District I

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

State of New Mexico Energy Minerals and Natural Resources

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

July 21, 2008 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office

Form C-144

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the

appropriate NMOCD District Office

5180

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

Type of action:	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
	Modification to an existing permit
	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 ordinance

environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: Burlington Resources Oil & Gas Company, LP OGRID# 14538
Address P.O. Box 4289, Farmington, NM 87499
Facility or well name: SAN JUAN 28-5 UNIT 80M
API Number OCD Permit Number
U/L or Qtr/Qtr G(SW/NE) Section: 26 Township: 28N Range: 5W County: Rio Arriba
Center of Proposed Design Latitude. 36.635261 °N Longitude: 107.324149 °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
Temporary X Drilling Workover
Permanent Emergency Cavitation P&A
X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other
X String-Reinforced
Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'
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
Liner Seams Welded Factory Other // RECEIVED
Below-grade tank: Subsection I of 19 15 17 11 NMAC Subsection I of 19 15 17 11 NMAC OIL CONS DIV DIST 3
Below-grade tank: Subsection I of 19 15 17 11 NMAC Subsection I of 19 15 17 11 NMAC Oil CONS DIV DIST 3
Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval

Form C-144

Oil Conservation Division

Page 1 of 5



Fencing: Subsection D of 19 15 17 11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)				
PERCHAGE. Subsection D of 19-13-17-11 NNIAC (Appries to permanent pit, temporary pits, and below-grade turns)				
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	itution or chur	rch)		
Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate Please specify				
Thermale Treate specify				
7 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)				
8				
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 consi (Fencing/BGT Liner)	deration of app	proval		
Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval				
				
10 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.				
uoes not appry to drying pags or above grade-tarks 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	Yes	No		
(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.		LINO		
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	NA			
- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image				
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	No		
(Applied to permanent pits)	NA	-		
- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	[-] _{1,1}			
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 - 1WATERS 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	Yes	No		
- Written confirmation or verification from the municipality, Written approval obtained from the municipality Within 500 feet of a wetland.	∏Yes	□No		
- US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site		Пи		
Within the area overlying a subsurface mine.	Yes	No		
- 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	<u> </u>			
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 NMAC			
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 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			
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			
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 String 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 Linier 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 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			
Proposed Closure Method Waste Excavation and Removal Waste Removal (Closed-loop systems only)			
On-site Closure Method (only for temporary pits and closed-loop systems)			
In-place Burial On-site Trench			
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)			
15			
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 I of 19 15 17 13 NMAC			
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC			

Form C-144 Oil Conservation Division Page 3 of 5

West Devel Classes For Class Live Section That lifts	Along Control			
	Above Ground Steel Tanks or Haul-off Bins Only. (19 15 17 13 D NMAC) all of liquids, drilling fluids and drill cuttings. Use attachment if more than tw	0		
facilities are required	D. IF I. D. W			
	Disposal Facility Permit #			
Disposal Facility Name Will any of the proposed closed-loop system operations and a	Disposal Facility Permit # associated activities occur on or in areas that will not be used for future			
Yes (If yes, please provide the information	No			
, 🖵	upon the appropriate requirements of Subsection H of 19 15 17 13 NM	IAC		
Re-vegetation Plan - based upon the appropriate requi				
Site Reclamation Plan - based upon the appropriate re	quirements of Subsection G of 19 15 17 13 NMAC			
certain siting criteria may require administrative approval from the app	19 15 17 10 NMAC e in the closure plan Recommendations of acceptable source material are provide, repriate district office or may be considered an exception which must be submitted in 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 built		Yes No		
- NM Office of the State Engineer - IWATERS database search	th, USGS Data obtained from nearby wells	∐N/A		
Ground water is between 50 and 100 feet below the bottom of	of the buried waste	Yes No		
- NM Office of the State Engineer - 1WATERS database search	h, USGS, Data obtained from nearby wells	N/A		
Ground water is more than 100 feet below the bottom of the	buried waste	Yes No		
- NM Office of the State Engineer - 1WATERS database search	h, USGS, Data obtained from nearby wells	N/A		
Within 300 feet of a continuously flowing watercourse, or 200 feet (measured from the ordinary high-water mark)	of any other significant watercourse or lakebed, sinkhole, or playa lake	Yes No		
Topographic map, Visual inspection (certification) of the projection	posed site			
Within 300 feet from a permanent residence, school, hospital, instit - Visual inspection (certification) of the proposed site, Aerial pl	• •	Yes No		
purposes, or within 1000 horizontal fee of any other fresh water we - NM Office of the State Engineer - iWATERS database, Visua	al inspection (certification) of the proposed site cipal fresh water well field covered under a municipal ordinance adopted	Yes No		
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map, Topograph	<i>"</i>	Yes No		
Within the area overlying a subsurface mine - Written confirantion or verification or map from the NM EM	NIDD Married Married Division	Yes No		
Within an unstable area	NKD-Milling and Millicial Division	Yes No		
!	au of Geology & Mineral Resources, USGS, NM Geological Society, - · ·			
Within a 100-year floodplain - FEMA map		Yes No		
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) In by a check mark in the box, that the documents are attached	structions: Each of the following items must bee attached to the clo	sure plan. Please indicate,		
	oon 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				
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 19 15 17 11 NMAC				
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				
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 cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC				
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				

Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief
Nome (Pent)
Signature Date
e-mail address Telephone
e-man address - Telephone
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Instructions Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. [X] Closure Completion Date: September 26, 2009
Closure Method: Waste Excavation and Removal If different from approved plan, please explain Waste Removal (Closed-loop systems only)
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions. Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized Disposal Facility Name Disposal Facility Permit Number Disposal Facility Name Disposal Facility Permit Number Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and opeartions?
Yes (If yes, please demonstrate compliane to the items below) Required for impacted areas which will not be used for future service and operations Site Reclamation (Photo Documentation)
Soil Backfilling and Cover Installation
Re-vegetation Application Rates and Seeding Technique
Closure Report Attachment Checklist: Instructions Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. 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 Seeding Technique X Site Reclamation (Photo Documentation) On-site Closure Location Latitude 36.63543 °N Longitude 107.32457 °W NAD 1927 X 1983
25
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.
Name (Print) Crystal Tafoya Title Regulatory Tech
Signature Jalona Date 2/8/2010
e-mail address / crystal tafoya@conocophillips com Telephone 505-326-9837

Burlington Resources Oil Gas Company, LP San Juan Basin Closure Report

Lease Name: SAN JUAN 28-5 UNIT 80M

API No.: 30-039-30490

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 BR'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 BR will ensure that temporary pits are closed, re-contoured, and reseeded

Provision 4 of the closure plan requirements were not met due to rig move off date as noted on C-105 which was prior to pit rule change. Burlington will ensure compliance with this rule in the future.

- 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.

Burlington 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	78.6 ug/kG
TPH	EPA SW-846 418.1	2500	287 mg/kg
GRO/DRO	EPA SW-846 8015M	500	5.1 mg/Kg
Chlorides	EPA 300.1	-1000 /500	400 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 BR 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.

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. BR 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: BR, BLM, SAN JUAN 28-5 UNIT 80M, UL-G, Sec. 26, T 28N, R 5W, API # 30-039-30490

Tafoya, Crystal

From:

Tafoya, Crystal

Sent: To:

Friday, July 25, 2008 10:33 AM 'mark_kelly@nm.blm.gov'

Subject:

Surface Owner Notification

The following temporary pits will be closed on-site. The new OCD Pit Rule 17 requires the surface owner be notified. Please feel free to contact me at any time if you have any questions. Thanks!

Riddle B #222S San Juan 28-5 Unit #80M San Juan 29-7 Unit #153N Frost #501S Allison Unit #101

Thanks,

Crystal L. Tafoya Regulatory Technician ConocoPhillips Company San Juan Business Unit

Phone: (505) 326-9837

Email: Crystal.Tafoya@conocophillips.com

Oistrict [1625 N. French Or. Hobbs, NM 88240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005 Instructions on back

District II 1301 W. Grand Avenue, Artesia, NM 88210 Oistrict III 1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION Submit to Appropriate District Office

Submit to Appropriate District Office
State Lease - 4 Copies
1220 South St. Francis OF Fee Lease - 3 Copies Santa Fe. NM 87505

District IV 1220 S St. Francis Or., Santa Fe. NM 87505

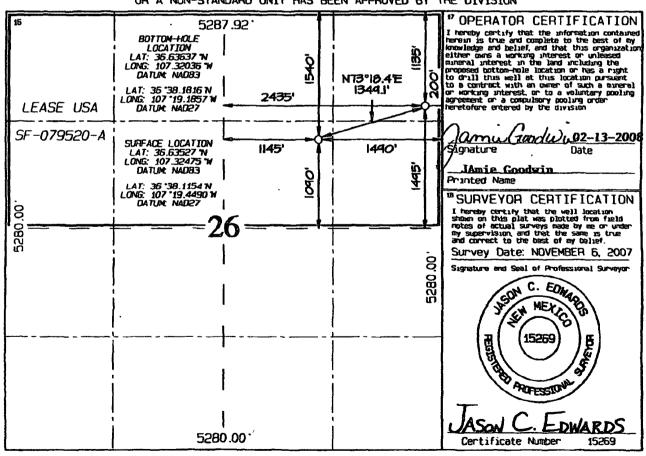
FEB 1 4 2008 T AMENDED REPORT

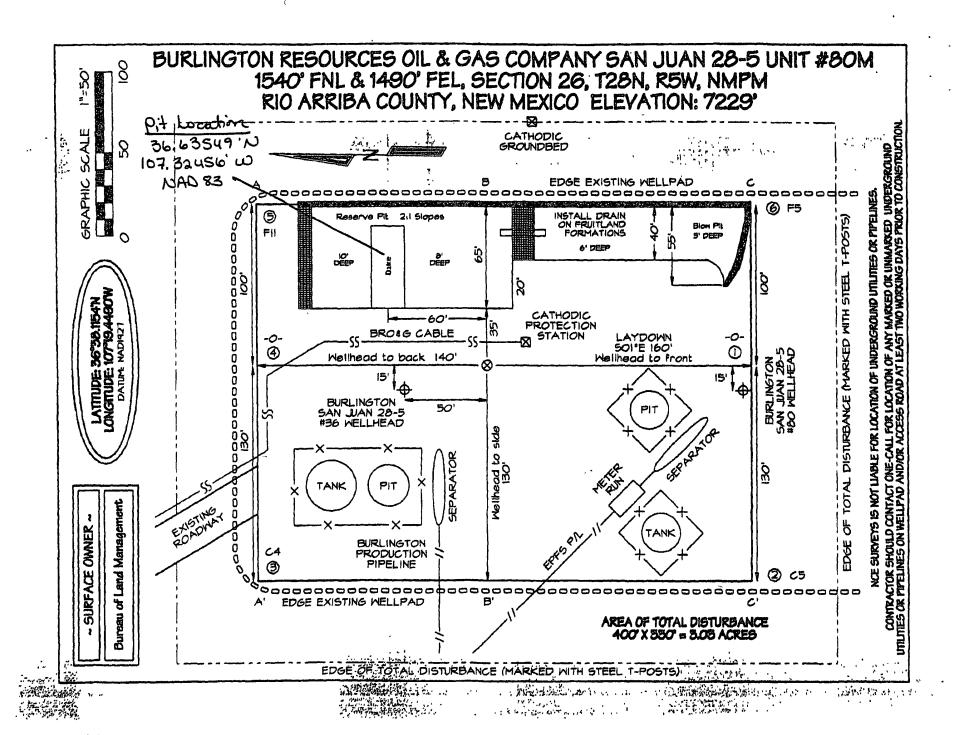
Bureau of Land Management Farmington Field Office WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	² Pool Code	*Paol Nexa	SIN DAKOTA
30-039-	72319 / 71599	BLANCO MESAVERDE / BA	
Property Code	•	ty Name 28-5 UNIT	*Well Number 80M
7450 _{0GAID No.}		or Name	*Elevation
14538		OIL & GAS COMPANY, LP	7229

¹⁰ Surface Location ut or lot no Cort van Lat Idn Feet from the North/South lune East/Adrest lane Feet free the RIO **28N** G 26 5W 1540 NORTH 1490 **EAST** ARRIBA 11 Bottom Hole Location If Different From Surface LL or lot no eet from the RIO 28N 5W NORTH 200 **EAST** Δ 26 1135 ARRIBA 12 Deducated Acres 13 Joint or Infall Consoludation Code Order No. 320.0 Acres - N/2 (MV) 320.0 Acres - N/2 (DK)

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







EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Chant	CanadaDhillina	Drainet #	06052 0026
Client:	ConocoPhillips	Project #:	96052-0026
Sample ID	Reserve Pit	Date Reported:	08-27-09
Laboratory Number	51329	Date Sampled:	08-18-09
Chain of Custody No·	7732	Date Received.	08-18-09
Sample Matrix	Soil	Date Extracted:	08-25-09
Preservative ⁻	Cool	Date Analyzed.	08-26-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	5.1	0.1
Total Petroleum Hydrocarbons	5.1	0.2

ND - Parameter not detected at the stated detection limit

References. Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments: San Juan 28-5 Unit 80M

Analyst

(Misth Mcelles Review



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client Sample ID	QA/QC 08-26-09 QA/QC	Project # Date Reported	N/A 08-27-09
Laboratory Number	51369	Date Sampled Date Received	N/A
Sample Matrıx	Methylene Chloride		N/A
Preservative	N/A	Date Analyzed Analysis Requested	08-26-09
Condition	N/A		TPH

Commence of the Commence of th	I-Cal Date	I-Cal RF:	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	1 0126E+003	1 0130E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1 0424E+003	1 0428E+003	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	238	95.2%	75 - 125%
Diesel Range C10 - C28	ND	250	244	97.6%	75 - 125%

ND - Parameter not detected at the stated detection limit

References

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996

Comments:

QA/QC for Samples 51329, 51369, 51372, 51385, 51386, 51393, 51394, 51404 and 51405.



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	ConocoPhillips	Project #	96052-0026
Sample ID	Reserve Pit	Date Reported	08-27-09
Laboratory Number	51329	Date Sampled	08-18-09
Chain of Custody	7732	Date Received	08-18-09
Sample Matrix.	Soil	Date Analyzed	08-26-09
Preservative	Cool	Date Extracted	08-25-09
Condition	Intact	Analysis Requested	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
D		• •
Benzene	ND	0.9
Toluene	6.1	1.0
Ethylbenzene	6.1	1.0
p,m-Xylene	40.3	1.2
o-Xylene	26.1	0.9
Total BTEX	78.6	

ND - Parameter not detected at the stated detection limit

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

References

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996

Comments:

San Juan 28-5 Unit 80M

Analyst

Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	N/A	Project #	N/A
Sample ID	08-26-BT QA/QC	Date Reported	08-27-09
Laboratory Number	51369	Date Sampled	N/A
Sample Matrix	Soil	Date Received	N/A
Preservative	N/A	Date Analyzed	08-26-09
Condition	N/A	Analysis	BTEX

Calibration and Detection Limits (ug/L)	LCal RFu	C-Cal RF: Accept. Rang	%Diff. ge 0 - 15%	Blank Conc	Defect. Limit
Benzene	3 5755E+006	3 5826E+006	0.2%	ND	0.1
Toluene	3 2951E+006	3 3017E+006	0.2%	ND	0.1
Ethylbenzene	2 8689E+006	2 8747E+006	0.2%	ND	0.1
p,m-Xylene	7 4267E+006	7 4416E+006	0.2%	ND	0.1
o-Xylene	2 7792E+006	2 7847E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample Di	uplicate	%Diff.	Accept Range	Detect Limit
Benzene	8.0	7.6	5.0%	0 - 30%	0.9
Toluene	16.7	17.1	2.4%	0 - 30%	1.0
Ethylbenzene	20.1	19.4	3.5%	0 - 30%	1.0
p,m-Xylene	39.3	38.8	1.3%	0 - 30%	1.2
o-Xylene	23.9	23.1	3.3%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample Amo	unt Spiked Spik	ed Sample	% Recovery	Accept Range
Benzene	8.0	50.0	57.2	98.6%	39 - 150
Toluene	16.7	50.0	66.2	99.3%	46 - 148
Ethylbenzene	20.1	50.0	68.6	97.9%	32 - 160
p,m-Xylene	39.3	100	130	93.5%	46 - 148
o-Xylene	23.9	50.0	72.2	97.7%	46 - 148

ND - Parameter not detected at the stated detection limit

References Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments:

QA/QC for Samples 51329, 51369, 51372, 51385, 51386, 51393, 51394, 51396, 51404 and 51405.

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Client ⁻	Conoco Phillips	Project #	96052-0026
Sample ID:	Reserve Pit	Date Reported:	08-25-09
Laboratory Number:	51329	Date Sampled	08-18-09
Chain of Custody No·	7732	Date Received	08-18-09
Sample Matrix	Soil	Date Extracted.	08-25-09
Preservative	Cool	Date Analyzed	08-25-09
Condition:	Intact	Analysis Needed:	TPH-418.1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

287

11.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418 1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978

Comments:

San Juan 28-5 Unit 80M

Analyst

Mostur mucetus Review



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client

QA/QC

Project #:

N/A

Sample ID:

QA/QC

Date Reported:

08-25-09

Laboratory Number: Sample Matrix

08-25-TPH.QA/QC 51385 Freon-113

Date Sampled:

N/A 08-25-09

TPH

Preservative:

Condition.

N/A N/A Date Analyzed: Date Extracted.

Analysis Needed:

08-25-09

Calibration

I-Cal Date 08-03-09

C-CaliDate 🚎 İ-CaliRF. 08-25-09

1,380

1,490

8.0% +/- 10%

C-Cal RF: % Difference Accept. Range

Blank Conc. (mg/Kg)

Concentration

Detection Limit

TPH

ND

11.0

Duplicate Conc. (mg/Kg)

TPH

Sample 485

Duplicate 441

% Difference Accept Range 9.1%

+/- 30%

Spike Conc. (mg/Kg) **TPH**

Sample 💯 485

2,000

Spike Added Spike Result % Recovery 2,210

88.9%

Accept Range 80 - 120%

ND = Parameter not detected at the stated detection limit.

References

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

QA/QC for Samples 51305, 51329, 51385, 51386, 51388, 51389, 51393, 51394, 51404 and 51405.



Chloride

Client	ConocoPhillips	Project #:	96052-0026
Sample ID [.]	Reserve Pit	Date Reported [.]	08-27-09
Lab ID# [.]	51329	Date Sampled:	08-18-09
Sample Matrix.	Soil	Date Received:	08-18-09
Preservative:	Cool	Date Analyzed:	08-26-09
Condition.	Intact	Chain of Custody:	7732

r arameter Concentration (mg/Ng	Parameter			Concentration (mg/Kg)
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Total Chloride 400

Reference U.S E P A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: San Juan 28-5 Unit 80M.

Analyst Review Review

Submit To Appropi Two Copies	nate District O	ffice			State of Ne	ew M	lexico						F	orm C-105	
District I Energy, Minerals and Na 1625 N French Dr., Hobbs, NM 88240							tural Resources July 17					July 17, 2008			
District II															
District III Off Conscivation Division										2 Type of Lease					
1000 Rio Brazos Rd, Aztec, NM 87410 District IV 1220 S St Francis Dr, Santa Fe, NM 87505 1220 South St. Francis Dr. Santa Fe, NM 87505										STATE FEE FED/INDIAN					
1220 S St Francis	Dr , Santa Fe,	NM 87505			Santa Fe, I	NM 8	87505			3 State Oil 8 SF-079520		Lease No			
WELL	COMPLE	TION O	RREC	OMPL	ETION RE	POF	INA TS	LOG							
4 Reason for file	ing									5 Lease Nam	ie or U	Init Agreer			
COMPLET	ION REPOR	RT (Fill in bo	xes #1 thro	ugh #31	for State and Fe	e wells	only)			San Juan 2		Unit			
☐ C-144 CLOS	SURE ATTA	CHMENT	(Fill in hor	es #1 thr	ough #9 #15 D	ate Rio	Released	and #32 and	d/or	80M				<u>.</u> **	
#33, attach this a	nd the plat to	the C-144 c	osure repo	t in acco	rdance with 19	15 17 1	3 K NMA	(C)							
7 Type of Comp		VORKOVE	R □ DEE	ENING	□PLUGBAC	к⊓і	DIFFERE	NT RESER	VOIF	R 🗆 OTHER					
8 Name of Opera	ator				<u> </u>					9 OGRID					
Burlington Resources Oil Gas Company, LP 10 Address of Operator									14538 11 Pool name or Wildcat						
PO Box 4298, Fa		M 87499								11 TOOL Hame	, 01 11	iiucai			
12.Location	Unit Ltr	Section	Town	ship	Range	Lot		Feet from	the	N/S Line	Feet	from the	E/W Line	County	
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вн:						 					_				
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11/07/2008							20	W D		16			Γ, GR, etc)	Od I P	
18 Total Measured Depth of Well 19 Plug Back Measured Depth						pth	20	was Direc	tiona	il Survey Made	,	21 Type	e Electric and	Other Logs Run	
22 Producing Interval(s), of this completion - Top, Bottom, Name															
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								INTERVA					TERIAL USE)	
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								<u></u>							
28	-		-			PRO	DDUC	TION					<u> </u>		
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29 Disposition of Gas (Sold, used for fuel, vented, etc.)											30	Test Witne	ssed By		
31 List Attachm	ents										<u></u>				
32 If a temporar	y pit was use	d at the well,	attach a pl	at with th	e location of the	tempo	orary pit								
33 If an on-site l	ourial was use	ed at the wel	, report the	exact loc	cation of the on-	site bu	rial						<u> </u>		
Latitude 36.63543°N Longitude 107.32457°W NAD □1927 ⊠1983															
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed Signature Name Crystal Tafoya Title: Regulatory Tech Date: 2/8/20/0															
}															
E-mail Addre	E-mail Address crystal.tafoya@conocophillips.com														

ConocoPhillips

Pit Closure Form:	
Date: 9/26/09	
Well Name: S.J. 28-5 80 M	
Footages:	Unit Letter:
Section: <u>26</u> , T- <u>28</u> -N, R- <u>5</u> -W, County:	Rio AnibeState: N.M.
Contractor Closing Pit: N:M	
Construction inspector: $\sum_{i=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j$	Date: 9/30/09
Inspector Signature:	

Tafoya, Crystal

From:

Silverman, Jason M

Sent:

Monday, September 21, 2009 2 28 PM

To:

Brandon Powell@state nm us

Subject:

FW Reclamation Notice San Juan 28-5 Unit 80M

Importance: High

M&M Trucking will move a tractor to the San Juan 28-5 Unit 80M on Thursday, September 24th, 2009, to start the Reclamation Process.

Please contact Eric Smith (608-1387) if you have any questions or need further assistance.

Thanks, Jason Silverman

Burlington Resources Well- Network #10212779

Rio Arriba County, NM:

San Juan 28-5 Unit #80M - BLM surface / BLM minerals

Twinned on San Juan 28-5 Unit #36

1540' FNL, 1490' FEL

Sec. 26, T28N, R5W

Unit Letter 'G'

Lease #: USA SF-079520-A

API #: 30-039-30490

Latitude: 36° 38' 06.97200" N (NAD 83)

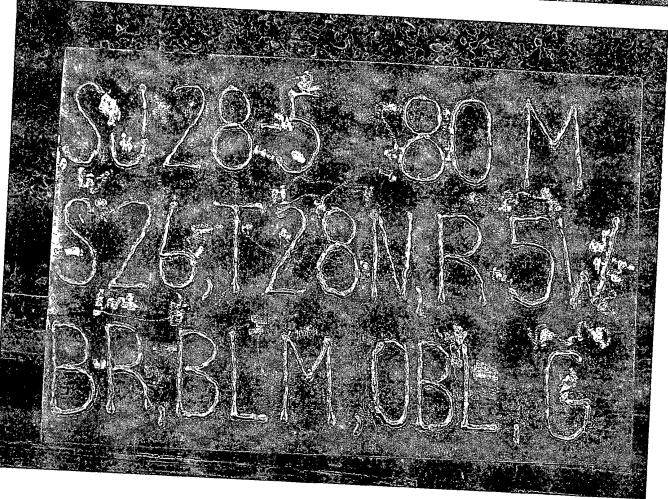
Longitude: 107° 19' 29.10000" W

Elevation: 7229'

Jason Silverman -----

Construction Technician
ConocoPhillips Company - SJBU
Projects Team
P.O. Box 4289
Farmington, NM 87499-4289
505-326-9821
Jason.M.Silverman@ConocoPhillips.com





WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME: San Juan 28-5 Unit 80M

API#: 30-039-30490

DATE	INSPECTOR	SAFETY	LOCATION CHECK	PICTURES TAKEN	COMMENTS
9/15/08	Scott Smith	Х	X	X	Repair fence where cut; tighten barbed-wire
9/23/08	Scott Smith	Х	Х	Х	Fence and liner in good condition
10/15/08	Scott Smith	Х	Х	Х	Fence and liner in good condition
10/22/08	Scott Smith	Х	Х	Х	Prepping to move rig on location ; fence loose
11/18/08	Scott Smith	Х	Х	Х	Fence and liner in good condition
11/24/08	Scott Smith	Х	Х	Х	Fence and liner in good condition
12/1/08	Scott Smith	Х	Х	X	Fence and liner in good condition; crew installing facilities
1/13/09	Scott Smith	X	X	X	Fence and liner in good condition
1/23/09	Scott Smith	Х	Х	X	Fence and liner in good condition; access road has deep ruts due to mud
2/2/09	Scott Smith	Х	Х	Х	Fence and liner in good condition; location & access road muddy & rutted
2/6/09	Scott Smith	Х	Χ .	Х	Fence and liner in good condition; Access road & location muddy and rutted, need bladed; two ConocoPhillips pickups on location, but no one was on location but me
2/16/09	Scott Smith	X	X	X	Fence and liner in good condition; location and access road muddy & rutted
2/23/09	Scott Smith	Х	Х	Х	Fence and liner in good condition; location and access road muddy & rutted
3/10/09	Scott Smith	Х	X	Х	Liner in good condition; barbed-wire cut @ blowpit; fence needs tightened behind blowpit
3/18/09	Art Sanchez	X	X	Х	Cellar not filled in yet
3/27/09	Art Sanchez	Х	Х	Х	
4/9/09	Art Sanchez	Х	Х	Х	
8/20/09	Elmer Perry	X	Х		Sign on location
9/8/09	Elmer Perry	Х	X		Sign on location

SAN JUAN 28-5 UNIT 80M API# 30-039-30490 PICTURES OF RECLAMATION PERMIT # 5180



