dakota.OMS.Locations.Wild Basin.Wild Basin.Crestwood Interconnect.Oasis Pipeline Pressure
North Dakota.OMS.Locations.Wild Basin.Wild Basin.DAPL Interconnect.Oasis Pipeline Pressure
North Dakota.OMS.Locations.Wild Basin.Wild Basin.Tesoro Interconnect.MOV 6105 - Tesoro Valve Status
North Dakota.OMS.Locations.Wild Basin.Wild Basin.Tesoro Interconnect.PIT 6101 - Inlet Pipeline Pressure



Oasis Petroleum				
Tag Name	Low Set Point	High High Set Point	Digital Alarm Activation	
North Dakota,OMS,Locations,Indian Hills,Harrier CTB,Pipeline Discharge Pressure	N/A	500 PSIG	N/A	
North Dakota,OMS,Locations,Indian Hills,Harrier CTB,PLC to ROC-Communications Loss	N/A	N/A	YES	
North Dakota,OMS,Locations,Indian Hills,Osprey CTB,Pipeline Discharge Pressure	N/A	500 PSIG	N/A	
North Dakota,OMS,Locations,Indian Hills,Osprey CTB,PLC to ROC-Communications Loss	N/A	N/A	YES	
North Dakota,OMS,Locations,Indian Hills,Peregrine CTB,Pipeline Discharge Pressure	N/A	500 PSIG	N/A	
North Dakota,OMS,Locations,Indian Hills,Peregrine CTB,PLC to ROC-Communications Loss	N/A	N/A	YES	
North Dakota,OMS,Locations,Wild Basin,Crestwood Interconnect,Crestwood Communication Status	N/A	N/A	YES	
North Dakota,OMS,Locations,Wild Basin,Crestwood Interconnect,ESD Status	N/A	N/A	YES	
North Dakota,OMS,Locations,Wild Basin,Crestwood Interconnect,PIT 750 Pressure	N/A	400 PSIG	N/A	
North Dakota,OMS,Locations,Wild Basin,Crestwood Interconnect,Oasis Pipeline Pressure	N/A	400 PSIG	N/A	
North Dakota,OMS,Locations,Wild Basin,DAPL Interconnect,Oasis Pipeline Pressure	N/A	400 PSIG	N/A	
North Dakota,OMS,Locations,Wild Basin,DAPL Interconnect,SCADA Communications Loss	N/A	N/A	YES	
North Dakota,OMS,Locations,Wild Basin,Tesoro Interconnect,PIT 6101 - Inlet Pipeline Pressure	N/A	400 PSIG	N/A	
North Dakota,OMS,Locations,Wild Basin,Tesoro Interconnect,SCADA Comm Failure	N/A	N/A	YES	
North Dakota,EWSPlant,Site,Crude Area,Outlet,Equipment,Analog Inputs,PI 487,PV	N/A	900 PSIG	N/A	



**OASIS Control Room
Management Plan
Point to Point Form**

Date: 11/14/17	System: City of Williston				Station: Harrier CTB		Reason for Verification: Initial Verification					
	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
Tag Name	Field	SCADA	Field	SCADA	Field	SCADA						
P/L Discharge Pressure	.6	.2	1502.3	1501.9	504.3	502.4	Yes	N/a	Yes	500	Yes	
Comm Fail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes	
Field Representative: Cody Hall							SCADA Representative: Matthew McClure					



**OMS Control Room
Control Room Management Plan
*Point to Point Form***

Date: 11/14/17		System: City of Williston				Station: Osprey CTB		Reason for Verification: Initial Verification				
Tag Name	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
	Field	SCADA	Field	SCADA	Field	SCADA						
P/L Discharge Pressure	.3	.5	1501.8	1500.6	506.2	504.9	Yes	N/a	Yes	500	Yes	
Comm Fail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes	
Field Representative: Cody Hall							SCADA Representative: Matthew McClure					



OASIS Control Room
Control Room Management Plan
Point to Point Form

Date: 11/14/17		System: City of Williston				Station: Peregrine CTB		Reason for Verification: Initial Verification					
Tag Name	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments	
	Field	SCADA	Field	SCADA	Field	SCADA							
P/L Discharge Pressure	.6	.8	1503.9	1502.6	502.1	501.6	Yes	N/a	Yes	500	Yes		
Comm Fail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes		
Field Representative: Cody Hall							SCADA Representative: Matthew McClure						



**OASIS Control Room
Control Room Management Plan
Point to Point Form**

Date: 4/12/17	System: Johnson's Corner				Station: Crestwood Interconnect		Reason for Verification: Initial Service Check					
	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
	Field	SCADA	Field	SCADA	Field	SCADA						
Tag Name												
Oasis Pipeline Pressure	0.0	0.0	2125.0	2125.7	202.8	202.6	Yes	N/A	Yes	200	Yes	
MOV Status	Open	Open	Closed	Closed	Trans	Trans	Yes	N/A	N/A	N/A	N/A	
Field Representative: Curtis Samuel							SCADA Representative: Matthew McClure					



OASIS Control Room
Control Room Management Plan
Point to Point Form

Date: 4/17/17	System: Johnson's Corner				Station: Crestwood Interconnect		Reason for Verification: Initial Verification					
	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
Tag Name	Field	SCADA	Field	SCADA	Field	SCADA						
Oasis P/L Pressure	0.5	.7	2301.4	2300.7	401.3	402.9	Yes	N/a	Yes	400	Yes	
Comm Fail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes	
ESD	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes	
Field Representative: Curtiss Samuel							SCADA Representative: Matthew McClure					



**OASIS Control Room
Control Room Management Plan
Point to Point Form**

Date: 4/17/17	System: Johnson's Corner				Station: Crude Terminal		Reason for Verification: Initial Verification					
	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
Tag Name	Field	SCADA	Field	SCADA	Field	SCADA						
Oasis P/L Pressure	0.3	.5	2295.8	2298.5	900.5	901.3	Yes	N/a	Yes	900	Yes	
Field Representative: Curtiss Samuel							SCADA Representative: Matthew McClure					



**OAS Control Room
Control Room Management Plan
Point to Point Form**

Date: 5/3/17		System: Johnson's Corner				Station: DAPL Interconnect		Reason for Verification: Initial Service Check				
Tag Name	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
	Field	SCADA	Field	SCADA	Field	SCADA						
PIT 6101	1.2	1.1	2058.0	2057.5	786.8	787.0	Yes	N/A	Yes	400	Yes	Pump was leaking and hard to control. Could not get reading at alarm point.
MOV Status	Open	Open	Closed	Closed	Trans	Trans	Yes	N/A	N/A	N/A	N/A	
Field Representative: Curtis Samuel							SCADA Representative: Matthew McClure					



OASIS Control Room
Control Room Management Plan
Point to Point Form

Date: 4/17/17	System: Johnson's Corner				Station: DAPL Interconnect		Reason for Verification: Initial Verification					
Tag Name	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
	Field	SCADA	Field	SCADA	Field	SCADA						
Oasis P/L Pressure	0.2	.00	2310.2	2309.6	402.9	403.1	Yes	N/a	Yes	400	Yes	
Comm Fail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes	
Field Representative: Curtiss Samuel							SCADA Representative: Matthew McClure					



OASIS Control Room Management Plan
Point to Point Form

Date: 5/3/17	System: Johnson's Corner				Station: Tesoro Interconnect		Reason for Verification: Initial Service Check					
Tag Name	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
	Field	SCADA	Field	SCADA	Field	SCADA						
PIT 6101	.5	.49	1999.8	1993.5	792.5	793.3	Yes	N/A	Yes	400	Yes	Pump was leaking and hard to control. Could not get reading at alarm point.
MOV Status	Open	Open	Closed	Closed	Trans	Trans	Yes	N/A	N/A	N/A	N/A	
Field Representative: Curtis Samuel							SCADA Representative: Matthew McClure					



**OAS Control Room
Control Room Management Plan
*Point to Point Form***

Date: 4/17/17	System: Johnson's Corner				Station: Tesoro Interconnect		Reason for Verification: Initial Verification					
Tag Name	Zero Reading		Full Scale Reading		Alarm Reading		Readings Match (Yes/No)	Corrective Action	Safety Related Point	Alarm Settings	Alarm Activation	Comments
	Field	SCADA	Field	SCADA	Field	SCADA						
PIT 6101	0.3	.02	2301.2	2300.8	405.3	404.2	Yes	N/a	Yes	400	Yes	
Comm Fail	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Yes	n/a	Yes	
Field Representative: Curtiss Samuel							SCADA Representative: Matthew McClure					

David Copeland

From: Matt McClure
Sent: Saturday, October 20, 2018 10:21 AM
To: Carmack, Kenneth (PHMSA)
Cc: David Copeland
Subject: Re: Questions

Kenneth,

With each one of these sites being very simple, there were not any additional points checked.

Sent from my iPhone

On Oct 18, 2018, at 3:32 PM, Carmack, Kenneth (PHMSA) <kenneth.carmack@dot.gov> wrote:

Thanks David,

What I'm trying to determine is if there are additional points that are not safety related that would go through the point to point process?

From: David Copeland [<mailto:dcopeland@oasispetroleum.com>]
Sent: Monday, October 15, 2018 11:09 AM
To: Carmack, Kenneth (PHMSA) <kenneth.carmack@dot.gov>
Cc: Matt McClure <mmcclure@oasispetroleum.com>
Subject: RE: Questions

Wes,

The 14 points are safety related. OMS does not control PIT 750. Please, include Matt McClure, Control Room Supervisor, in the email chain should there be any add'l CRM/SCADA questions. That will help us get any information to you quicker. Thanks!

I will look through the other items you listed on Thursday later this afternoon.

Best Regards,

David Copeland
Sr. Regulatory Specialist
713.770.6430
<image001.png>

From: Carmack, Kenneth (PHMSA) [<mailto:kenneth.carmack@dot.gov>]
Sent: Friday, October 12, 2018 8:11 AM

To: David Copeland <dcopeland@oasispetroleum.com>
Subject: RE: Questions

No problem David, I just want to make sure I understand. Just to be clear, there are now 14 control points total? All 14 are safety related? Does the control room control PIT 750?

Thanks

From: David Copeland [<mailto:dcopeland@oasispetroleum.com>]
Sent: Thursday, October 11, 2018 3:39 PM
To: Carmack, Kenneth (PHMSA) <kenneth.carmack@dot.gov>
Cc: Matt McClure <mmcclure@oasispetroleum.com>
Subject: RE: Questions

Wes,

Apologies, I misunderstood your request. There are 14 total points between the two systems; we do not have a record of one comm status on the JC system. In addition, one point, PIT 750 for Crestwood is owned by them, not Oasis, and needs to be removed.

Best Regards,

David Copeland
Sr. Regulatory Specialist
713.770.6430
<image001.png>

From: Carmack, Kenneth (PHMSA) [<mailto:kenneth.carmack@dot.gov>]
Sent: Thursday, October 11, 2018 1:37 PM
To: David Copeland <dcopeland@oasispetroleum.com>
Subject: RE: Questions

Thanks David,

Can you tell me how many total points there are? I think this is the only thing missing at this time.

From: David Copeland [<mailto:dcopeland@oasispetroleum.com>]
Sent: Tuesday, October 09, 2018 1:17 PM
To: Carmack, Kenneth (PHMSA) <kenneth.carmack@dot.gov>
Cc: Matt McClure <mmcclure@oasispetroleum.com>
Subject: RE: Questions

Wes,

Attached to this email please find reviewed and amended records for CR.SCADA.POINTVERIFY.R.

Best Regards,

David Copeland
Sr. Regulatory Specialist
713.770.6430
<image001.png>

From: Carmack, Kenneth (PHMSA) [<mailto:kenneth.carmack@dot.gov>]
Sent: Friday, October 5, 2018 3:06 PM
To: David Copeland <dcopeland@oasispetroleum.com>
Subject: Questions

Hi David,

I think the only thing I'm missing from this list is item #3.

Thanks

From: Carmack, Kenneth (PHMSA)
Sent: Monday, October 01, 2018 3:21 PM
To: David Copeland <dcopeland@oasispetroleum.com>
Subject: Questions

Hello David,

Can you provide the following information, I'm getting close to wrapping things up on my end. If you have any additional submittals please do so by tomorrow or let me know your needed timeframe.

1. EP.ETR.TRAINING.R – How many employees received the OPA training as part of the training for emergency response personnel in 2017.
2. MO.RW.PATROL.R – Can you please verify that the patrols that we are missing records for were not performed.
3. CR.SCADA.POINTVERIFY.R – Please verify the total number of points that have had point to point checks performed for both units.
4. Please provide the HCA segment identification records for the COW line.
5. I still need the Rosen ILI report.

Thanks

Wesley Carmack, P.E.
General Engineer
PHMSA – Central Region
Office: 816-329-3889
Cell: 816-332-9575
kenneth.carmack@dot.gov

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to the controller to take (or not take.) Procedures should account for the occasion when such authority is invoked and situations when the controller disagrees with the order or decision of such an individual.
[§§ 192.631(b)(5) and 195.446(b)(5)] Original: 01/16/2018

B.08 What qualifications are required for an individual to be authorized to direct or supersede the specific technical actions of a controller?

Any individual that directs or supersedes the specific technical actions of a controller is in control of the pipeline. Therefore, such individuals must be qualified in accordance with Part 192, Subpart N—Qualification of Pipeline Personnel or Part 195, Subpart G—Qualification of Pipeline Personnel, as applicable (i.e., OQ requirements). Such individuals would not necessarily need to be as broadly qualified as a controller. However, such individuals must be qualified to dictate operational decisions commensurate with their authority and responsibilities, in accordance with §§ 192.631(h) or 195.446(h). For operators with multiple pipelines or systems, an individual's qualifications must specify which system, console, control room, and/or portions that are under their authority.
[§§ 192.631(b)(5) and 195.446(b)(5)] Original: 01/16/2018

B.09 When must operators define the roles, responsibilities and qualifications of others with the authority to direct or supersede the specific technical actions of a controller (i.e., when is the compliance deadline)?

After March 24, 2017, if the operator chooses to have individuals authorized to direct or supersede the specific technical actions of a controller; then roles, responsibilities and qualification must be established by the time of implementation.
[§§ 192.631(b)(5) and 195.446(b)(5)] Original: 01/16/2018

B.10 Must an operator establish roles, responsibilities and qualifications of others with the authority to direct or supersede the specific technical actions of a controller if the operator does not intend to allow such individuals?

No, but the operator should establish a written policy disallowing such individuals.
[§§ 192.631(b)(5) and 195.446(b)(5)] Original: 01/16/2018

C. Provide Adequate Information

C.01 Is point-to-point verification required for all SCADA points or only safety-related SCADA points?

The requirement is to verify all safety-related points in the SCADA system. This would also include calculated (software generated) points that are safety-related. Safety related points often, but do not necessarily, have alarms associated with them. Examples of points that may be considered safety

related (and therefore would need to be verified when changes are made to field equipment or SCADA displays) include, but may not be limited to:

- Status of main line valves
- Mainline pressures and flow rates
- Tank levels
- Station in local Control
- Personnel in normally unmanned station
- Station inlet and discharge pressures
- Pump/compressor status
- Leak Detection
- Pressure Regulator inlet and outlet pressures
- PLC/RTU Communications Status
- Emergency Shutdown Status
- Odorant alarms
- Composition alarms, such as H₂S and Water content
- Filtering equipment levels-scrubbers/dehy
- Flame, gas and vapor detectors
- Power supply indications (Low Battery, AC power failure, UPS failure)
- Security monitoring

[§§ 192.631(c)(2) and 195.446(c)(2)]

Original: 6/17/2011

C.02 What constitutes an adequate point-to-point verification?

Principally, the process should verify the actual physical location and sequence among other devices and equipment at the location; and verify the data, information and any control or alarm functions to/from the point are being accurately represented on all SCADA displays on which it resides.

[§§ 192.631(c)(2) and 195.446(c)(2)]

Original: 6/17/2011

C.03 If changes are made to a SCADA display only, with no change to field equipment, do 49 CFR 192.631(c)(2) and 195.446(c)(2) require a point-to-point verification between the SCADA display and related field equipment?

Yes. The rule requires that point-to-point verifications between SCADA displays and related field equipment be conducted when changes are made to the field equipment or SCADA displays associated with safety-related points. In this case, such verification ensures any unintended errors that may have occurred during changes in SCADA displays are identified and corrected.

[§§ 192.631(c)(2) and 195.446(c)(2)]

Original: 6/17/2011

C.04 What is required in a “point-to-point verification between SCADA displays and related field equipment,” and what type of documentation should be generated and maintained?

Point-to-point verification means confirming that the input or output of each field instrument is accurately and reliably reflected in the SCADA information presented to the controller. Operators should document the actual field parameters, as measured in the field, and the corresponding SCADA display information, to record that the SCADA information displays accurately reflect field measurements. The date and names of individuals involved in the verification should also be recorded as a means to help demonstrate thoroughness and authenticity. Alarm set-point values should also be checked at the same time. Operators should remember that this may also apply to changes that are the result of pressure restrictions.

[§§ 192.631(c)(2) and 195.446(c)(2)]

Original: 6/17/2011

Item Seven

§195.505(a)(b) QUALIFICATION PROGRAM



Johnson's Corner OQ
Covered Tasks Performed

2016-2018

Location	Individual	Covered Task	Dates Performed	OQ Date
Field Personnel	Jason Killion	patrolling w/out instrumentation	10/09/2016 to 1/26/2017	4/21/2015
	Luis Martinez	Launching Pig	6/20/2017	NA
			9/25/2017	NA
			Nov-17	NA
		Receiving Pig	6/20/2017	NA
			9/25/2017	NA
			Nov-17	NA
	Josh Entzel	Launching Pig	10/9/2016	NA
			10/9/2016	NA
		Receiving Pig	2/11/2017	NA
			2/11/2017	NA
	Cody Gibson	Operate Valves	No Records	NA
	Ashley Spangler	Operate Valves	No Records	12/18/2017
	Riley Eilefson	Line locating temporary markers	10/10/2016 to present	2/22/2017
Gas Plant Control Room	Jason Demming	monitor pipeline pressure	Continuously-05/01/2017	2/22/2017
		Shutting valves	Continuously-05/01/2017	NA
	Troy Anderson	monitor pipeline pressure	Continuously-05/01/2017	NA
		Shutting valves	Continuously-05/01/2017	NA
	Christopher Brown	monitor pipeline pressure	Continuously-05/01/2017	NA
		Shutting valves	Continuously-05/01/2017	NA
	Tim Miller	monitor pipeline pressure	Continuously-05/01/2017	NA
		Shutting valves	Continuously-05/01/2017	NA
Houston Control Room	BJ Babin	Controlling Flow	05/02/2017 to 11/15/2017	4/4/2017
		Remotely Operate Valves	05/02/2017 to 11/15/2017	4/4/2017
		Startup/stop pumps	05/02/2017 to 11/15/2017	4/5/2017
		Respond to Alarms	05/02/2017 to 11/15/2017	4/5/2017
	Jared Gruenke	Controlling Flow	05/02/2017 to present	4/4/2017
		Remotely Operate Valves	05/02/2017 to present	4/4/2017
		Startup/stop pumps	05/02/2017 to present	4/5/2017
		Respond to Alarms	05/02/2017 to present	4/5/2017
	Mark Kellner	Controlling Flow	05/02/2017 to present	4/4/2017
		Remotely Operate Valves	05/02/2017 to present	4/4/2017
		Startup/stop pumps	05/02/2017 to present	4/5/2017
		Respond to Alarms	05/02/2017 to present	4/5/2017
	Travis Plaster	Controlling Flow	05/02/2017 to present	4/25/2017
		Remotely Operate Valves	05/02/2017 to present	4/26/2017
		Startup/stop pumps	05/02/2017 to present	4/27/2017
		Respond to Alarms	05/02/2017 to present	4/28/2017



2/28/2018

Jason Killion QQ.htm

OpPersEmployeeID	PersVFCandID	PersFirstName	PersMiddleName	PersLastName	QualificationDate	ExpirationDate	TaskID	TaskIdentity	TaskDesc	MethodName	EvalLastName	EvalFirstName	STATUS
071472	JK-07140X-01	Jason	Wade	Killion	4/21/2015	4/21/2018	1159	607OP	Damage Prevention: Observation of Excavating and Backfilling	Oral Examination	Rockol	Roger	Active
071472	JK-07140X-01	Jason	Wade	Killion	4/21/2015	4/21/2018	5073	619OP	Damage Prevention during Vacuum Excavation and Backfilling Activities	Oral Examination	Rockol	Roger	Active
071472	JK-07140X-01	Jason	Wade	Killion	4/21/2015	4/21/2018	1167	701OP	Patrolling Pipeline and Leakage Survey without Instrument	Oral Examination	Rockol	Roger	Active

ExportedExcelFile (1)



Proposal 17031

SUMMARY

Name: Veriforce, LLC
Address: 1575 Sawdust Road, Suite 600
The Woodlands, Texas 77380
Date: October 20, 2017
Contact: Kevin Moody
Phone: 281-962-0217
Email: kevin.moody@veriforce.com
Company Contact: David Copeland
Subject: Oasis Petroleum North America Evaluator Training Proposal

CONFIDENTIALITY NOTICE

The following information is intended for the express use of **Oasis Petroleum North America**. This proposal contains information from Veriforce which is confidential and proprietary and may not be copied or distributed without express written consent from Veriforce. You are hereby notified that if you have received this information in error, any review, dissemination, distribution or copying of this information is strictly prohibited, please contact us immediately by phone (800) 426-1604 and immediately delete this proposal.

SCOPE OF WORK

Instructor Led Evaluator Refresher Training

Veriforce proposes to provide instructor led training to Oasis Petroleum North America personnel addressing the following:

- Review of the history of the Operator Qualification rule
- Regulatory expectations
- Evaluator's role during the evaluation process
- VeriSource familiarization training
- Properly conducting evaluations



Proposal 17031

FINANCIAL ESTIMATE

Evaluator Instructor Fee\$ 5,200.00

(This includes fee for teaching up to 5 evaluators, and travel time. Each additional student who attends the class with the intent of becoming an evaluator will be charged \$200.00 per individual.)

Travel Expenses.....\$ Travel will be billed at cost plus 5%
(Hotel, rental car, airfare, tolls, meals, and parking expenses)

TERMS & CONDITIONS

Proposal Validity: This proposal and associate pricing is valid for **45** days from the date of issue, providing services have been scheduled.

Invoicing: All payments are due 30 days from invoice date. If services rendered occur over a period of time, your company will be invoiced monthly until completion. Services may be suspended if monthly payments are past due.

Conditions: Does your company require a purchase order (PO)? Yes ☐ No ☒
If answered yes, please submit to Veriforce before service(s) have been implemented.
Please indicate the appropriate person to receive invoices and/or billing related questions.

Name David Copeland Email dcopeland@oasispetroleum.com

If you wish to accept this proposal, please sign and return to Veriforce.

Veriforce, LLC

Oasis Petroleum North America

Signature: _____	Signature: <u>David Copeland</u>
Name: _____	Name: <u>David Copeland</u>
Title: _____	Title: <u>Regulatory Specialist II</u>
Date: _____	Date: <u>11/27/2017</u>

**DOT PHMSA 49 CFR Part 195 Review
Johnson's Corner and Kestrel Pipelines**

Prepared for:

Oasis Petroleum Inc.
1001 Fannin Street, Suite 1500
Houston, Texas 77002

Prepared by:

Vertex Resource Services Inc.
7223 Empire Central Drive
Houston, Texas 77040



Dhugal Hanton, B.Sc., P.Ag., P.Biol., SR/WA
VICE PRESIDENT – US OPERATIONS

October 3, 2017

Date



Paul Blenkhorn, B.Sc., P.Eng.
EXECUTIVE VICE PRESIDENT

October 3, 2017

Date

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Operator Qualification	195.507(a) (195.507(b))	Do records indicate personnel qualification records contain the required elements?	Opportunity for Improvement	No records were available for review although they exist on the Veriforce database. OQ plan will be modified to reflect substitution of in-house trainers rather than Veriforce. In the process of contacting Veriforce to make Oasis employees trainers so that they can qualify their own people.	Ensure Veriforce records are available for auditors when requested.
	195.507(a) (195.507(b))	Are qualification records available for contractor personnel that contain the required elements?	Opportunity for Improvement	No records were available for review although they exist on the Veriforce database. OQ plan will be modified to reflect substitution of in-house trainers rather than Veriforce. In the process of contacting Veriforce to make Oasis employees trainers so that they can OQ their own people.	Ensure Veriforce records are available for auditors when requested.
Corrosion Control	195.589(c) (195.555)	Do records document that corrosion control supervisors have maintained a thorough knowledge of corrosion control procedures for which they are responsible?	Corrective Action Required	Third party contractor has been engaged to manage corrosion control program. Third party records were not reviewed or available at time of audit. Corrosion Control Supervisor training is covered in the O&M manual. Access to training records was not available at the time of audit. Future OQ's for contractor will fulfill this requirement.	Ensure that training records of supervisors are filed and available for future audits. Also ensure that OQ records are on file and available for when contractor is performing corrosion tasks.
	195.589(c) (195.567(c))	Do records document that CP test lead wires have been properly maintained?	N/A	Tasks are not due and have not been performed due to this being new line.	Ensure that future corrosion control records are completed and filed and available for review by auditor/audit team.
	195.589(c) (195.569)	Do records document that exposed buried piping was adequately examined for corrosion?	Opportunity for Improvement	Construction records were not available for review. These documents are in the construction files.	Ensure that construction records are easily and readily available for any audits and that future reports are documented and filed and available for review by auditor.
	195.589(c) (195.573(a)(1))	Do records document required monitoring tests have occurred and that adequate cathodic protection levels exist?	Opportunity for Improvement	Third party contractor has been engaged to manage corrosion control program. Tasks are not due and have not been performed due to this being new line.	Ensure that future corrosion control records are completed and filed and available for review by auditor/audit team.
	195.589(c) (195.573(a)(2))	Do records document, when circumstances dictated a need for close interval surveys, dates of completed surveys, data from completed surveys and analysis of completed surveys?	Opportunity for Improvement	Third party contractor has been engaged to manage corrosion control program. Tasks are not due and have not been performed due to this being new line.	Ensure that future corrosion control records are completed and filed and available for review by auditor/audit team.
	195.589(c) (195.573(b)(1)); 195.573(b)(2))	Do records document the adequate re-evaluation of buried pipelines with no cathodic protection for areas of active corrosion?	Opportunity for Improvement	Third party contractor has been engaged to manage corrosion control program. Tasks are not due and have not been performed due to this being new line.	Ensure that future corrosion control records are completed and filed and available for review by auditor/audit team.
	195.589(c) (195.573(c))	Do records document adequate electrical checks of rectifiers, interference bonds, diodes, and reverse current switches and at the required intervals?	Opportunity for Improvement	Third party contractor has been engaged to manage corrosion control program. Tasks are not due and have not been performed due to this being new line.	Ensure that future corrosion control records are completed and filed and available for review by auditor/audit team.
	195.589(c) (195.573(d))	Do records document adequate cathodic protection system inspections on breakout tanks?	N/A	No Breakout Tanks on line	N/A
	195.589(c) (195.573(e))	Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control	Opportunity for Improvement	Third party contractor has been engaged to manage corrosion control program. Tasks are not due and have not been performed due to this being new line.	Ensure that future corrosion control records are completed and filed and available for review by auditor/audit team.
	195.589(c); (195.575(a); 195.575(b); 195.575(c); 195.575(d)	Do records document adequate electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?	Opportunity for Improvement	Third party contractor has been engaged to manage corrosion control program. Tasks are not due and have not been performed due to this being new line.	Ensure that future corrosion control records are completed and filed and available for review by auditor/audit team.

From: [Jason Killion](#)
To: [David Copeland](#)
Subject: FW: Spartan OQ Records
Date: Thursday, March 1, 2018 3:49:31 PM
Attachments: image003.png
Isaac OQ.PNG
Giovani OQ.PNG

Here you go

From: Zac Griggs [mailto:zgriggs@spartancos.com]
Sent: Tuesday, February 27, 2018 10:19 AM
To: Jason Killion <jkillion@oasispetroleum.com>
Cc: Josh Thornock <josh@spartancos.com>
Subject: [SUSPICIOUS URL]Spartan OQ Records

Jason,

I have attached the current OQ records for Giovani and Isaac. The records for Saul and 2 more for Giovani should be going through within a day or so due to paperwork revisions. Thank you.



Zac Griggs / Operations Coordinator
zgriggs@spartancos.com / 303.803.8692

Spartan
9200 E Mineral Ave Ste. 161
Centennial, CO 80112
www.spartancos.com

Rodriguez, Isaac (r-013094-01)					
CQ Records		Training			
Task ID	Result	Evaluation Date	Expiration Date	Evaluator	Evaluator EMail Status
007	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
021	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
417	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
425	Pass	02/20/2018	02/20/2021	Griggs, Zachary	
480	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
482	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
484	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
605	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
691	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
701	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
715	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
805	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
908	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
909	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
915	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
CHK-908	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
OT-03AA-GL(MP)	Pass	02/16/2018	02/16/2022	Griggs, Zachary	
OD-0141	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
OO-0991	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
OG-1001	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
OD-1011	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
OD-1311	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
SCE010	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
SCE028	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
SCE031	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
SCE048	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
SCE044	Pass	02/16/2018	02/16/2023	Griggs, Zachary	

Task ID	Result	Evaluation Date	Expiration Date	Evaluator	Evaluator ERM Status
007	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
021	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
417	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
426	Pass	02/20/2018	02/20/2021	Griggs, Zachary	
433	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
482	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
595	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
851	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
701	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
719	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
996	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
900	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
910	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
CHC-209	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
DTI-036A-GL/MP	Pass	02/16/2018	02/16/2022	Griggs, Zachary	
OQ-0141	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
OQ-0991	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
OQ-1001	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
OQ-1211	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
SCE019	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
SCE029	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
SCE031	Pass	02/16/2018	02/16/2023	Griggs, Zachary	
SCE043	Pass	02/16/2018	02/16/2021	Griggs, Zachary	
SCE094	Pass	02/16/2018	02/16/2023	Griggs, Zachary	



VERIFORCETM

INTEGRATED COMPLIANCE SOLUTIONS

Proposal 17089

SUMMARY

Name: Veriforce, LLC
Address: 1575 Sawdust Road, Suite 600
The Woodlands, Texas 77380
Date: 3.19.19
Contact: Tom Thornton / Casey Cox
Phone: 281-404-7182 / 281-968-0299
Email: tom.thornton@veriforce.com / casey.cox@veriforce.com
Company Contact: David Copeland
Subject: Oasis Petroleum Evaluator Training Class Proposal

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SCOPE OF WORK

Instructor Led Evaluator Training

Veriforce proposes to provide instructor led training to **Oasis Petroleum** personnel addressing the following:

- Review of the history of the Operator Qualification rule
- Regulatory expectations
- Company Specific OQ process
- Evaluator's role during the evaluation process
- VeriSource familiarization training
- Properly conducting evaluations



Proposal 17089

FINANCIAL ESTIMATE

Evaluator Instructor Fee\$ 6,200.00

(This includes fee for teaching up to 10 students and travel time. Each additional student who attends the class with the intent of becoming an evaluator, will be charged \$200.00 per individual)

Travel Expenses.....\$ Cost + 5%

(Hotel, rental car, airfare, tolls, meals, and parking expenses)

TERMS & CONDITIONS

Proposal Validity: This proposal and associate pricing is valid for 45 days from the date of issue, providing services have been scheduled.

Invoicing: All payments are due 30 days from invoice date. If services rendered occur over a period of time, your company will be invoiced monthly until completion. Services may be suspended if monthly payments are past due.

Conditions: Does your company require a purchase order (PO)? Yes ☐ No ☒

If answered yes, please submit to Veriforce before service(s) have been implemented.

Please indicate the appropriate person to receive invoices and/or billing related questions.

Name Aaron Erickson Email aerickson@oasispetroleum.com

If you wish to accept this proposal, please sign and return to Veriforce.

Veriforce, LLC

Oasis Petroleum

Signature: David Copeland

Name: David Copeland

Title: Sr. Regulatory Specialist

Date: 03/19/2019

Signature: Ryan Walker

Name: Ryan Walker

Title: V.P. Sales

Date: 3/19/2019

VeriSource™ for Oasis Petroleum North America

Home Administrative Employees Internal Evaluators Contractors OQ

Internal Evaluators Evaluator Authorized Task List

Internal Evaluator(s)

Company	Division	Area
ALL	ALL	ALL
Location	Job Title	
ALL	ALL	
Filter		

	Link to Tasks	Link to Evaluations	Evaluator Name	Expiration Date	Status
1	View	View	Brause, Robert	Oct 2 2021 12:00AM	Valid
2	View	View	Deming, Jason Chadd	Oct 2 2021 12:00AM	Valid
3	View	View	Erickson, Aaron	Apr 17 2022 12:00AM	Valid
4	View	View	Johnston, Darren Edward	Apr 17 2022 12:00AM	Valid
5	View	View	Kellner, Mark	Oct 2 2021 12:00AM	Valid
6	View	View	Keteri, Blake	Jan 25 2021 12:00AM	Valid
7	View	View	Kjorstad, Fabian	Apr 17 2022 12:00AM	Valid
8	View	View	McClure, Matt	Oct 2 2021 12:00AM	Valid
9	View	View	Page, Ryan	Oct 2 2021 12:00AM	Valid
10	View	View	Swanson, Rick	Apr 17 2022 12:00AM	Valid
11	View	View	Thronburg, Clint	Oct 2 2021 12:00AM	Valid
12	View	View	Torgerson, Monte	Apr 17 2022 12:00AM	Valid
13	View	View	Williams, Tyler	Apr 17 2022 12:00AM	Valid
14	View	View	Wills, Kip	Oct 2 2021 12:00AM	Valid

OQ JOHNSON'S CORNER: PULLED FROM VERIFORCE ON 08/17/2019

PersFirstName	PersLastName	DivisionName	AreaName	LocationName	JobTitleName	QualificationDate	ExpirationDate	TaskID	TaskDesc	MethodName	EvalLastNme	EvalFirstNme	STATUS
Riley	Ellefson	Oasis Petroleum North America	OMS		Operator	2/22/2017	2/22/2020	605	Locate Line/Install Temporary Marking of Buried Pipeline	Observation & Oral Exam.	Rockol	Roger	Active
Riley	Ellefson	Oasis Petroleum North America	OMS		Operator	2/22/2017	2/22/2020	900	ROW Observance (Identifying Foreign Facilities)	Oral Examination	Rockol	Roger	Active
Riley	Ellefson	Oasis Petroleum North America	OMS		Operator	2/22/2017	2/22/2020	703OP	Placing/Maintaining Line Markers	Oral Examination	Rockol	Roger	Active
Ashley	Spangler	Oasis Petroleum North America	OMS		Operator	12/18/2017	12/18/2020	007	Operate Valves	Observation & Oral Exam.	Mapes	Alan	Active
Ashley	Spangler	Oasis Petroleum North America	OMS		Operator	4/16/2019	4/16/2022	716OP	Inspect, Maintain, and Operate Valves	Observation & Oral Exam.	Thronburg	Clint	Active
Ashley	Spangler	Oasis Petroleum North America	OMS		Operator	4/16/2019	4/16/2022	007OP	Operate Valves	Observation & Oral Exam.	Thronburg	Clint	Active
Ashley	Spangler	Oasis Petroleum North America	OMS		Operator	4/16/2019	4/16/2022	021OP	Start-up/Shutdown of Liquid Pipeline to Assure Operation within MOP	Observation & Oral Exam.	Thronburg	Clint	Active
Ashley	Spangler	Oasis Petroleum North America	OMS		Operator	4/16/2019	4/16/2022	661OP	Launching and/or Receiving Internal Devices (Pigs)	Observation & Oral Exam.	Thronburg	Clint	Active
Ashley	Spangler	Oasis Petroleum North America	OMS		Operator	4/16/2019	4/16/2022	720OP	Inspect, Maintain, and Operate Valves (Does Not Include Stem Packing)	Observation & Oral Exam.	Thronburg	Clint	Active
Clint	Thronburg	Oasis Petroleum North America	OMS		Operator	4/4/2018	4/4/2021	661OP	Launching and/or Receiving Internal Devices (Pigs)	Observation & Oral Exam.	Anderson	Troy	Active
Clint	Thronburg	Oasis Petroleum North America	OMS		Operator	4/4/2018	4/4/2021	716OP	Inspect, Maintain, and Operate Valves	Observation & Oral Exam.	Anderson	Troy	Active
Clint	Thronburg	Oasis Petroleum North America	OMS		Operator	4/4/2018	4/4/2021	007OP	Operate Valves	Observation & Oral Exam.	Anderson	Troy	Active
Clint	Thronburg	Oasis Petroleum North America	OMS		Operator	4/4/2018	4/4/2021	720OP	Inspect, Maintain, and Operate Valves (Does Not Include Stem Packing)	Observation & Oral Exam.	Anderson	Troy	Active

