District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

State of New Mexico Energy Minerals and Natural Resources

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

Form C-144 July 21, 2008

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

4400 bbl Dimensions L 65' x W 45' x D 10'

1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa I	Fe, NM 87505		s and exceptions submit to the Santa Fe au office and provide a copy to the D District Office.
5721	Pit, Closed-Loop S	system, Below-G	rade Tank, or	
Prop	osed Alternative Me	ethod Permit or C	Closure Plan App	olication
Type of action:	Permit of a pit, closed-	loon system helow-ora	de tank or proposed a	ternative method
Type of detion.	X Closure of a pit, closed	• •		
	Modification to an exis		ade tank, or proposed	arcmative method
	=		ermitted or non-permitt	ed pit, closed-loop system,
•	below-grade tank, or pr	0.1		ed pit, closed-loop system,
Instructions: Please submit one a	application (Form C-144) po	er individual pit, closed	l-loop system, below-2	rade tank or alternative request
• •	of this request does not relieve the open		•	, 0
Operator: Burlington Resources O	il & Gas Company, LP		OGRID#: <u>145</u>	38
Address: P.O. Box 4289, Farming	ton, NM 87499		<u> </u>	
Facility or well name: San Juan 28	3-6 Unit 153N			
API Number: 3	30-039-30538	OCD Permit N	umber:	
U/L or Qtr/Qtr: D(NW/NW) Sect	ion: 25 Township:	28N Range:	6W County:	Rio Arriba
Center of Proposed Design: Latitud	e: 36.63821	°N Longitude:	107.426081	°W NAD: 1927 X 1983
Surface Owner: X Federal	State Private	e Tribal Trust or I	ndian Allotment	
2				
X Pit: Subsection F or G of 19.15.1	7.11 NMAC			
Temporary: X Drilling Wo	orkover			
	rkovei			
_ =	Cavitation P&A			

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:
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

Volume:

Alternative Method:

X String-Reinforced

X Welded X Factory Other

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, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify				
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 consitering/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	Yes No			
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 □N:			
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No			
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	∏Yes ∏No			
 adopted pursuant to NMSA 1978, Section 3-27-3, as amended Written confirmation or verification from the municipality; Written approval obtained from the municipality 				
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 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 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					
13					
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 10.15.17.0 NMAC and 10.15.17.13 NMAC					
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					
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

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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 NMAC) Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.				
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 future. 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	IAC			
17				
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 certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted office 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.	Yes No			
- NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells	N/A			
Ground water is between 50 and 100 feet below the bottom of the buried waste	Yes No			
- NM Office of the State Engineer - iWATERS database search; 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 - iWATERS database search; USGS; Data obtained from nearby wells	N/A			
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).	Yes No			
- Topographic map; Visual inspection (certification) of the proposed site				
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			
	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				
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.	Пуеѕ П №			
- Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division				
Within an unstable area.	Yes No			
Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society;				
Topographic map Within a 100-year floodplain FEMA map	Yes No			
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must bee attached to the clo	sure plan. Please indicate,			
by a check mark in the box, that the documents are attached.				
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				
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	1 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 NMA	C			
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	cannot be done ved j			
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, accurate and complete to the best of my knowledge and belief.
Name (Print): Title:
Signature: Date:
e-mail address: Telephone:
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only)- OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 3/4///
Title: OCD Permit Number:
The Chapter of Head obstraint Humber.
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 10, 2009
22 Closure Method: Waste Excavation and Removal On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain.
23
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 operations?
Yes (If yes, please demonstrate complilane 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) 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: 36.638414 °N Longitude: 107.426055 °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): Ethel Tally Title: Staff Regulatory Technician
Signature: Date: 2/10/10
e-mail address: ethel.tally@conocophillips.com Telephone: 505-599-4027

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

Lease Name: San Juan 28-6 Unit 153N

API No.: 30-039-30538

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.

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.)

4. 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	2.6 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	172 ug/kG
TPH	EPA SW-846 418.1	2500	386mg/kg
GRO/DRO	EPA SW-846 8015M	500	34.5 mg/Kg
Chlorides	EPA 300.1	(1000/300	135 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.

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. 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 28-6 Unit 153N, UL-D, Sec. 25, T 28N, R 6W, API # 30-039-30538

Tafoya, Crystal

From:

Tafoya, Crystal

Sent:

Wednesday, October 15, 2008 4:32 PM

To: Subject: 'mark_kelly@nm.blm.gov' Surface Owner Notification

The following locations temporary pit will be closed on-site. Please let me know if you have any questions.

San-Juan 28-6 Unit 114N San-Juan 28-6 Unit 153N San Juan 28-6 Unit 205N San Juan 28-6 Unit 102P

Thank you,

Crystal L. Tafoya Regulatory Technician ConocoPhillips Company San Juan Business Unit Phone: (505) 326-9837

Email: Crystal.Tafoya@conocophillips.com

District II

District II

1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 7 Copies Fee Lease - 3 Copies

☐ AMMENDED REPORT

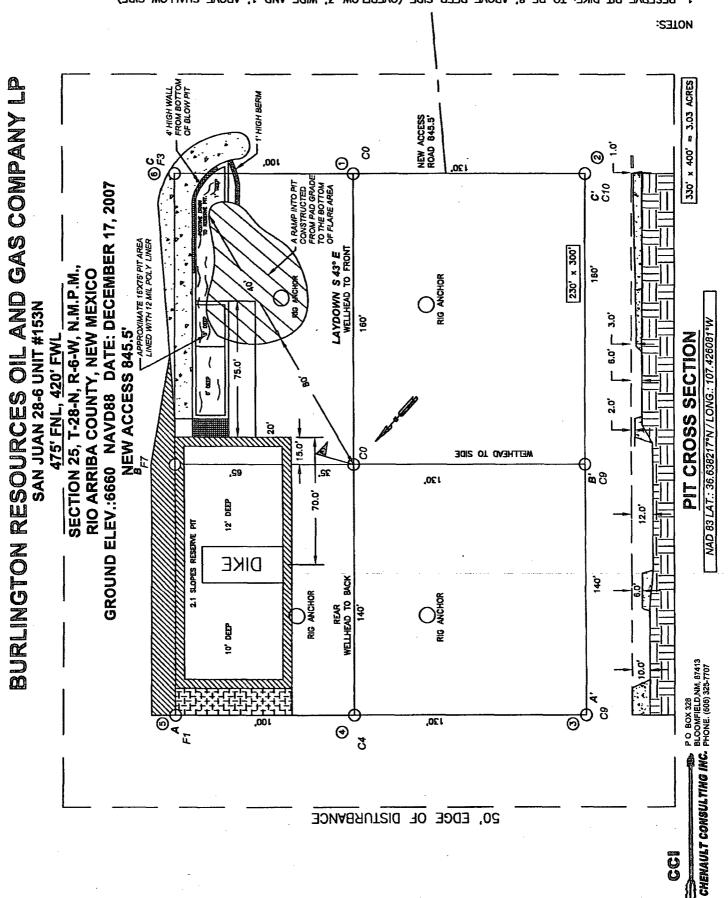
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number			2	Pool Code		³ Pool Name MESAVERDE / DAKOTA			
⁴ Property Cod	le	SAN JUAN 28-6 UNIT					⁶ Well Number 153N		
⁷ OGRID No	0.	8 Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP					⁹ Elevation 6660		
					10 SURFACE	LOCATION			
UL or lot no. D	Section 25	Township 28-N	Range 6-W	Lot ldn	Feet from the 475	North/South line NORTH	Feet from the 420	East/West line WEST	County RIO ARRIBA
			11 B	ottom H	ole Location	If Different Fro	m Surface		
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	13 Joint o	or Infill 14	Consolidation	Code 15	Order No.				

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

	WO THE RESERVE OF THE PERSON O	
N 89'54'27' E 2636.6' (M) N 89'55'00' W 2639.3' (R) WELL FLAG NAD 83 LAT: 36.638217° N LONG: 107.426081° W NAD 27 LAT:36'38.292509' N LONG: 107'25.528675' W		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and behef, and that this organization 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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofare entered by the division Signature
S 0'05'34" E N 0'01'00" W		Printed Name Title and E-mail Address Date 18 SURVEYOR CERTIFICATION
W/2 DEDICATED ACREAGE USA SF-013657 SECTION 25, T-28-N, R-6-W		I hereby certify that the well location shown on this plat was plotted from feld 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 Data of Survey, 12/17/07 Signature and Seal of Professional Surveys:
		Certificate Number: 188-54356

1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).





EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	COPC	Project #:	96052-0026
Sample ID:	Reserve Pit	Date Reported:	08-11-09
Laboratory Number:	51135	Date Sampled:	08-05-09
Chain of Custody No:	7581	Date Received:	08-05-09
Sample Matrix:	Soil	Date Extracted:	08-07-09
Preservative:	Cool	Date Analyzed:	08-10-09
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)	34.5	0.1
Total Petroleum Hydrocarbons	34.5	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:

SJ 28-6 Unit 153N

Analyst

Anstrum Wasters Review

Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-10-09 QA/QC	Date Reported:	08-11-09
Laboratory Number:	51103	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-10-09
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0028E+003	1.0032E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.1642E+002	9.1679E+002	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	5.8	6.7	15.5%	0 - 30%

Spike Conc. (mg/Kg)	Sample S _i	oike Added S	pikeResult 🔒 🤊	6 Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	252	101%	75 - 125%
Diesel Range C10 - C28	5.8	250	274	107%	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 51103 - 51105, 51109 - 51110, and 51133 - 51137.

Analyst

Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	COPC	Project #:	96052-0026
Sample ID:	Reserve Pit	Date Reported:	08-11-09
Laboratory Number:	51135	Date Sampled:	08-05-09
Chain of Custody:	7581	Date Received:	08-05-09
Sample Matrix:	Soil	Date Analyzed:	08-10-09
Preservative:	Cool	Date Extracted:	08-07-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
_		
Benzene	2.6	0.9
Toluene	25.7	1.0
Ethylbenzene	12.5	1.0
p,m-Xylene	96.7	1.2
o-Xylene	34.0	0.9
Total BTEX	172	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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:

SJ 28-6 Unit 153N

Analyst

Mustum Wasters
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-10-BT QA/QC	Date Reported:	08-11-09
Laboratory Number:	51103	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-10-09
Condition:	N/A	Analysis:	BTEX

Calibration and	I-Cal RF:	C-Cal RF:	%Diff.	Blank	Detect.
Detection Limits (ug/L)	The Edition of the Committee of the Comm	Accept. Rang	je 0 - 15%	Conc	Limit
Benzene	4.8763E+006	4.8861E+006	0.2%	ND	0.1
Toluene	4.5237E+006	4.5327E+006	0.2%	ND	0.1
Ethylbenzene	4.0106E+006	4.0186E+006	0.2%	ND	0.1
p,m-Xylene	1.0405E+007	1.0426E+007	0.2%	ND	0.1
o-Xylene	3.8191E+006	3.8268E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample Di	uplicate	%Diff.	Accept Range	Detect. Limit
Benzene	9.0	9.2	2.2%	0 - 30%	0.9
Toluene	13.4	13.9	3.7%	0 - 30%	1.0
Ethylbenzene	16.9	17.6	4.1%	0 - 30%	1.0
p,m-Xylene	38.9	39.7	2.1%	0 - 30%	1.2
o-Xylene	21.9	22.0	0.5%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample Amo	unt Spiked Spik	ed Sample	% Recovery	Accept Range
Benzene	9.0	50.0	57.9	98.1%	39 - 150
Toluene	13.4	50.0	61.2	96.5%	46 - 148
Ethylbenzene	16.9	50.0	63.7	95.2%	32 - 160
p,m-Xylene	38.9	100	144	104%	46 - 148
o-Xylene	21.9	50.0	67.4	93.7%	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 51103 - 51105, 51109 - 51110, and 51133 - 51137.

Review

Analyst

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Reserve Pit	Date Reported:	08-11-09
Laboratory Number:	51135	Date Sampled:	08-05-09
Chain of Custody No:	7581	Date Received:	08-05-09
Sample Matrix:	Soil	Date Extracted:	08-10-09
Preservative:	Cool	Date Analyzed:	08-10-09
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

386

16.5

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:

SJ 28-6 Unit 153N.



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:

QA/QC

Project #:

N/A

Sample ID:

QA/QC

Date Reported:

08-11-09

Laboratory Number:

08-10-TPH.QA/QC 51135 Freon-113

Date Sampled:

N/A

Sample Matrix: Preservative:

N/A

Date Analyzed: Date Extracted: 08-10-09 08-10-09

Condition:

N/A

Analysis Needed:

TPH

Calibration

I-Cal Date

C-Cal Date

I-Cal RF: C-Cal RF: % Difference Accept: Range

8.0%

08-03-09 08-10-09

1,380

1,270

+/- 10%

Blank Conc. (mg/Kg)

Concentration

Detection Limit

TPH

ND

16.5

Duplicate Conc. (mg/Kg)

TPH

TPH

Sample 386

Duplicate ... 386

0.0%

% Difference Accept. Range +/- 30%

Spike Conc. (mg/Kg)

Sample 386

Spike Added 2,000

Spike Result 2,320

% Recovery

97.2%

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 51135 - 51136, 51153 - 51159.



Chloride

Client: COPC Project #: 96052-0026 Sample ID: Reserve Pit Date Reported: 08-11-09 Lab ID#: 51135 Date Sampled: 08-05-09 08-05-09 Sample Matrix: Soil Date Received: Preservative: Cool Date Analyzed: 08-07-09 Condition: Chain of Custody: Intact 7581

Parameter

Concentration (mg/Kg)

Total Chloride

135

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:

SJ 28-6 Unit 153N.

Analyst

Mustum Walles
Review

Submit To Appropriate District Office Two Copies District I				State of New Mexico Energy, Minerals and Natural Resources						Form C-105 July 17, 2008							
1625 N. French Dr., Hobbs, NM 88240 District II				Energy, Minerals and Natural Resources					1. WELL API NO.								
1301 W. Grand Av District III		Oil Conservation Division					30-039-30538 2. Type of Lease										
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505				1220 South St. Francis Dr.						STATE FEE FED/INDIAN 3. State Oil & Gas Lease No.							
1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 WELL COMPLETION OR RECOMPLETION REPORT AND LOG							NM-013657										
WELL (TION C)R R	RECO	MPL	ETION RE	POF	RT AND	LOG		5. Lease Nam			it Agree		ame	
COMPLET		99r /E31 3 le		ł 1 theore	ab #21	for State and Ea	a walla	anlu)			San Juan 28-6	5 Un		II Agicc		anic	
_					_				1 //22	17	6. Well Num 153N	ber:					
#33; attach this a	nd the plat to									/or							
	WELL V	<u>W</u> ORKOVE	R 🔲	DEEPE	ENING	□PLUGBACI	к 🗆 I	DIFFERE	NT RESERV	/OIF							
8. Name of Oper Burlington Resor		s Company,	LP								9. OGRID 14538						
10. Address of O	perator										11. Pool name or Wildcat						
12 I continu	Unit Ltr	Section	 1	Towns	hin	Dange	Lot		Eget from	the	N/S Line Feet from the F/W Line County					County	
12.Location Surface:	- Ont Eu	Section		TOWNS	mb	Kange	Lot		rect from		N/S LIIC	1	II	om tic	L/ W	Line	County
вн:										_							
13. Date Spudde	d 14. Date	T.D. Reach	ed			Released		16. Date Complete									
18. Total Measur	ed Depth of	Well		19. P	in boxes #1 through #9, #15 Date Rig Released and #32 and/or report in accordance with 19.15.17.13.K NMAC) DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER 9. OGRID 14538												
22. Producing In	terval(s), of t	his complet	ion - T	op, Bot	tom, Na	ame											
22					CAS	INC DEC	ΩDI) (Don	ort all at	rin	og got in W	₇₀ 11	<u> </u>				
CASING SI	ZE	WEIGHT	LB./F							1111				ORD	A	MOUNT	PULLED
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		_															
24.		·			LIN	ER RECORD				25	<u> </u>	ΓUE	BIN	G REC	ORD		
SIZE	ТОР		BOT	TOM			ENT	SCREEN :		_	ZE				F PACKER SET		
		_							•	-		+					
26. Perforation	record (inte	rval, size, ar	nd num	nber)													
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	~																
28.		_					PRO	DDUC	TION								
Date First Produ	ction	Pr	oducti	on Metl	hod (Fle)	Well Statu	s (Pi	rod.	or Shut-	in)		,
252			т			I =		011 71						~		Τ	
Date of Test	Hours To	ested	Cho	ke Size		Prod'n For Test Period		Oil - Bb	I	Ga 	s - MCF		Wat	er - Bbl.		Gas - C	Oil Ratio
Flow Tubing Press.			1	Calculated 24- Hour Rate		Oil - Bbl.		Gas	Gas - MCF		Water - Bbl.		Oil Gravity - A		API - (Corr.)		
1 .	29. Disposition of Gas (Sold, used for fuel, vented, etc.) 30. Test Witnessed By																
31. List Attachm																	
32. If a temporar				-			-			_							•
33. If an on-site	buriai was us	Latitude				ngitude 107.426			□ 1927 ⊠ 1	983							
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																	
Signature	with		al	ly	Nan	ne Ethel Tal	lly	Title:	Staff Regu	ılato	ory Technica	in.		Date:	2	lw/li)
E-mail Addre	ess ethel.ta	ally@cond	ocopł	nillips.	com												

CorrocoPhillips O

Pit Closure Form:	
Date: 9/10/09	
Well Name: 28-6# 153 N.	
Footages:	Unit Letter: 🔽
Section: <u>25</u> , T- <u>28</u> -N, R- <u>6</u> -W, County: <u>R</u> :	o ArtidaState: N.M.
Contractor Closing Pit: Aztec	**************************************
Construction Inspector: Sic Snith	Date: 9/11/09
Inspector Signature:	,

Tally, Ethel

From:

Silverman, Jason M

Sent:

Wednesday, September 02, 2009 3:51 PM

To:

Brandon.Powell@state.nm.us

Subject:

FW: Reclamation Notice: San Juan 28-6 Unit 153N

Importance: High

Subject: Reclamation Notice: San Juan 28-6 Unit 153N

Importance: High

Aztec Excavation will move a tractor to the **San Juan 28-6 Unit 153N** on **Wednesday, September 9th, 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#: 10219867

Rio Arriba County, NM

SAN JUAN 28-6 UNIT 153N – BLM surface / BLM minerals

Twin: n/a

475' FNL, 420' FWL SEC. 25, T28N, R06W

Unit Letter 'D'

Lease #: USA SF-013657

Latitude: 36° 38 min 17.58120 sec N (NAD 83) Longitude: 107° 25 min 33.89160 sec W (NAD83)

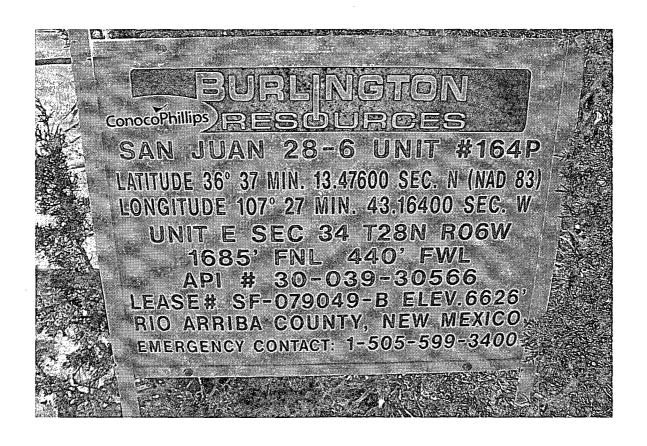
Elevation: 6660' API #: 30-039-30538

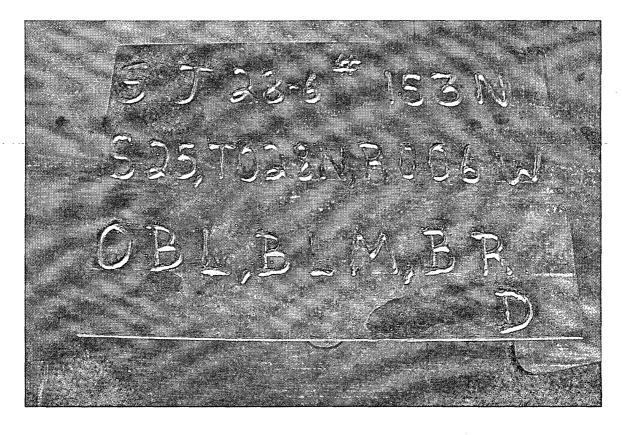
Jason Silverman -----

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

ConocoPhillips

Reclamation Form:
Date:
Well Name: <u>ST 28-6 UNIT 153N</u>
Footages: <u>475 FNL 420 FWL</u> Unit Letter: <u>D</u>
Section: <u> </u>
Reclamation Contractor:
Reclamation Date: 1/-/0-09
Road Completion Date:
Seeding Date: 1/-10-0 7
Construction Inspector: Construction Inspector: Date:
Inspector Signature:





WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME: San Juan 28-6 Unit 153N

API#: 30-039-30538

COMMENTS	AWS 730 ON LOC.	Called Crossfire to repair fence, and small holes in liner. Notified OCD.	Schlumberger Frac crew on location				No drain ditch around front of pit. Barricade at well head.
PICTURES TAKEN		×	×	×	×	×	
LOCATION		×	×	×	×	×	×
SAFETY	×	×	×	×	×	×	×
INSPECTOR	Rodney	Art Sanchez	Art Sanchez	Art Sanchez	Elmer Perry	Elmer Perry	Elmer Perry
DATE	10/14/08	3/17/09	3/24/09	6/11/09	7/15/09	7/23/09	7/31/09