State of New Mexico Energy Minerals and Natural Resources

Form C-144 July 21, 2008

1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Ave., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

Type of action:

Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Modification to an existing permit

For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

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10.	

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method X Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method

Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the
environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. Operator: ConocoPhillips Company OGRID#: 217817
Address: P.O. Box 4289, Farmington, NM 87499
facility or well name: SAN JUAN 28-7 UNIT 113N .
API Number: 30-039-31146 OCD Permit Number:
O/L or Qtr/Qtr: O(SW/SE) Section: 18 Township 27N Range: 7W County: Rio Arriba Center of Proposed Design: Latitude: 36.568515 °N Longitude: 107.613041 °W NAD: 1927 x 1983 Surface Owner: x Federal State Private Tribal Trust or Indian Allotment
X Pit: Subsection F or G of 19.15.17.11 NMAC Permanent Emergency Cavitation P&A PVC Other Cavitation Cavitation P&A Cavitation Cavitation P&A Cavitation Cavitati
Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other Liner Seams: Welded Factory Other
Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: bbl Type of fluid: Tank Construction material: Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other Liner Type: Thickness mil HDPE PVC Other
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, inst Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify	itution or church)
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other Monthly inspections (If netting or screening is not physically feasible)	
Signs: Subsection C of 19.15.17.11 NMAC 12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers X Signed in compliance with 19.15.3.103 NMAC	
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for cons (Fencing/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	ideration of approval.
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.	
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	YesNo
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes No
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	∐NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits)	Yes No
 Visual inspection (certification) of the proposed site; Acrial photo; Satellite image Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. 	Yes No
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality: Written approval obtained from the municipality	Yes No
Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes No
Within a 100-year floodplain - FEMA map	Yes No

Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API or Permit
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Previously Approved Operating and Maintenance Plan API
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Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H2S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NM/Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than t	AC)
facilities are required. Disposal Facility Name: Disposal Facility Permit #:	
Disposal Facility Name: Disposal Facility Permit #: Disposal Facility Name: Disposal Facility Permit #:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for futur Yes (If yes, please provide the information No	
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection H of 19.15.17.13 NM Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	1AC
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided bel certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells	Yes No
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; satellite image	☐Yes ☐No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the time of the initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐Yes ☐No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes No
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within the area overlying a subsurface mine. - Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division	Yes No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes No
Within a 100-year floodplain FEMA map	Yes No
18 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must bee attached to the cloindicate, by a check mark in the box, that the documents are attached.	osure plan. Please
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC	-C 10 15 17 11 NIMAC
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC	DI 19.15.17.11 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMA	AC
Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC	
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	cannot be achieved)
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	

19 Operator Application Certification:			
I hereby certify that the information submitted with this application is true, according to the control of the		best of my knowledge and belief.	
Name (Print):			
Signature:		•	
e-mail address:	Telephone:		
20 OCD Approval: Permit Application (including closure plan) OCD Representative Signature: Title: Compliance Wice	`/M	OCD Conditions (see attachment) Approval Date: 10/17/2013	
21 .			
Closure Report (required within 60 days of closure completion): Sometimes of the completion of the control of the completion of the control of the completion of the control of the	or to implementing any clos etion of the closure activiti n completed.	aire activities and submitting the closure report. The cless. Please do not complete this section of the form until	an
	X Closure	Completion Date: April 16,	2013
Closure Method: Waste Excavation and Removal X On-site Closure Method If different from approved plan, please explain.	Alternative Closure	Method Waste Removal (Closed-loop systems on	ly)
Cleans Barent Percenting Wests Remaind Cleans For Cleard Icen Sus	toms That Hillian Alin	Cround Steel Tanks on Houle of Director	
Closure Report Regarding Waste Removal Closure For Closed-loop Sys Instructions: Please identify the facility or facilities for where the liquids, d			
facilities were utilized.			
Disposal Facility Name: Disposal Facility Name:		Permit Number:	
Were the closed-loop system operations and associated activities performe			
Yes (If yes, please demonstrate compliane to the items below)	No	·	
Required for impacted areas which will not be used for future service and	l operations:		
Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation			
Re-vegetation Application Rates and Seeding Technique			
24		<u> </u>	
Closure Report Attachment Checklist: Instructions: Each of the for	ollowing items must be att	ached to the closure report. Please indicate, by a check	k mark
in the box, that the documents are attached. X Proof of Closure Notice (surface owner and division)			
 X Proof of Closure Notice (surface owner and division) X Proof of Deed Notice (required for on-site closure) 			
X Plot Plan (for on-site closures and temporary pits)			
X Confirmation Sampling Analytical Results (if applicable)		·	
Waste Material Sampling Analytical Results (if applicable)			,
X Disposal Facility Name and Permit Number			
X Soil Backfilling and Cover Installation			
X Re-vegetation Application Rates and Secding Technique			
X Site Reclamation (Photo Documentation) On-site Closure Location: Latitude: 36.568582	°N Longitude: -1	07.613279 °W NAD 1927 x 1983	
OII-SIC CIOSUIC ECCURIOII. LAURUGE. 30.300302	Longitude1	1703	
25			
Operator Closure Certification: I hereby certify that the information and attachments submitted with this clos that the closure complies with all applicable closure requirements and condi			I also certify
Name (Print): DENISE JOURNEY	Title:	REGULATORY TECHNICIAN	
Signature: Deniel Journey	Date:	10/7/2013	
e-mail address: <u>Denise.Journey@conocophillips.com</u>	Telephone:	505-326-9556	

ConocoPhillips Company San Juan Basin Closure Report

Lease Name: SAN JUAN 28-7 UNIT 113N

API No.: 30-039-31146

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144. The temporary pit for this location was constructed and location drilled before June 16, 2008 (effective date for Rule 19.15.17). While closure of the temporary pit did fall within the rule some dates for submittals are after the rig release date.

- Details on Capping and Covering, where applicable. (See report)
- Plot Plan (Pit Diagram) (Included as an attachment)
- Inspection Reports (Included as an attachment)
- Sampling Results (Included as an attachment)
- C-105 (Included as an attachment)
- Copy of Deed Notice will be filed with County Clerk (Not required on Federal, State, or Tribal land as stated by FAQ dated October 30, 2008)

General Plan:

1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division—approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves.

All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B).

2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met.

The pit was closed using onsite burial.

3. The surface owner shall be notified of COPC's closing of the temporary pit as per the approved closure plan using certified mail, return receipt requested.

The closure process notification to the landowner was sent via email. (See Attached)(Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)

Within 6 months of the Rig Off status occurring COPC will ensure that temporary pits are closed, re-contoured, and reseeded.

The closure plan requirements were met due to rig move off date as noted on C-105.

- 5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

Notification is attached.

6. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "All" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

Liner of temporary pit was removed above "mud level" after stabilization. Removal of the liner consisted of manually cutting liner at mud level and removing all remaining liner. Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner was disposed of at a licensed disposal facility, (San Juan County Landfill).

7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

ConocoPhillips mixed the Pit contents with non-waste containing, earthen material in order to achieve the solidification process. The solidification process was accomplished by using a combination of natural drying and mechanically mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio consisted of approximately 3 parts clean soil to 1 part pit contents.

8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached).

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	ND ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	ND ug/kG
TPH	EPA SW-846 418.1	2500	22mg/kg
GRO/DRO	EPA SW-846 8015M	500	16 mg/Kg
Chlorides	EPA 300.1	1000/500	88 mg/L

9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. If standard testing fails COPC will dig and haul all contents pursuant to 19.15.17.13.i.a. After doing such, confirmation sampling will be conducted to ensure a release has not occurred.

The pit material passed solidification and testing standards. The pit area was then backfilled with compacted, non-waste containing, earthen material. More than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

10. During the stabilization process if the liner is ripped by equipment the Aztec OCD office will be notified within 48 hours and the liner will be repaired if possible. If the liner can not be repaired then all contents will be excavated and removed.

The integrity of the liner was not damaged in the pit closure process.

11. Dig and Haul Material will be transported to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit # NM010011

Dig and Haul was not required.

12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final recontour shall have a uniform appearance with smooth surface, fitting the natural landscape.

The pit area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Reshaping included drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final recontour has a uniform appearance with smooth surface, fitting the natural landscape.

13. Notification will be sent to OCD when the reclaimed area is seeded.

Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

14. COPC shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

Provision 14 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

15. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time of all wells on the pad are abandoned. The operator's information will include the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.

Provision 15 was accomplished by installing a steel marker in the temporary pit, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial. The marker is flush with the ground to allow access of the active well pad and for safety concerns. The top of the marker contains a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate contains the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.

The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: CP[C, BLM, SAN JUAN 28-7 UNIT 113N, UL-O, Sec. 18, T 27N, R 7W, API # 30-039-31146

Goodwin, Jamie L

From:

Goodwin, Jamie L

Sent:

Wednesday, July 18, 2012 1:04 PM

To:

'mkelly@blm.gov'

Subject:

SAN JUAN 28-7 UNIT 113N - SURFACE OWNER NOTIFICATION

The subject well (SAN JUAN 28-7 UNIT 113N) will have a temporary pit that will be closed on-site Please let me know if you have any questions.

Thank you,

Jamie Goodwin Regulatory Tech. ConocoPhillips 505-326-9784

Jamie.L.Goodwin@conocophillips.com

Judge each day not by the harvest you reap but by the seeds you sow. Unknown

DISTRICT I 1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised July 16, 2010 Submit one copy to appropriate District Office

DISTRICT II 1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	¹ API Number					
⁴ Property Code	⁶ Property	Name	* Well Number			
	SAN JUAN 28-	-7 UNIT				
OGRID No.	⁸ Operator	Name	⁹ Elevation			
	CONOCOPHILLIPS	COMPANY	6577			
	40					

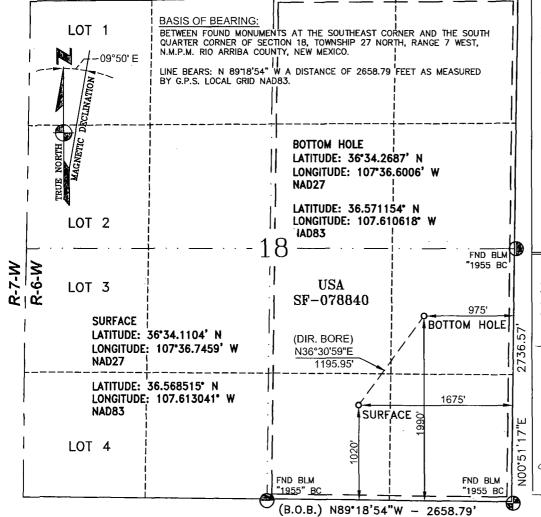
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	18	27-N	7-W		1020	SOUTH	1675	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
1 1	18	27-N	7-W		1990	SOUTH	975	EAST	RIO ARRIBA			
18 Dedicated Acres 15 Joint or Infill					¹⁴ Consolidation (Code	¹⁵ Order No.					
DK 320.00	ACRES E	:/2										
MV 320.00	ACRES E	2/2		_								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organisation either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

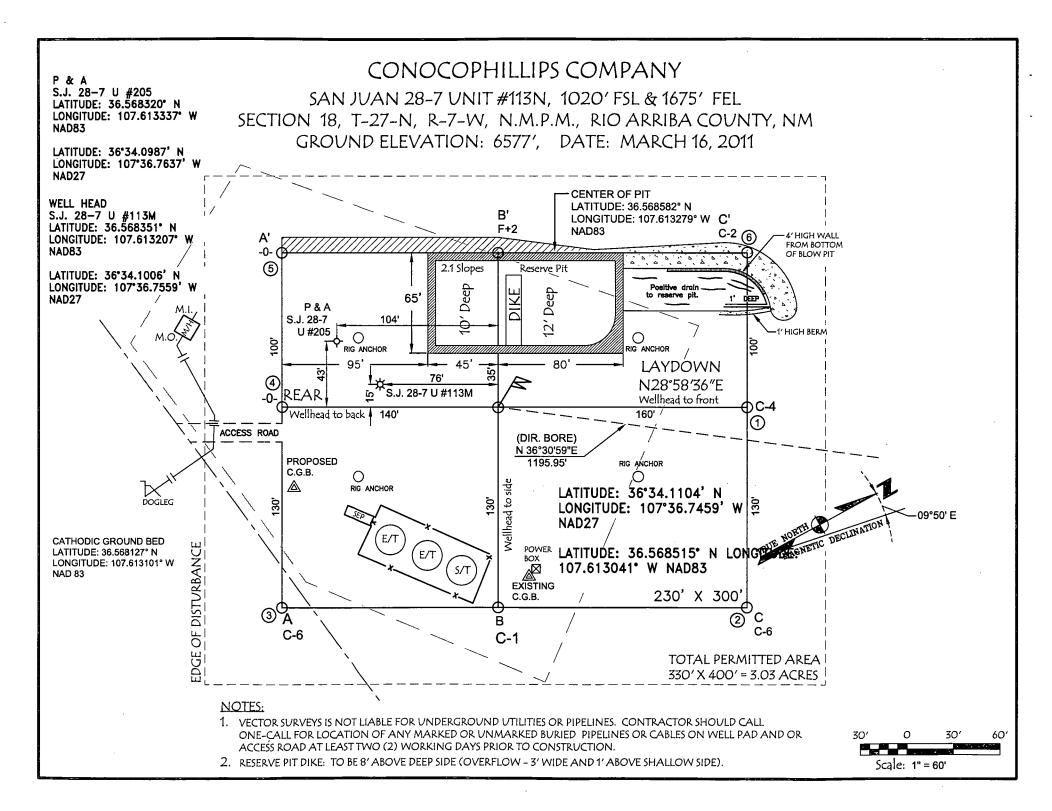
Signature	
Printed Name	

8 SURVEYOR CERTIFICATION

E-mail Address

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.





Submit To Appropr Two Copies	riate Distri	ct Office		State of New Mexico							Form C-105					
District I 1625 N. French Dr.	Hobbe N	INA 88240		Energy, Minerals and Natural Resources					-	July 17, 2008						
District II											1. WELL API NO. 30-039-31146					
1301 W. Grand Ave District III	enue, Arte	sia, NM 88	3210			l Conservat		ŀ	2. Type of Lease							
1000 Rio Brazos Ro District IV	d., Aztec, l	NM 87410		1220 South St. Francis Dr.							STATE FEE FED/INDIAN					
1220 S. St. Francis	Dr., Santa	Fe, NM 8	7505			Santa Fe, N	VM 8	3750:	5		3. State Oil & Gas Lease No.					
WELL (COMP	LETIC	N OR F	RECC	MPL	ETION RE	POR	ATA	ND LOG				, .			
4. Reason for fili	ing:										5. Lease Name San Juan 28-7		t Agreer	nent Name	;	
☐ COMPLETI								-		-	6. Well Numb		N			
										l/or						
7. Type of Comp	letion:															
		WOR	KOVER 🗌	DEEPI	ENING	□PLUGBACE	K □ I	DIFFE	RENT RESERV	/OIR						
8. Name of Opera ConocoPhillips C											9. OGRID 217817					
10. Address of O											11. Pool name	or Wild	cat	***************************************		
12.Location	Unit Ltr	Sec	ction	Towns	hip	Range	Lot		Feet from t	the	N/S Line	Feet fr	om the	E/W Line	County	
Surface:																
BH:										$\neg \dagger$						
13. Date Spudded	1 14. D	ate T.D.	Reached	15. I 3/4/1		g Released	·		16. Date Comp	leted	(Ready to Prod	luce)		. Elevation	s (DF and RKB,	
18. Total Measure	ed Depth	of Well		19. F	lug Bac	k Measured Dep	oth		20. Was Direct	tional	Survey Made?	2	21. Type	e Electric a	nd Other Logs Ri	
22. Producing Int	erval(s),	of this co	mpletion - T	Top, Bot	tom, Na	ame	=-				T					
22					CAS	ING REC	ODI) (De	anort all et	rinc	re cet in w	<u></u>				
23. CASING SIZ	ZE	WE	IGHT LB./I			DEPTH SET	OKL		HOLE SIZE	11112	CEMENTIN		ORD I	AMO	UNT PULLED	
On Since Sin			10111 65.71			DEFITTOET			HOEE SIEE		CENTERVINO	O RECO	JKD	711110	OITT TOLLED	
]					
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SIZE	TOP		I BOT	ТОМ	LIN	ER RECORD SACKS CEM	ENT	SCRE	EEN	25. SIZ		UBING	TH SET		ACKER SET	
26. Perforation	record (i	nterval, s	ize, and nur	nber)					ACID, SHOT,							
							}	DEPT	TH INTERVAL	<u>,</u>	AMOUNT A	NDKI	ND MAI	ERIAL U	SED	
							Ì				<u></u>					
28.							PRC	DU	CTION							
Date First Produc	ction		Product	ion Met	hod <i>(Fla</i>	owing, gas lift, p	umping	z - Size	and type pump,)	Well Status	(Prod.	or Shut-i	in)		
Date of Test	- Hour	s Tested	Cho	ke Size		Prod'n For Test Period		Oil - I	BbI	Gas	- MCF	Wate	er - Bbl.	G	as - Oil Ratio	
Elaw T. Li	C	D · ·		culated :		Oil - Bbl.			ias - MCF	L.,	Water - Bbl.	<u> </u>	Oil C	itu ADI	(Cam)	
Flow Tubing Press.	Casir	ng Pressur		r Rate	24-	OH - Bbi.			ias - MCF]	water - Bbi.		Oli Grav	ity - API -	(Corr.)	
29. Disposition o	f Gas (So	ld, used f	or fuel, veni	ed, etc.)				L				30. Tes	t Witnes	sed By		
31. List Attachme	ents															
32. If a temporary	y pit was	used at th	e well, atta	ch a plat	with th	e location of the	temno	rary nii	t,							
33. If an on-site b			•	•			-		·				 			
JJ, II all off-site t	zariai Was	ร นองน สเ โ	ne wen, rep	on uic t	mact 100	Latitude					Longitude	107.61	3270	NI A	AD 1983	
I hereby certif	fy that t	he info	mation s	hown o					ie and compi	lete						
Signature	Lenus	τ	ourn	y			se Jou	urney	Title R	egu	latory Techn	nician	,Da	ate 10/7/	13	
E-mail Addres	ss Deni	se.Jouri	ney@con	ocophi	llips.c	om										



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

March 19, 2013

Mike Smith Conoco Phillips Farmington 3401 E 30th St Farmington, NM 87402 TEL: FAX:

RE: S.J. 28-7 #113N

OrderNo.: 1303571

Dear Mike Smith:

Hall Environmental Analysis Laboratory received 2 sample(s) on 3/14/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1303571

Date Reported: 3/19/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips Farmington

Project: S.J. 28-7 #113N

Lab ID: 1303571-001 Client Sample ID: Back-Ground

Collection Date: 3/13/2013 10:30:00 AM

Received Date: 3/14/2013 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGI	ORGANICS				Analyst: MMD
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	3/17/2013 12:10:15 AM
Surr: DNOP	118	72.4-120	%REC	1	3/17/2013 12:10:15 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/16/2013 9:35:31 PM
Surr: BFB	90.8	84-116	%REC	1	3/16/2013 9:35:31 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	3/16/2013 9:35:31 PM
Toluene	ND	0.048	mg/Kg	1	3/16/2013 9:35:31 PM
Ethylbenzene	ND	0.048	mg/Kg	1	3/16/2013 9:35:31 PM
Xylenes, Total	ND	0.095	mg/Kg	1	3/16/2013 9:35:31 PM
Surr: 4-Bromofluorobenzene	97.4	80-120	%REC	1	3/16/2013 9:35:31 PM
EPA METHOD 300.0: ANIONS					Analyst: JRR
Chloride	13	7.5	mg/Kg	5	3/18/2013 2:01:50 PM
EPA METHOD 418.1: TPH					Analyst: LRW
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	3/19/2013

Matrix: SOIL

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range
- J Analyte detected below quantitation limits
- Sample pH greater than 2
- Reporting Detection Limit

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits 1 of 7

Analytical Report

Lab Order 1303571

Date Reported: 3/19/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips Farmington

S.J. 28-7 #113N Project:

1303571-002 Lab ID:

Client Sample ID: Reserve-Pit

Collection Date: 3/13/2013 11:00:00 AM

Received Date: 3/14/2013 10:00:00 AM

Analyses	Result	Result RL Qual Units			Date Analyzed		
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: MMD		
Diesel Range Organics (DRO)	16	9.6	mg/Kg	1	3/17/2013 12:37:28 AM		
Surr: DNOP	119	72.4-120	%REC	1	3/17/2013 12:37:28 AM		
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/16/2013 10:05:38 PM		
Surr: BFB	89.8	84-116	%REC	1	3/16/2013 10:05:38 PM		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.047	mg/Kg	1	3/16/2013 10:05:38 PM		
Toluene	ND	0.047	mg/Kg	1	3/16/2013 10:05:38 PM		
Ethylbenzene	ND	0.047	mg/Kg	1	3/16/2013 10:05:38 PM		
Xylenes, Total	ND	0.095	mg/Kg	1	3/16/2013 10:05:38 PM		
Surr: 4-Bromofluorobenzene	96.6	80-120	%REC	1	3/16/2013 10:05:38 PM		
EPA METHOD 300.0: ANIONS					Analyst: JRR		
Chloride	88	7.5	mg/Kg	5	3/18/2013 2:26:39 PM		
EPA METHOD 418.1: TPH	•				Analyst: LRW		
Petroleum Hydrocarbons, TR	22	20	mg/Kg	1	3/19/2013		

Matrix: SOIL

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Ε Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH greater than 2
- Reporting Detection Limit

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- RPD outside accepted recovery limits R
- Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

WO#: 1303571

19-Mar-13

Client:

Conoco Phillips Farmington

Result

Project:

S.J. 28-7 #113N

Sample ID: MB-6533

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 6533

RunNo: 9265

Prep Date: 3/18/2013 Analysis Date: 3/18/2013

SeqNo: 264222

Units: mg/Kg HighLimit

Analyte

PQL

RPDLimit %RPD

Qual

Chloride

ND 1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: Prep Date: 3/18/2013

Sample ID: LCS-6533

LCSS

Batch ID: 6533 Analysis Date: 3/18/2013 RunNo: 9265

SeqNo: 264223

Units: mg/Kg

Analyte Chloride

Result 1.5

%REC 95.5

SPK value SPK Ref Val %REC LowLimit

%RPD

Qual

PQL

SPK value SPK Ref Val 15.00

LowLimit 90

64.4

HighLimit 110 **RPDLimit**

Sample ID: 1303583-001AMS

SampType: MS

Result

Result

14

14

14

TestCode: EPA Method 300.0: Anions

Client ID: Prep Date:

BatchQC

Batch ID: 6533

RunNo: 9265

Units: mg/Kg

117

117

Qual

Qual

Analyte

3/18/2013

Analysis Date: 3/18/2013

SPK value SPK Ref Val

15.00

15.00

SeqNo: 264235 %REC LowLimit 86.0

HighLimit

%RPD **RPDLimit**

Chloride

Sample ID: 1303583-001AMSD

SampType: MSD

TestCode: EPA Method 300.0: Anions

Client ID:

BatchQC

Batch ID: 6533

PQL

1.5

PQL

1.5

RunNo: 9265

0.9810

SeqNo: 264236

Units: mg/Kg

RPDLimit

Page 3 of 7

Analyte Chloride

Prep Date: 3/18/2013

Analysis Date: 3/18/2013

SPK value SPK Ref Val

0.9810

%REC 85.6

LowLimit 64.4 HighLimit

%RPD

0.385

20

Value exceeds Maximum Contaminant Level.

Value above quantitation range E

Analyte detected below quantitation limits

P Sample pH greater than 2

В Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

R

Н

S

RPD outside accepted recovery limits

Holding times for preparation or analysis exceeded

Spike Recovery outside accepted recovery limits

Qualifiers:

RLReporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1303571

19-Mar-13

Client:

Conoco Phillips Farmington

Project:

Analyte

Analyte

S.J. 28-7 #113N

Sample ID: MB-6501

SampType: MBLK

TestCode: EPA Method 418.1: TPH

Client ID: PBS

Batch ID: 6501

RunNo: 9271

Analysis Date: 3/19/2013

SeqNo: 264324

Units: mg/Kg HighLimit

%RPD

RPDLimit

Qual

Petroleum Hydrocarbons, TR

Prep Date: 3/15/2013

ND 20

PQL

SampType: LCS

TestCode: EPA Method 418.1: TPH

Sample ID: LCS-6501

Client ID: **LCSS** Batch ID: 6501

RunNo: 9271

Prep Date: 3/15/2013

Analysis Date: 3/19/2013

SeqNo: 264325

SPK value SPK Ref Val %REC LowLimit

Units: mg/Kg

%REC LowLimit HighLimit **RPDLimit**

Qual

Qual

Petroleum Hydrocarbons, TR

Result 88

Result

SPK value SPK Ref Val **PQL** 20 100.0

88.5

120

%RPD

Sample ID: LCSD-6501

Client ID: LCSS02

SampType: LCSD Batch ID: 6501

TestCode: EPA Method 418.1: TPH

RunNo: 9271 SeqNo: 264326

Units: mg/Kg

RPDLimit

Analyte

Prep Date: 3/15/2013

Analysis Date: 3/19/2013

Result

SPK value SPK Ref Val 0

%REC LowLimit

91.0

80

%RPD

20

Petroleum Hydrocarbons, TR

PQL 20

100.0

2.79

91

HighLimit 120

Qualifiers:

Е

Value exceeds Maximum Contaminant Level.

Value above quantitation range

- Analyte detected below quantitation limits P Sample pH greater than 2
- Reporting Detection Limit

- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit

R

RPD outside accepted recovery limits Spike Recovery outside accepted recovery limits Page 4 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#:

1303571 19-Mar-13

Client:

Conoco Phillips Farmington

Result

12

Project:

Analyte

Surr: DNOP

S.J. 28-7 #113N

Sample ID: MB-6483

SampType: MBLK

TestCode: EPA Method 8015B: Diesel Range Organics

LowLimit

72.4

72.4

Client ID:

PBS

Batch ID: 6483

RunNo: 9209

%REC

Prep Date: 3/14/2013

Analysis Date: 3/16/2013

SeqNo: 262137

117

Units: %REC HighLimit

RPDLimit

Qual

Sample ID: LCS-6483

SampType: LCS

TestCode: EPA Method 8015B: Diesel Range Organics

%RPD

Client ID: LCSS Prep Date: 3/14/2013

Batch ID: 6483 Analysis Date: 3/16/2013 RunNo: 9209

120

Units: %REC

120

Analyte

PQL

SeqNo: 262138

Surr: DNOP

Result 5.3 SPK value SPK Ref Val %REC

5.000

106

LowLimit HighLimit %RPD **RPDLimit**

Qual

Sample ID: 1303540-004AMS

SampType: MS

TestCode: EPA Method 8015B: Diesel Range Organics

Prep Date:

Client ID: BatchQC

Batch ID: 6483

RunNo: 9209

SeqNo: 262167

Units: %REC

Qual

Analyte

3/14/2013

Analysis Date: 3/16/2013

Result

5.4

SPK value SPK Ref Val

SPK value SPK Ref Val

SPK value SPK Ref Val

10.00

%REC LowLimit

%RPD HighLimit

RPDLimit

Qual

Surr: DNOP

Sample ID: 1303540-004AMSD

SampType: MSD

TestCode: EPA Method 8015B: Diesel Range Organics RunNo: 9209

%REC

106

111

72.4

120

Client ID: Prep Date:

BatchQC

Batch ID: 6483

Analyte

3/14/2013

Analysis Date: 3/16/2013

PQL

SeqNo: 262168

Units: %REC HighLimit

%RPD

RPDLimit

Surr: DNOP

5.2

Result

4.883

4.864

LowLimit

72.4

120

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Analyte detected below quantitation limits J
- Value above quantitation range E
- P Sample pH greater than 2 RL Reporting Detection Limit

- Analyte detected in the associated Method Blank В

Holding times for preparation or analysis exceeded

- Not Detected at the Reporting Limit ND
- R RPD outside accepted recovery limits
- - Spike Recovery outside accepted recovery limits

Page 5 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#:

1303571 19-Mar-13

Client:

Conoco Phillips Farmington

Project: S.J. 28-7	#113N											
Sample ID: MB-6486	SampType: N	BLK	TestCode: EPA Method 8015B: Gasoline Range									
Client ID: PBS	nt ID: PBS Batch ID: 6486			tunNo: 92	235							
Prep Date: 3/14/2013	Analysis Date: 3	3/16/2013	S	SeqNo: 20	62753	Units: mg/h	∢ g					
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	ND 5.0											
Surr: BFB	900	1000		90.0	84	116						
Sample ID: LCS-6486 SampType: LCS TestCode: EPA Method 8015B: Gasoline R												
Client ID: LCSS	Batch ID: 6	486	F	RunNo: 92	235							
Prep Date: 3/14/2013 Analysis Date: 3/16/2013			S	SeqNo: 262755			Units: mg/Kg					
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	29 5.0		0	114	62.6	136						
Surr: BFB	940	1000		93.5	84	116		•				
Sample ID: 1303551-022AMS	SampType: N	s	TestCode: EPA Method 8015B: Gasoline Range									
Client ID: BatchQC	Batch ID: 6	486	RunNo: 9235									
Prep Date: 3/14/2013	Analysis Date: 3	3/16/2013	SeqNo: 262759			Units: mg/Kg						
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	27 4.8		2.837	100	70	130						
Surr: BFB	920	959.7		96.3	· 84	116						
Sample ID: 1303551-022AMS	D SampType: N	SD	Tes	tCode: El	PA Method	8015B: Gase	oline Rang	e ·				
Client ID: BatchQC	Batch ID: 6	486	F	RunNo: 9	235							
Prep Date: 3/14/2013	Analysis Date:	3/16/2013	S	SeqNo: 20	62760	Units: mg/l	∢ g					
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	31 4.8		2.837	117	70	130	14.2	22.1				
Surr: BFB	910	960.6		95.1	84	116	0	0				

Qualifiers:

Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH greater than 2

RL Reporting Detection Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

Page 6 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#:

1303571 19-Mar-13

Client:

Conoco Phillips Farmington

Project: S.J. 28	B-7 #113N										
Sample ID: MB-6486	Samp	Гуре: МЕ	BLK	TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batc	h ID: 64 8	86	F	RunNo: 9235						
Prep Date: 3/14/2013	Analysis [Date: 3/	16/2013	S	SeqNo: 2	62878	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.050									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromofluorobenzene	0.98		1.000		98.1	80	120				
Sample ID: LCS-6486	Samp	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles			
Client ID: LCSS Batch ID: 6486				F	RunNo: 9	235					
Prep Date: 3/14/2013	Analysis [Date: 3/	16/2013	S	SeqNo: 2	62879	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.88	0.050	1.000	0	88.1	80	120				
Toluene	0.92	0.050	1.000	0	92.1	80	120				
Ethylbenzene	0.93	0.050	1.000	0	93.0	80	120				
Xylenes, Total	2.9	0.10	3.000	. 0	97.0	80	120				
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120				
Sample ID: 1303551-021AI	VIS Samp	Type: MS	3	TestCode: EPA Method 8021B: Volatiles							
Client ID: BatchQC	Batc	h ID: 64	86	RunNo: 9235							
Prep Date: 3/14/2013	Analysis [Date: 3/	16/2013	8	SeqNo: 2	62882	Units: mg/F	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.90	0.047	0.9434	0	95.3	67.2	113				
Toluene	0.95	0.047	0.9434	0.007622	99.9	62.1	116				
Ethylbenzene	0.97	0.047	0.9434	0.004959	102	67.9	127				
Xylenes, Total	3.0	0.094	2.830	0.01442	106	60.6	134				
Surr: 4-Bromofluorobenzene	0.97		0.9434		103	80	120				
Sample ID: 1303551-021Al	MSD Samp	Type: MS	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles			
Client ID: BatchQC	Batc	h ID: 64	86	F	RunNo: 9	235					
Prep Date: 3/14/2013	Analysis [Date: 3/	16/2013	S	SeqNo: 2	62883	Units: mg/k	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.87	0.047	0.9425	0	92.8	67.2	113	2.78	14.3		
Toluene	0.94	0.047	0.9425	0.007622	99.1	62.1	. 116	0.952	15.9		
Ethylbenzene	0.96	0.047	0.9425	0.004959	102	67.9	127	0.679	14.4		
Xylenes, Total	3.0	0.094	2.828	0.01442	105	60.6	134	0.597	12.6		
0 4 D (0.00		0.0405		400	00	400	^	•		

Qualifiers:

Value exceeds Maximum Contaminant Level.

0.96

0.9425

Value above quantitation range

Analyte detected below quantitation limits

P Sample pH greater than 2

Surr: 4-Bromofluorobenzene

RLReporting Detection Limit В Analyte detected in the associated Method Blank

80

120

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

102

RPD outside accepted recovery limits R

Spike Recovery outside accepted recovery limits

Page 7 of 7



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87105
TEL: 505 345 3075 EAV: 505 345 410

TEL: 505-345-3975 FAX: 505-345-410; Website: www.hallenvironmental.com

Sample Log-In Check List

Clien	nt Name:	Conoco Phi	llips Farmington	_ 1 _ 1	W	ork Ord	der N	umb	oer:	13035	571				
Rece	eived by/date	11/19		03/14/1	3									·	
Logg	jed By:	Michelle Ga	arcia	3/14/2013 1	0:00:00 AM				mi	inu G	brue)			•	
Com	pleted By:	Michelle Ga	arcia	3/14/2013 1	1:41:27 PM				mi	inu G	brue		•		
Revi	ewed By:	TO		03/4/	2013										
<u>Chai</u>	in of Cust	od <u>y</u>		' '											
1. 1	Were seals i	ntact?				Yes	✓	No		No	t Present [
2.	Is Chain of C	ustody comp	lete?			Yes	V	No		No	t Present [
3.	How was the	sample deliv	rered?			Cour	<u>ier</u>								
Log	<u>In</u>														
4.	Coolers are p	oresent? (see	e 19. for cooler s	pecific informa	ation)	Yes	✓	No			NA [
5.	Was an atter	npt made to	cool the samples	5?		Yes	V	No			NA (
6.	Were all sam	iples received	d at a temperatu	re of >0°C to	6.0°C	Yes	V	No			na (
7.	Sample(s) in	proper conta	iner(s)?			Yes	V	No							
8.	Sufficient sar	mple volume:	for indicated tes	t(s)?		Yes									
			and ONG) prop		1?		_	No							
		ative added to				Yes		No	V		NA [•	
11.	VOA vials ha	ve zero head	lspace?			Yes	\equiv			No V	/OA Vials	<u> </u>			
12.	Were any sa	mple contain	ers received brol	ken?		Yes		No			# - #				
		ork match bo pancies on ch	ottle labels? nain of custody)			Yes	✓	No			# of pres bottles ct for pH:				
14.	Are matrices	correctly idea	ntified on Chain	of Custody?		Yes	V	No				•	or >12	uniess no	oted)
15. ^l	ls it clear wha	at analyses w	vere requested?				V				Adj	usted?			-
			le to be met? authorization.)			Yes	V	No			٥.				
	•		•								Che	cked by:	·		
		<i>ing (if app</i> otified of all d	incable <u>)</u> Iscrepancies with	n this order?		Yes		No			NA	✓			
· · · · [
		Notified:		·	Date:			·		_:_		_			
1	By Who	Ē.			Via: ر	_ eMai	1] Pr	one	<u> </u>	ax ∐Ini	Person			
	Regardi	· ·													
40		nstructions:					_								
18.4	Additional rei	marks:													
40	Cooler Info	mation													
19.	Cooler Infor		Condition	Seal Intact S	Seal No. 1 S	eal Da	te	l ·	Sian	ed By	[
	1	1.0	Good Ye			-u. Da				<u> </u>					
											-				

Chain-of-Custody Record			Turn-Around Time:				HALL ENVIRONMENTAL														
Client:	Can	acol	Phillips	☐ ☑ ∕ Standard	□ Rusł	1			Ŕ											al Dri	
				Project Name:					: ,										7 # 4	⊅ ii ≪ :	3
Mailing	Address	5: 20 +1	2++C . In	c = 04	14 11 2 1 <i>1</i>	•	www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109														
	·	50	Direct tarming ton	S.J. 28-74113N Project #: 10341468 K-Gareia D-266 Project Manager: MikeSmith				7													
								Tel. 505-345-3975 Fax 505-345-4107 Analysis Request								in the	143.50				
			330-2656							• •			men		wev	4.50		55	<u> </u>	1 2 E	
			n DCo.P. com Freddic Mfe 69 9 Hotour I Com					Į į	MR/					20	3.c						
	QA/QC Package: Level 4 (Full Validation) Accreditation			Sampler: Fredix Martinz Onlice 20 D Yes 20 20 November 19				Gas	150			SIMS)		δ	PCB			1 1			
								Ĭ	R	((S 0.		02,1	8082						
□ NEL	□ NELAP □ Other				D Yes menut	ZE-No stas de la co	TMB's (8021)	 +	ဂ္ဂ	18.1	04.1	8270		N.S.	l ~		ৰ	8			ا ا
□ EDD (Type)			Sample Tem	Sample Temperature:				9	bd 4	3d 55	o o	tals	N,	ides	a	<u>Ş</u>	10	ĺ		ξ	
Date	Time	Matrix	Sample Request ID			BEALING SERVICES	BTEX + WTBE	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides	8260B (VOA)	8270 (Semi-VOA)	Chlorides			Air Bubbles (Y or N)
<u></u>	10.30	Soil	Back-Ground	1402	Cool	- 00l	√	<u> </u>	7	<u></u> ✓			ir i	A	8	8	_&	7	\dashv		▼
13-13	J	Soil	Reserve-Pit	1-402	Cool	-007	1		V	V								7	\neg		1
		<u> </u>	1.33.1.03																		\dagger
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Date: 3/13/13 Date:	Time:	Relinquish Relinquish	Northy	Received by:	Date Time 3/3/3/71742 Date Time	Remarks:															
	necessary,	samples subr	mitted to Hall Environmental may be subc	Multi- contracted to other ac	M &	- 03/14/13 10:0	_	hilitv.	Anv sı		racted	i data	will he	- clear	ly nota		the at	——	i renori		

ConocoPhillips

Pit Closure Form:
Date: 47-16-2013
Well Name: 53 28-7 113 N
Footages: 1020 FSL, 1675 FEL Unit Letter: 0
Section: 18, T-27-N, R-7-W, County: RA State: NM
Contractor Closing Pit: Riffer
Pit Closure Start Date: \(\frac{1-8-13}{}
Pit Closure Complete Date: ムールー2013
Construction Inspector: Norman Faver Date: 4-12-2013
Inspector Signature: Myrman Taw
Revised 11/4/10
Office Use Only: Subtask DSM Folder

Journey, Denise D

From:

Payne, Wendy F

Sent:

Tuesday, April 02, 2013 1:20 PM

To:

(Brandon.Powell@state.nm.us); GRP:SJBU Regulatory; Jonathan Kelly;

(lpuepke@cimarronsvc.com); Eli (Cimarron) (eliv@cimarronsvc.com); James (Cimarron) (jwood@cimarronsvc.com); Craig Willems; Mark Kelly; Mike Flaniken; Randy McKee;

Robert Switzer; Roger Herrera; Sherrie Landon; Dee, Harry P; Eric Smith

(sconsulting.eric@gmail.com); Faver Norman; Fred Martinez; Gardenhire, James E; Jared Chavez; Lowe, Terry; McCarty Jr, Chuck R; Payne, Wendy F; Peter, Dan J; Smith, Mike W; Steve McGlasson; Tally, Ethel; Becker, Joey W; Bowker, Terry D; Brant Fourr; Frost, Ryan M; Goosey, Paul P; Gordon Chenault; Green, Cary Green J; GRP:SJBU Production Leads; Hockett, Christy R; Bassing, Kendal R.; Kennedy, Jim R; Leboeuf, Davin J; Lopez, Richard A; Nelson, Garry D; O'Nan, Mike J.; Peace, James T; Poulson, Mark E; Schaaphok, Bill; Smith, Randall O; Spearman, Bobby E; Stamets, Steve A; Heriberto Blanco; Quintana Tony (tquintana@flintenergy.com); Barton, Austin; Blakley, Mac; Clugston, Danny K; Coats, Nathan W; Farrell, Juanita R; Maxwell, Mary Alice; Rhoads, Travis P; Saiz, Kooper

K; Seabolt, Elmo F; Thompson, Trey

Cc:

'jdritt@aol.com'

Subject:

Reclamation Notice: San Juan 28-7 Unit 113N (Area 23 * Run 358)

Importance:

High

JD Ritter Construction will move a tractor to the **San Juan 28-7 Unit 113N** to start the reclamation process on **Monday, April 8, 2013**. Please contact Norm Faver (320-0670) if you have any questions or need further assistance.



San Juan 28-7 Unit 113N.pdf

ConocoPhillips Company Well - Network # 10341468 - Activity Code D250 - PO: KGarcia Rio Arriba County, NM

San Juan 28-7 Unit 113N - BLM surface/BLM minerals

Onsite: Mike Flaniken 5-20-11

Twin: San Juan 28-7 Unit 113M (existing) and San Juan 28-7 Unit 205 (P&A)

1020' FSL & 1675' FEL Sec.18, T27N, R7W Unit Letter " O " Lease # SF-078840

UA # NM-78413A & NM-78413C BH: NESE, Sec.18, T27N, R7W Latitude: 36° 34' 07" N (NAD 83) Longitude: 107° 36' 47" W (NAD 83)

Elevation: 6577'

Total Acres Disturbed: 3.03 acres

Access Road: n/a API # 30-039-31146 Within City Limits: No

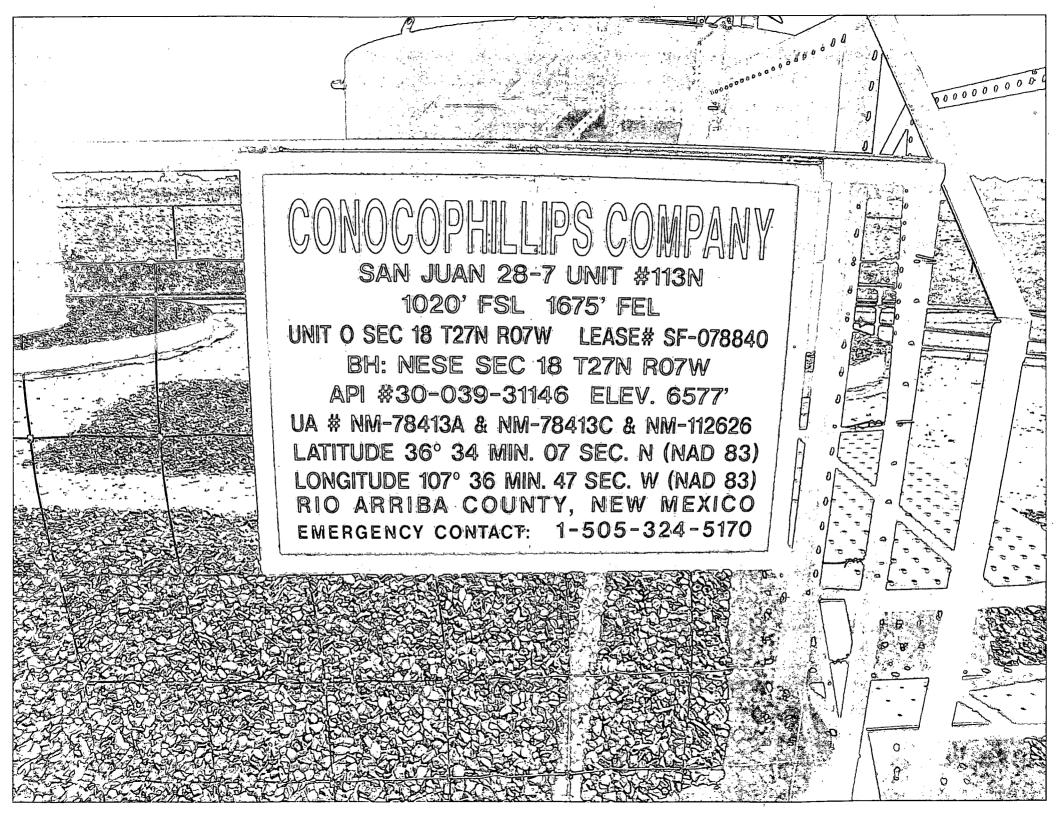
Pit Lined: YES

NOTE: Arch Monitoring is NOT required on this location.

Wendy Payne
ConocoPhillips-SJBU
505-326-9533
Wendy.F.Payne@conocophillips.com

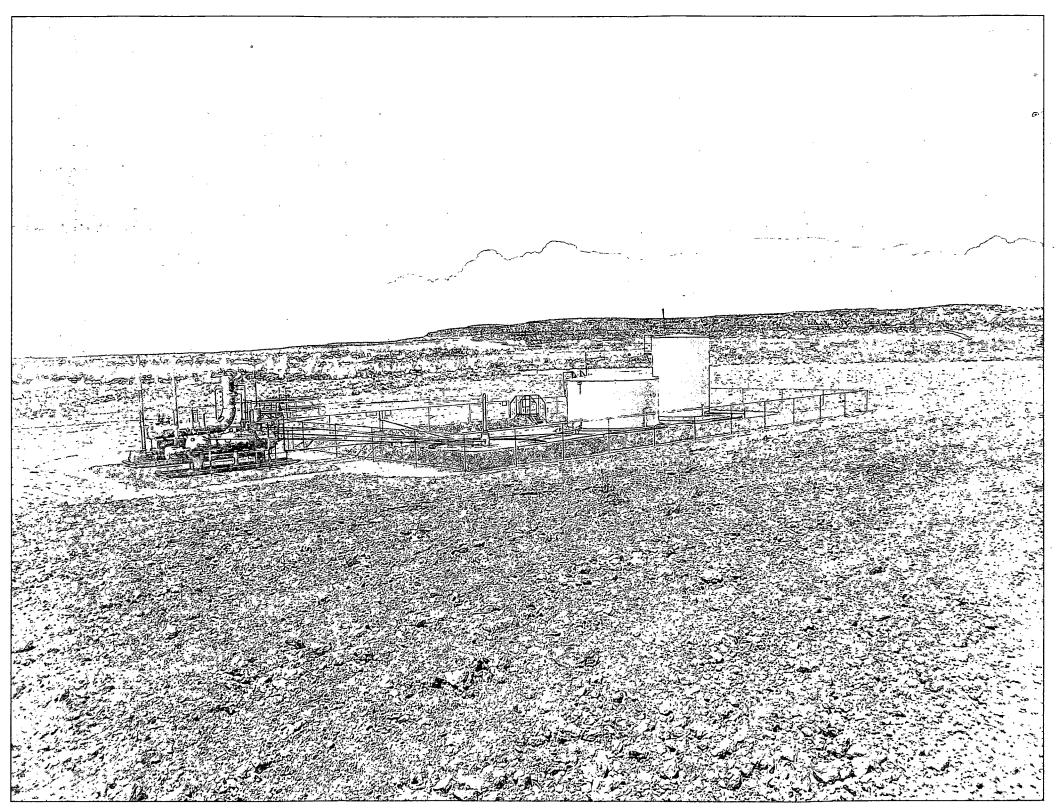
ConocoPhillips

Reclamation Form:
Date: 7-22-13
Well Name: 53 28-7 113N
Footages: Jo20 FSL, 1675 FEL Unit Letter: O
Section: 18, T-27-N, R-7-W, County: RA State: NM
Reclamation Contractor: 12:11e-
Reclamation Start Date: N-8-2013
Reclamation Complete Date: 11-18-2013
Road Completion Date: 4-22-13
Seeding Date: 4-25-13
**PIT MARKER STATUS (When Required): Picture of Marker set needed
WARKER PLACED: 41-22-13 (DATE)
LATATUDE: 36 34.116
LONGITUDE: 107 36.798
Pit Wanifold removed \(\frac{\mathcal{H}-10-13}{\text{(DATE)}}\)
Construction Inspector: Norman Fava Date: 7-22-13
Inspector Signature: Johnson Land
Office Use Only: Subtask DSM Folder Pictures
Revised 6/14/2012









	WELL NAME:	OPEN P	IT INSPE	CTION		ConocoPhillips						
i	San Juan 28-7 Unit 113N											
	INSPECTOR		Fred Mtz	Fred Mtz	Fred Mtz	Fred Mtz		S.Mobley				
_	DATE		01/03/13	01/16/13	01/23/13	02/06/13	14/1-/	04/16/13	Waala 0	Waste		
⊢	*Please request for pit extention after 26 weeks	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9 Drilled		
ı		Drilled	Drilled	☑ Drilled	☑ Drilled☐ Completed	☑ Drilled☐ Completed	☐ Drilled☐ Completed☐	☑ Drilled☑ Completed	☐ Drilled☐ Completed☐	☐ Completed		
l	PIT STATUS	☐ Completed	☐ Completed	Completed	l – ·	•	,	1				
L	e entre la verifique d'Article entre de la Timbre de la collège de la Co	☐ Clean-Up	☐ Clean-Up	☐ Clean-Up	☐ Clean-Up	☐ Clean-Up	Clean-Up	☐ Clean-Up	☐ Clean-Up	☐ Clean-Up		
LOCATIO	ls the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
100	Is the temporary well sign on location and visible from access road?	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
	Is the access road in good driving condition? (deep ruts, bladed)	Yes No	☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☑ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
	Are the culverts free from debris or any object preventing flow?	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
NCE	Is the top of the location bladed and in good operating condition?	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes □ No	☐ Yes ☑ No	□ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
COMPLIAN	Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
1 -	Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
NENTA	Does the pit contain two feet of free board? (check the water levels)	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
ENVIRONMENTA	Is there any standing water on the blow pit?	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
EN	Are the pits free of trash and oil?	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes 🗋 No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No .	☐ Yes ☐ No ·	☐ Yes ☐ No	☐ Yes ☐ No		
	Are there diversion ditches around the pits for natural drainage?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No.	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
	Is there a Manifold on location?	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No		
	Is the Manifold free of leaks? Are the hoses in good condition?	☐ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
ОСВ	Was the Geb comacted:	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
- NE	PICTURE TAKEN	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
	COMMENTS	Rig on loc		Debri in pit ice on		Debri in pit contact M.N.R to pull pit location	Debri under ice road and	JD Ritter closing				