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

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

Form C-144 July 21, 2008

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

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

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District IV

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

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 he advised that approval of this request doe

Operator: ConocoPhillips Company	OGRID#: 217817
Address: P.O. Box 4289, Farmington, NM 87499	
Facility or well name: NEWBERRY B 1N	
API Number: 30-045-34571	OCD Permit Number
U/L or Qtr/Qtr: D(NW/NW) Section: 35 Township: 32N	N Range: 12W County: San Juan
Center of Proposed Design: Latitude: 36.947201 °N	Longitude: 108.072688 °W NAD: 1927 X 1983
Surface Owner: X Federal State Private	Tribal Trust or Indian Allotment
2	
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 20 mi	nıl 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	
	er or Drilling (Applies to activities which require prior approval of a permit or
notice of n	
Drying Pad Above Ground Steel Tanks Haul-off Bins	Other
Lined Unlined Liner type Thickness mil	II LLDPE HDPE PVD Other
Liner Seams Welded Factory Other	
4	Intent) Other ILLDPE HDPE PVD Other OIL CONS. DIV. DIS Other VC Other Other
Below-grade tank: Subsection I of 19 15 17 11 NMAC	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Volumebbl Type of fluid	——————————————————————————————————————
Tank Construction material	OIL DOMO. DIV. DIS
Secondary containment with leak detection Visible sidewalls, lii	liner, 6-inch lift and automatic overflow shut-off
Visible sidewalls and liner Visible sidewalls only	Other
Liner Type Thickness mil HDPE PV	VC Other
Alternative Method:	



Eencing: 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 cons (Fencing/BGT Liner) Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	ideration of ap	proval				
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 - 1WATERS 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					
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits)	Yes NA	No				
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	□No				
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.						
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality; Written approval obtained from the municipality						
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site						
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 Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9
Situng Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
l
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
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 19.15.17.9 NMAC and 19.15.17.13 NMAC
14
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

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16 Waste Removal Closure For Closed-loop Systems Th	nat Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15 17 13 D NMAC	')				
Instructions. Please identify the facility or facilities for facilities are required	the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than tw	vo				
•	Disposal Facility Permit #:					
Disposal Facility Name	Disposal Facility Permit #					
	tions and associated activities occur on or in areas that will not be used for futur					
Required for impacted areas which will not be used for Soil Backfill and Cover Design Specification Re-vegetation Plan - based upon the appropriate the second control of the	_	MAC				
certain siting criteria may require administrative approval	ods only: 19 15 17 10 NMAC of compliance in the closure plan. Recommendations of acceptable source material are provide from the appropriate district office or may be considered an exception which must be submitted lemonstrations of equivalency are required Please refer to 19 15 17 10 NMAC for guidance.					
Ground water is less than 50 feet below the bottom	n of the buried waste	Yes No				
- NM Office of the State Engineer - IWATERS da	tabase search, USGS Data obtained from nearby wells	N/A				
Ground water is between 50 and 100 feet below th	e bottom of the buried waste	Yes No				
	abase search, USGS, Data obtained from nearby wells	∏ N/A				
Ground water is more than 100 feet below the bott	tom of the buried waste	Yes No				
	abase search, USGS, Data obtained from nearby wells					
(measured from the ordinary high-water mark).	or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake	Yes No				
- Topographic map; Visual inspection (certification	a) of the proposed site					
Within 300 feet from a permanent residence, school, ho - Visual inspection (certification) of the proposed si	spital, institution, or church in existence at the time of initial application te, Aerial photo, satellite image	Yes No				
purposes, or within 1000 horizontal fee of any other free	water well or spring that less than five households use for domestic or stock watering sh water well or spring, in existence at the time of the initial application abase, Visual inspection (certification) of the proposed site	Yes No				
pursuant to NMSA 1978, Section 3-27-3, as amended.	efined municipal fresh water well field covered under a municipal ordinance adopted	Yes No				
Within 500 feet of a wetland	ucipality, Written approval obtained from the municipality , Topographic map, Visual inspection (certification) of the proposed site	Yes No				
Within the area overlying a subsurface mine. - Written confirantion or verification or map from t		Yes No				
Within an unstable area	n; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society,	Yes No				
Topographic map Within a 100-year floodplain FEMA map		Yes No				
by a check mark in the box, that the documents		osure plan. Please indicate,				
	s - 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						
<u>-</u>	(if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC					
	t (for in place burial of a drying pad) - based upon the appropriate requirements of	01 19 15 17 11 NMAC				
	appropriate requirements of 19.15.17.13 NMAC	A.C.				
) - 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						
	priate requirements of Subsection I of 19 15 17.13 NMAC propriate 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 l elephone
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Approval Date: 9/13/201
Title: OMDIGNES OCD Permit Number:
The OVI MALE OF THE MAINTENANCE.
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: January 28, 2009
Closure Method: Waste Excavation and Removal Maternative 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 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
24 <u>Closure Report Attachment Checklist:</u> 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 36.947238 °N Longitude 108.072575 °W NAD 1927 X 1983
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
1 / 2
Name (Print) Marie E. Jarathillo Title: Staff Regulatory Tech
Signature Date Date
e-mail address marie e jaramii lo@conocophillips.com Telephone 505-326-9865

ConocoPhillips Company San Juan Basin Closure Report

Lease Name: NEWBERRY B 1N

API No.: 30-045-34571

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

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

General Plan:

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

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

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

The pit was closed using onsite burial.

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

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

4. Within 6 months of the Rig Off status occurring COPC 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. ConocoPhillips 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.

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

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

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

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	10.1 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	57.8 ug/kG
TPH	EPA SW-846 418.1	2500	141mg/kg
GRO/DRO	EPA SW-846 8015M	500	4.4 mg/Kg
Chlorides	EPA 300.1	(1000)500	219 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.

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

Dig and Haul was not required.

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

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

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

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

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

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

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

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

The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: COP, BLM, NEWBERRY B 1N, UL-D, Sec. 35, T 32N, R 12W, API # 30-045-34571.

Tafoya, Crystai

From:
- Sent:

Tafoya, Crystal

To: Subject: Thursday, July 10, 2008 8:16 AM 'mark_kelly@nm.blm.gov'

OCD Pit Closure 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. Thank you!

Allison Unit 2B

Allison Unit 40N

Angel Peak B 27E

Ballard 11F

Cain 725S

Canyon Largo Unit 250N

Canyon Largo Unit 279E

Canyon Largo Unit 288E

Canyon largo Unit 297E

Canyon Largo Unit 465E

Carson SRC 4E

Day B 4P

Day B 5A

East 17S

EPNG A 1B

EPNG B 1M

Federal A 1E

Filan 5M

Filan 5N

Fogelson 4 100

Fogelson 4 100S

Grambling C 202S

Hagood 19

Hamner 9S

Hardie 4P

Hare 295

Heaton Com 100

Helms Federal 1G

Howell 12

Huerfanito Unit 103F

Huerfanito Unit 29S

Huerfanito Unit 39S

Huerfanito Unit 47S

Huerfanito Unit 50E

Huerfanito Unit 75E

Huerfanito Unit 83E

Huerfanito Unit 87E

Huerfanito Unit 90E

Huerfanito Unit 90M

Huerfanito Unit 98S

Huerfano Unit 108F

Huerfano Unit 282E

Huerfano unit 305

Huerfano unit 307

Huerfano Unit 554

Johnston Federal 24S

King 3

Lackey A Com 100S

Lambe 1C

Lambe 7S

Lively 8M

Lloyd A 100

Lloyd A 100S

Martin 100

McCord B 1F

McDurmitt Com 100S

McManus 13R

Mitchell 1S

Morris A 14

Newberry B 1N.

Newsom B 503

Newsom B 8N

Pierce A 210S

Roelofs 1N

San Juan 27-4 Unit 132G

San Juan 27-4 Unit 132M

San Juan 27-4 Unit 139N

San Juan 27-4 Unit 140B

San Juan 27-4 Unit 141M

San Juan 27-4 Unit 147Y

San Juan 27-4 Unit 153B

San Juan 27-4 Unit 22M

San Juan 27-4 Unit 38P

San Juan 27-4 Unit 41N

San Juan 27-4 Unit 42N

San Juan 27-4 Unit 569N

San Juan 27-4 Unit 59N

Sail Suali 27-4 Onit 5514

San Juan 27-4 Unit 60M San Juan 27-5 Unit 113F

San Juan 27-5 Unit 59N

San Juan 27-3 Onit 391

San Juan 27-5 Unit 84N San Juan 27-5 unit 901

San Juan 27-5 Unit 902

San Juan 27-5 Unit 903

O-- 1--- 07 5 Link 004

San Juan 27-5 Unit 904 San Juan 27-5 Unit 905

San Juan 27-5 Unit 906

San Juan 27-5 Unit 907

San Juan 27-5 Unit 908

San Juan 27-5 Unit 909

San Juan 27-5 Unit 910

San Juan 27-5 Unit 912

San Juan 27-5 Unit 913

San Juan 27-5 Unit 914

San Juan 27-5 Unit 915

San Juan 27-5 Unit POW 916

San Juan 28-4 Unit 27M

San Juan 28-5 Unit 54F

San Juan 28-5 Unit 62E

San Juan 28-5 Unit 63M

San Juan 28-5 Unit 76N

San Juan 28-5 Unit 77N

San Juan 28-6 Unit 113N

DISTRICT I 1625 M. French Br., Hobba, N.H. 68240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005

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

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DESTRICT III 1000 Rio Brokos Rd., Actec, N.H. 87410

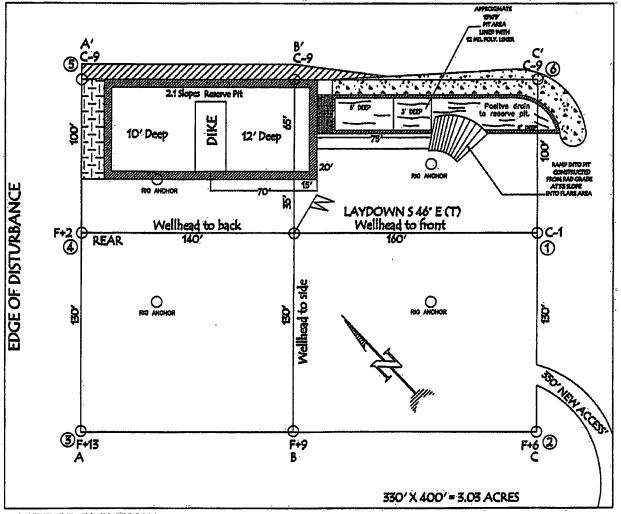
DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API	liumber		Pool Code Pool Name DAKOTA/MESAVERDE							
Property C	ode	,		+	⁶ Property	Hame	***************************************	T	• 1	eli Number
	Ì				NEWBERRY	В		l		in
OCRED No					*Operator	Name		``	•	Elevation.
			BURL	INGTON RI	SOURCES OIL	AND GAS COMPA	ny lp			3290'
			,		¹⁰ Surface	Location)	**		
UL or lot no.	Section	Lonnapib	Range	Lot Idn	Feet from the	North/South line	Feet from the	Bost/Ves	t line	County
D	35	32-N	32-N 12-W 860' NORTH 315' WES				Ť,	SAN JUAN		
			11 Bott	om Hole	Location I	Different Fro	om Surface			
UL or lot no.	Section.	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/For	A line	County
"Dedicated Acre	l		²³ Joint or	infill	⁵⁵ Consolidation (code	²³ Order Ho.	<u> </u>	<u> </u>	<u> </u>
NO ALLOW	ABLE W	ILL BE A	SSIGNEI	TO THE	S COMPLETIC	ON UNTIL ALL	INTERESTS I	IAVE BE	EEN CO	NSOLIDATED

16	OR A NON-SIA	NUARD UNIT HAS B	BEN ALTIWARD DI	THE DIAPPIAN
S & 251	OSA SE OTOLAR	LAT: 36 56 8320° N. LONG: 108 04 3237° W. NAD 1927 LAT: 36 947201° N. LONG: 108 072688° W. NAD 1983		17 OPERATOR CERTIFICATION I havely certify that the information centrated herein to true and complete to the best of any knowledge and bellief, and that this organization either some a working interest or unlessed undered inderest to the land tendenting the proposed bettom hote location or has a right to drill this used at this location persuent to a construct with an amount of such a uninered or a working interest, or in a wolking pooling agreement or a computary pooling order hereinfore entered by the distance.
Sa.107a Sa.107a Cectir Divi				Signature Printed Name
USA SE OTHIAS	IILETRON	35 		18 SURVEYOR CERTIFICATION I havely certify that the well treation about on first plat can platfed from field notes of actual surveys made by the or under my supervision, and that the same to bree and correct to the best of my builts. Date of Survey Signature and steel Westindayank Surveyor:
			*** *	Gertificate Brancher 15703



YPLINES O'R CÂBLES ON WELL PAD AND O'R ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION

LATITUDE: 36° 56.8320' N LONGITUDE: 108 04.3237' W **NAD 27**



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newberry B 11N	Date Reported:	08-27-08
Laboratory Number:	46885	Date Sampled:	08-22-08
Chain of Custody No:	5065	Date Received:	08-22-08
Sample Matrix:	Soil	Date Extracted:	08-26-08
Preservative:		Date Analyzed:	08-27-08
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)	4.4	0.1
Total Petroleum Hydrocarbons	4.4	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:

Drilling Pit Sample

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 • Fax 505-632-1865



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newberry B 1N Background	Date Reported:	08-27-08
Laboratory Number:	46886	Date Sampled:	08-22-08
Chain of Custody No:	5065	Date Received:	08-22-08
Sample Matrix:	Soil	Date Extracted:	08-26-08
Preservative:		Date Analyzed:	08-27-08
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)	ND	0.1
Total Petroleum Hydrocarbons	ND	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:

Drilling Pit Sample

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 • Fax 505-632-1865



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

orted: 08-27-08 bled: N/A vived: N/A yzed: 08-27-08 tequested: TPH	
vived: N/A vzed: 08-27-08 dequested: TPH	
yzed: 08-27-08 dequested: TPH	
lequested: TPH	
•	
F: % Difference Accept. Ra	nge
-002 0.04% 0 - 15%	6
·003 0.04% 0 - 15%	o o
Detection Limit	
0.2	
0.1	
0.2	
	003 0.04% 0 - 15% Detection Limit 0.2 0.1

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	1.4	1.2	8.3%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	247	98.8%	75 - 125%
Diesel Range C10 - C28	1.4	250	250	99.6%	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 46877 - 46886.

Analyst



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newberry B 1N	Date Reported:	08-27-08
Laboratory Number:	46885	Date Sampled:	08-22-08
Chain of Custody:	5065	Date Received:	08-22-08
Sample Matrix:	Soil	Date Analyzed:	08-27-08
Preservative:		Date Extracted:	08-26-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Damana	40.4		
Benzene	10.1	0.9	
Toluene	22.1	1.0	
Ethylbenzene	2.2	1.0	
p,m-Xylene	18.2	1.2	
o-Xylene	5.2	0.9	
Total BTEX	57.8		

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:

Drilling Pit Sample

Analyst

Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newberry B 1N Background	Date Reported:	08-27-08
Laboratory Number:	46886	Date Sampled:	08-22-08
Chain of Custody:	5065	Date Received:	08-22-08
Sample Matrix:	Soil	Date Analyzed:	08-27-08
Preservative:		Date Extracted:	08-26-08
Condition:	Intact	Analysis Requested:	BTEX

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

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:

Drilling Pit Sample

Analyst

Review



o-Xylene

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

ND

0.1

Client.	N/A		Project #:		N/A
Sample ID	08-27-BT QA/QC		Date Reported:		08-27-08
Laboratory Number:	46877		Date Sampled:		N/A
Sample Matrix:	Soil		Date Received ⁻		N/A
Preservative:	N/A		Date Analyzed:		08-27-08
Condition:	N/A		Analysis:		BTEX
Calibration and Detection Limits (ug/L)	LCal RF:	C-Cal RF: Accept. Ran	%Diff, ngë 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.1582E+007	6.1706E+007	0.2%	ND	0.1
Toluene	4.6404E+007	4.6497E+007	0.2%	ND	0.1
Ethylbenzene	3 6427E+007	3 6500E+007	0.2%	ND	0.1
p,m-Xylene	7 5630E+007	7.5781E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	A Sample Du	plicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	3.0	3.3	10.0%	0 - 30%	1.0
Ethylbenzene	2.3	2.4	4.3%	0 - 30%	1.0
p,m-Xylene	7.2	7.8	8.3%	0 - 30%	1.2
o-Xylene	1.8	2.0	11.1%	0 - 30%	0.9

3.3482E+007

0.2%

Spike Conc. (ug/Kg)	Sample Amo	unt Spiked Spik	ed Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.6	99.2%	39 - 150
Toluene	3.0	50.0	52.6	99.2%	46 - 148
Ethylbenzene	2.3	50.0	51.9	99.2%	32 - 160
p,m-Xylene	7.2	100	105	98.1%	46 - 148
o-Xylene	1.8	50.0	51.4	99.2%	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,

3.3415E+007

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 46877 - 46886.

Analyst



TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newberry B 1N	Date Reported:	08-29-08
Laboratory Number:	46885	Date Sampled:	08-21-08
Chain of Custody:	5065	Date Received:	08-22-08
Sample Matrix:	Soil	Date Analyzed:	08-27-08
Preservative:		Date Digested:	08-27-08
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
A	0.224	0.004	5.0
Arsenic	0.224	0.001	5.0
Barium	44.1	0.001	100
Cadmium	0.002	0.001	1.0
Chromium	0.645	0.001	5.0
Lead	0.327	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.035	0.001	1.0
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References:

Method 3050B, Acid Digestion of Sediments, Sludges and Soils.

SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

Spectroscopy, SW-846, USEPA, December 1996.

Note:

Regulatory Limits based on 40 CFR part 261 subpart C

section 261.24, August 24, 1998.

Comments:

Drilling Pit Sample.



TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newberry B 1N Background	Date Reported:	08-29-08
Laboratory Number:	46886	Date Sampled:	08-21-08
Chain of Custody:	5065	Date Received:	08-22-08
Sample Matrix:	Soil	Date Analyzed:	08-27-08
Preservative:		Date Digested:	08-27-08
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.185	0.001	5.0
Barium	6.88	0.001	100
Cadmium	0.001	0.001	1.0
Chromium	0.532	0.001	5.0
Lead	0.341	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.019	0.001	1.0
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.

SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C

section 261.24, August 24, 1998.

Comments: Drilling Pit Sample.

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TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

80% - 120%

Client:		QA/QC		Project #:			QA/QC
Sample ID:		08-27 TM	QA/AC	Date Rep			08-29-08
Laboratory Number:		46877		Date Sam	npled:		N/A
Sample Matrix:		Soil		Date Rec	eived:		N/A
Analysis Requested:		Total RCR	A Metals	Date Ana	lyzed:		08-27-08
Condition:		N/A		Date Dige	ested:		08-27-08
Blank & Duplicate	instrument	Method	Detection	on Sample	e Duplicate	%	Acceptance
Conc. (mg/Kg) BI	ank (mg/K	g) Blank	Limit			Diff.	Range
Arsenic	ND	ND	0.001	0.105	0.099	6.4%	0% - 30%
Barium	ND	ND	0.001	115	117	1.9%	0% - 30%
Cadmium	ND	ND	0.001	0.002	0.002	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.632	0.661	4.7%	0% - 30%
Lead	ND	ND	0.001	0.348	0.363	4.3%	0% - 30%
Mercury	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.035	0.038	8.5%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%
O. II.		62112	C1	e Spiked	Doronat		A contact
Spike Conc. (mg/Kg)		Spike Added	Sample	e Spiked Sample	Charles Control		Acceptance Range
A	, , ,	0.350	0.105	0.300	84.5%		80% - 120%
Arsenic		0.250					
Barium		0.500	115	114	99.0%		80% - 120%
Cadmium		0.250	0.002	0.236	93.8%		80% - 120%
Chromium		0.500	0.632	1.048	92.6%		80% - 120%
Lead		0.500	0.348	0.782	92.2%		80% - 120%
Mercury		0.100	0.001	0.099	98.5%		80% - 120%
Selenium		0.100	0.035	0.125	92.4%		80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.

SW-846, USEPA, December 1996.

0.100

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

0.096

95.8%

Spectorscopy, SW-846, USEPA, December 1996.

ND

Comments: QA/1QC for Samples 46877 - 46886.

Analyst

Silver



CATION / ANION ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newbery B 1N	Date Reported:	09-02-08
Laboratory Number:	46885	Date Sampled:	08-22-08
Chain of Custody:	5065	Date Received:	08-22-08
Sample Matrix:	Soil Extract	Date Extracted:	08-26-08
Preservative:		Date Analyzed:	08-27-08
Condition:	Intact		

	Analytical			
Parameter	Result	Units		
pH	6.85	s.u.		
Conductivity @ 25° C	2,550	umhos/cm		
Total Dissolved Solids @ 180C	1,260	mg/L		
Total Dissolved Solids (Calc)	1,520	mg/L		
SAR	5.1	ratio		
Total Alkalinity as CaCO3	182	mg/L		
Total Hardness as CaCO3	487	mg/L		
Bicarbonate as HCO3	182	mg/L	2.98	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	0.400	mg/L	0.01	meq/L
Nitrite Nitrogen	0.002	mg/L	0.00	meq/L
Chloride	219	mg/L	6.18	meq/L
Fluoride	0.242	mg/L	0.01	meq/L
Phosphate	0.500	mg/L	0.02	meq/L
Sulfate	662	mg/L	13.78	meq/L
Iron	0.081	mg/L	0.00	meq/L
Calcium	176	mg/L	8.78	meq/L
Magnesium	11.4	mg/L	0.94	meq/L
Potassium	75.0	mg/L	1.92	meq/L
Sodium	261	mg/L	11.35	meq/L
Cations			23.00	meq/L
Anions			22.98	meq/L
Cation/Anion Difference			0.07%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983. Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments. Drilling Pit Sample.

Analyst

Review Muceter



CATION / ANION ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newbery B 1N Background	Date Reported:	09-02-08
Laboratory Number:	46886	Date Sampled:	08-22-08
Chain of Custody:	5065	Date Received:	08-22-08
Sample Matrix:	Soil Extract	Date Extracted:	08-26-08
Preservative:		Date Analyzed:	08-27-08
Condition:	Intact		

	Analytical			
Parameter	Result	Units		
рН	7.39	s.u.		
Conductivity @ 25° C	144	umhos/cm		
Total Dissolved Solids @ 180C	80.0	mg/L		
Total Dissolved Solids (Calc)	83.7	mg/L		
SAR	1.9	ratio		
Total Alkalinity as CaCO3	69.0	mg/L		
Total Hardness as CaCO3	17.4	mg/L		
Bicarbonate as HCO3	69.0	mg/L	1.13	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	<0.01	mg/L	0.00	meq/L
Nitrite Nitrogen	<0.01	mg/L	0.00	meq/L
Chloride	5.18	mg/L	0.15	meq/L
Fluoride	1.52	mg/L	0.08	meq/L
Phosphate	<0.01	mg/L	0.00	meq/L
Sulfate	3.17	mg/L	0.07	meq/L
Iron	6.48	mg/L	0.23	meq/L
Calcium	4.88	mg/L	0.24	meq/L
Magnesium	1.26	mg/L	0.10	meq/L
Potassium	3.94	mg/L	0.10	meq/L
Sodium	17.9	mg/L	0.78	meq/L
Cations			1.46	meq/L
Anions			1.42	meq/L
Cation/Anion Difference			2.49%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983. Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Drilling Pit Sample.

Analyst

Review (Locater



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newberry B 1N	Date Reported:	08-29-08
Laboratory Number:	46885	Date Sampled:	08-22-08
Chain of Custody No:	5065	Date Received:	08-22-08
Sample Matrix:	Soil	Date Extracted:	08-26-08
Preservative:		Date Analyzed:	08-27-08
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

141

5.0

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:

Drilling Pit Sample.

Analyst

Mustum Walter



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Newberry B 1N Background	Date Reported:	08-29-08
Laboratory Number:	46886	Date Sampled:	08-22-08
Chain of Custody No:	5065	Date Received:	08-22-08
Sample Matrix:	Soil	Date Extracted:	08-26-08
Preservative:		Date Analyzed:	08-27-08
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

21.5

5.0

ND = Parameter not detected at the stated detection limit.

References:

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

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and Waste, USEPA Storet No. 4551, 1978.

Comments:

Drilling Pit Sample.

Analyst



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:		QA/QC		Project #:		N/A
Sample ID:		QA/QC		Date Reported	l:	08-29-08
Laboratory Number:		08-27-TPH.QA/Q0	C 46877	Date Sampled	:	N/A
Sample Matrix:		Freon-113		Date Analyzed		08-27-08
Preservative:		N/A		Date Extracted	l:	08-26-08
Condition:		N/A		Analysis Need	ed:	TPH
Calibration	I-Cal Date::	C-Cal Date 08-27-08	ી-Cal RF: 1,680	C-Cal RF:	•	Accept. Range
	00-22-00	00-27-00	1,000	1,600	4.0%	T/~ 10%
Blank Conc. (mg	/Kg)		Concentration	lands of the Market of the Control o	Detection Lim	
ТРН	A STATE OF THE STA		ND		13.4	
Duplicate Conc.		· · · · · · · · · · · · · · · · · · ·	AND ARREST CO. N. P. WANDERS S. S. D. AND ARREST AND ADDRESS.	Duplicate 79.2	the state of the s) A9 . (
Duplicate Conc.	(ṃġ/Ƙg)	rik dalamanakan di Nam ya a saukawanini	ND Sample 77.9	Duplicate 79.2	13.4 % Difference 1.7%	Accept. Range +/- 30%
Duplicate Conc. TPH	(ṃġ/Ƙg)	rik dalamanakan di Nam ya a saukawanini	ND Sample 77.9	Duplicate 79.2	13.4 % Difference 1.7%	Accept. Range
Duplicate Conc. TPH Spike Conc. (mg	(ṃġ/Ƙg)	Sample	ND Sample 77.9 Spike Added	Duplicate 79.2 Spike Result	13.4 % Difference 1.7%	Accept Range +/- 30%

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 46887 - 46886.

Analyst

Mustum Weeler Review

Submit To Appropr Two Copies District I	ate District	Offic	ce		State of New Mexico Energy, Minerals and Natural Resources					Form C-105 July 17, 2008								
1625 N French Dr. District II													1. WELL API NO. 30-045-34571					
1301 W. Grand Ave <u>District III</u> 1000 Rio Brazos Ro				ļ			Conservat OSouth St					l	2. Type of Lease					
District IV 1220 S. St. Francis							Santa Fe, N				1.	ŀ	STATE ☐ FEE ☑ FED/INDIAN 3. State Oil & Gas Lease No.					
					ECC		ETION REI				VI OC		NMSF-078				- 4-L - 1777	Transport
4. Reason for fili		_	ION	יול ר	CECC	IVIPLI	ETION REI	PUR	IA	NL	LOG	wan	5. Lease Nam				Name	
☐ COMPLETE	ON REP	ORT	(Fill in be	oxes #	‡1 throu	gh #31 1	for State and Fee	wells	only)			ŀ	NEWBERRY B 6. Well Number:					
C-144 CLOS #33; attach this ar	nd the plat	TAC to th	CHMENT ne C-144 c	(Fill	in boxe e report	s #1 thro	ough #9, #15 Dardance with 19.1	te Rig 1 5 17.13	Releas	sed a	and #32 and/ C)	or	1N					
	VELL [) wc	ORKOVE	R 🔲	DEEPE	NING	□PLUGBACk		IFFE	REN	NT RESERV	OIR						
8. Name of Opera ConocoPhilli		nan	v										9 OGRID 217817					
10. Address of O	perator						•					\dashv	11. Pool name	or W	ildcat			
PO Box 4298, Fa	rmington,	NM	87499															
12.Location Surface:	Unit Ltr		Section		Towns	hip	Range	Lot	Lot Feet from the		N/S Line	Feet from the		E E/\	W Line	County		
BH:		+										\dashv			••	 	-	
13. Date Spudded	1 14. Da	ate T.	D. Reache	ed I	15. E		Released			16.	Date Comple	eted	(Ready to Proc	luce)			l evations (DF R, etc.)	and RKB,
18. Total Measure	ed Depth	of W	ell		19. F	lug Bac	k Measured Dep	th	.	20.	Was Directi	onal	Survey Made	?	21. Ty	pe Ele	ectric and Oth	ner Logs Run
22. Producing Int	erval(s), o	of this	s completi	on - T	op, Bot	tom, Na	me		l						<u> </u>			
23.						CAS	ING REC	ORD	(R	epo	ort all str	ing	gs set in w	ell)				
CASING SI	ZE		WEIGHT	LB /F	T.		DEPTH SET			ĤΟ	LE SIZE		CEMENTING RECORD AMOUNT PULLED					
															-			
24.		,				LINI	ER RECORD		200			25.			NG REC			D Gram
SIZE	TOP			BOI	TOM		SACKS CEM	ENT	SCR	EEN	1	SIZ	EE	10	EPTH SI	:1	PACKE	ER SET
26. Perforation	record (ir	iterva	al, size, an	d nun	nber)			-			ID, SHOT, INTERVAL	FRA	ACTURE, CE AMOUNT A					
								ļ										
								ŀ										
28.								PRO	DU	JC.	ΓΙΟΝ	-						
Date First Produc	ction		Pro	oducti	ion Met	hod (Fla	owing, gas lift, p	umping	g - Size	e an	d type pump)	ı	Well Status	s (Pro	d. or Shi	ıt-ın)	4	
Date of Test	Hours	Test	ted	Cho	ke Size		Prod'n For Test Period		Oil -	Bbl		Gas	s - MCF	W	ater - Bt	ol	Gas - O	ul Ratio
Flow Tubing Press.	Casing	g Pre	essure		culated : ir Rate	24-	Oil - Bbl.			Gas	- MCF		Water - Bbl.		Oıl G	ravity	- API - (Cori	•)
29. Disposition o	f Gas (Sol	d, us	ed for fuel	l, vent	ted, etc.,	-	I							30.	Test Wit	nessed	Ву	
31 List Attachme																		
32. If a temporary	-		1		-					it.							·	
33. If an on-site b	ourial was	used	at the we Latitude		Λ		cation of the on-singitude 108.072]1027 ⊠10)&3 						
I hereby certi	fy\that ti	he ir	nformati	50.94 on s	404/h	on boti	h sides of this	form	is tr	ue i	and compl	ete	to the best o	of my	knowl	edge	and belief	-
Signature	Nûn		Ma	ml	XII	Pri	nted ne Marie E.										23/2010	
E-mail Addre	ss mari	e e i	iakamillo	$\mathcal{M}_{\mathcal{C}}$	anacat	hilling	s com											

. . .

CorocoPhilips

22

Pit Closure Form:
Date: 1/28/09
Well Name: NEWBERRY BTN
Footages: 860'FNL 315'FWL Unit Letter: D
Section: 35 T- 32-N, R-12-W, County: San Tuen Steen 1/11
Contractor Closing Pit: ACE SERVICES
Construction Inspector: ART SANCHEZ Date: 1/28/09 Inspector Signature: Stanchey

Jaramillo, Marie E

From:

Silverman, Jason M < Jason.M. Silverman@conocophillips.com>

Sent:

Friday, January 23, 2009 1:18 PM

To:

Brandon.Powell@state.nm.us < Brandon.Powell@state.nm.us >; Mark Kelly

<Mark_Kelly@blm.gov>; Robert Switzer <Robert_Switzer@blm.gov>; Sherrie Landon

<Sherrie Landon@blm.gov>

Cc:

'acedragline@yahoo.com' <acedragline@yahoo.com>; 'chuck.wheeler@wcrmincnm.com' <chuck.wheeler@wcrmincnm.com>; Becker, Joey W < Joe.W.Becker@conocophillips.com>;

Bonilla, Amanda < Amanda. Bonilla@conocophillips.com >; Bowker, Terry D

<Terry.D.Bowker@conocophillips.com>; Busse, Dollie L <Dollie.L.Busse@conocophillips.com>; Chavez, Virgil E

<Virgil.E.Chavez@conocophillips.com>; Gordon Chenault <gordon@ccinm.com>; GRP:SJBU

Production Leads <SJBUProductionLeads@conocophillips.com>; Kennedy, Jim R

<JIM.R.Kennedy@conocophillips.com>; Kramme, Jeff L

<Jeff.L.Kramme@conocophillips.com>; Larry Thacker < Ithackerccinm@hotmail.com>; Lopez,

Richard A < Richard .A.Lopez@conocophillips.com>; Loudermilk, Jerry L

<Jerry.L.Loudermilk@conocophillips.com>; Nelson, Terry J

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Cornwall, Mary Kay < Mary K. Cornwall@conocophillips.com>; Farrell, Juanita R

<Juanita.R.Farrell@conocophillips.com>; Greer, David A <David.A.Greer@conocophillips.com>; Maxwell, Mary Alice

<Mary.A.Maxwell@conocophillips.com>; McWilliams, Peggy L <Peggy.L.McWilliams@conocophillips.com>; Seabolt, Elmo F

<Elmo.F.Seabolt@conocophillips.com>; Valencia, Desiree (SOS Staffing Services, Inc.)

<Desiree.Valencia@contractor.conocophillips.com>

Subject:

Reclamation Notice: Newberry B 1N

Importance: High

Attachments: Newberry B 1N-Arch Stips PDF, Newberry B 1N pdf

Ace Services will move a tractor to the Newberry B 1N on Wednesday, January 28th, 2009 to start the reclamation process. Please contact Norm Faver (320-0670) if you have any questions or need additional information.

Thanks, Jason Silverman

Newberry B 1N - BLM surface / BLM minerals ConocoPhillips Well- Network #10214316 Twin - n/a

860' FNL, 315' FWL Sec. 35, T32N, R12W

Unit Letter 'D'

Lease #: NMSF-078146 API #: 30-045-34571

Latitude: 36° 56′ 49.92360″ N (NAD 83)

Longitude: 108° 04' 21.67680" W

Note: Arch monitoring is required

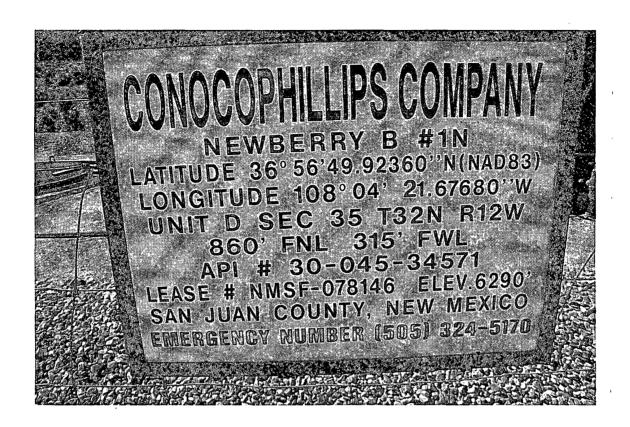
Jason Silverman
ConocoPhillips - SJBU
Construction Tech.
505-326-9821
Jason.M.Silverman@ConocoPhillips.com

ConcoPhilips

Reclamation Form:	•
Date: 3/9/2009	 :
Well Name: New be	rry B IN
Footages: 860 FM	L, 315 FWL Unit Letter:
Section: <u>35</u> , 7-32.	N, R-12-W, County: S3 State: NA
Reciamation Contractor:	Ace Services
Reclamation Date:	1/30/2009
Road Completion Date:	3/4/2009
Seeding Date:	3/2/2009
,	,
Construction inspector:	Norman Faver Date: 3/9/2009
Inspector Signature:	Monray For









WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME: Newberry B 1N

API#: 30-045-34571

DATE	INSPECTOR	SAFETY CHECK	LOCATION CHECK	PICTURES TAKEN	COMMENTS
5/26/08	Jared Chavez	X	Х	Х	Fence needs tightened, called MVCI
6/9/08	Jared Chavez	. X	Х		Oil on top of location, called MVCI
6/16/08	Jared Chavez	Х	Х	Х	Oil stain on top of location, hole in liner, called MVCI, called Brandon with OCD
6/23/08	Jared Chavez	X	. X		Fence needs tightened, holes in liner, blow pit is burned, called MVCI and Brandon with OCD, blow pit water needs pulled, called Nobles
7/3/08	Jared Chavez	Х	Х	X	Holes in liner, blow pit is burned, fence needs tightened, called MVCI and Brandon with OCD, oil stains on location pad
7/8/08	Rodney Woody				Pipeline crew on road to location
7/14/08	Jared Chavez	Х	Х	Х	Blow pit is burned, called Crossfire
7/21/08	Jared Chavez	Х	Х	Х	Pit and location in good condition
7/28/08	Jared Chavez	Х	Х	Х	Pit and location in good condition
8/4/08	Jared Chavez	-		Х	Basic Energy is on location
8/11/08	Jared Chavez	Х	Х	Х	Fence needs tightened, contacted Crossfire for repairs
8/18/08	Jared Chavez	Х	Х	Х	Pit and location in good condition
8/29/08	Jared Chavez	Х	X	Х	Pit and location in good condition

		•		,	
9/12/08	Jared Chavez	X	X	Х	Fence needs tightened, contacted Crossfil repairs
9/19/08	Jared Chavez	Х	Х	Х	Fence needs tightened, contacted Crossfil repairs
10/3/08	Jared Chavez	Χ	Х	Х	Pit and location in good condition
10/10/08	Jared Chavez	Χ	X	X	Pit and location in good condition
10/20/08	Jared Chavez	Х	X	X	Pit and location in good condition
11/18/08	Jared Chavez	Х	Х	Х	Pit and location in good condition
11/25/08	Jared Chavez	Х	Х	Х	Pit and location in good condition
12/5/08	Jared Chavez	Х	Х	Х	Pit and location in good condition
12/12/08	Jared Chavez	Х	Х	Х	Pit and location in good condition
1/6/09	Jared Chavez	Х	Х	Х	Pit and location in good condition
1/19/09	Jared Chavez	X	Х	Х	Pit and location in good condition
1/28/09	Jared Chavez			Х	Reclamation crew is on location