District I

1625 N French Dr , Hobbs, NM 88240

District II

1301 W Grand Ave , Artesia, NM 88210

District III

1000 Rio Brazos Rd , Aztec, NM 87410

District IV

1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

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

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

Form C-144

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

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

Type of action	Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
	X Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
	Modification to an existing permit
	Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances

environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances
Operator Burlington Resources Oil & Gas Company, LP OGRID# 14538
Address P.O. Box 4289, Farmington, NM 87499
Facility or well name EAST 17S
API Number OCD Permit Number
U/L or Qtr/Qtr. I(NE/SE) Section 26 Township: 31N Range 12W County San Juan
Center of Proposed Design Latitude 36.520587 °N Longitude 108.036295 °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 12 mil X LLDPE HDPE PVC Other X String-Reinforced Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'
Closed-loop System: Subsection H of 19 15 17 11 NMAC Type of Operation P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type Thickness mil LLDPE HDPE PVD Other Liner Seams Welded Factory Other
Below-grade tank: Subsection I of 19 15 17 11 NMAC OIL CONS DIV DIST
Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval

Form C-1441

Oil Conservation Division

Page 1 of 5

Fencing: Subsection D of 19 15 17 11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks) 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)					
8 Signs: Subsection C of 19 15 17 11 NMAC					
12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers X Signed in compliance with 19 15 3 103 NMAC					
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required Please refer to 19 15 17 NMAC for guidance Please check a box if one or more of the following is requested, if not leave blank: Administrative approval(s) Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for 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			
10					
Siting Criteria (regarding permitting) 19 15 17 10 NMAC Instructions The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submutted 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				
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	∏No			
(Applied to permanent pits) - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	(Applied to permanent pits)				
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 Witten confirmation or workfaction from the municipality. Written confirmation from the municipality.	Yes	□No			
- 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					
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	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 Number
12
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 Assessmen
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 Plar
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 December 19 (19 (19 (19 (19 (19 (19 (19 (19 (19
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 Burial
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
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

Total C-144 Oil Conservation Division Page 3 of 5

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	
C-man address	Telephone	
20 OCD Approval: Permit Application (including closur plan)	Clastura Plan (amba)	OCD Conditions (see attachment)
OCD Approval: Permit Application (including closure plan)	Closure Elan toniy)	_OCD Conditions (see attachment)
OCD Representative Signature:	KOVIIN	Approval Date: 9/14/20/
O No.	riswy	
Title: Compland / C.	CD Permit N	umber:
	· · · · · · · · · · · · · · · · · · ·	
21		
Closure Report (required within 60 days of closure completion):		
Instructions Operators are required to obtain an approved closure plan pi		
is required to be submitted to the division within 60 days of the completion closure plan has been obtained and the closure activities have been comple		not complete this section of the form until an approved
cionare plan na vicen obtained and the cionare activities have been comple		Feb. 21 2000
	X Closure Co	mpletion Date: February 21, 2009
22		
Closure Method:		
Waste Excavation and Removal X On-site Closure Meth	od Alternative Closure Metl	nod Waste Removal (Closed-loop systems only)
If different from approved plan, please explain		(dissea toop systems simy)
in different from approved plan, please explain		
23	•	
Closure Report Regarding Waste Removal Closure For Closed-loop St		
Instructions Please identify the facility or facilities for where the liquids	, drilling fluids and drill cuttings we	re disposed Use attachment if more than two facilities were
utilized	B 18 1. B	
Disposal Facility Name	Disposal Facility Peri	
Disposal Facility Name	Disposal Facility Peri	
Were the closed-loop system operations and associated activities perfor	med on or in areas that will not be us	sed for future service and opeartions?
Yes (If yes, please demonstrate compliane to the items below)	No	
Required for impacted areas which will not be used for future service a	nd operations	
Site Reclamation (Photo Documentation)		
Soil Backfilling and Cover Installation		
Re-vegetation Application Rates and Seeding Technique		
24		
Closure Report Attachment Checklist: Instructions, Each of th	e 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 36.86743	°N Longitude 108.0	061007 °W NAD 1927 X 1983
25		
Operator Closure Certification:		
I hereby certify that the information and attachments submitted with this ci	losure report is ture, accurate and co	omplete to the best of my knowledge and belief. I also certify that
the closure complies with all applicable closure requirements and condition	•	
···		
Name (Print) Crystal Tafoya	Title	Regulatory Technician
Signature + 1	Date	1/20/2016
- tal lafe		1/25/2010
e-mail address crystal tafoya@conocophillips com	Telephone	505-326-9837

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

Lease Name: EAST 17S API No.: 30-045-34569

In accordance with Rule 19 15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144. The temporary pit for this location was constructed and location drilled before June 16, 2008 (effective date for Rule 19.15.17). While closure of the temporary pit did fall within the rule some dates for submittals are after the rig release date.

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

General Plan:

- 1 All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division—approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves
 - All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B).
- 2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15 17.13 are met.

The pit was closed using onsite burial.

- 3. The surface owner shall be notified of BR's closing of the temporary pit as per the approved closure plan using certified mail, return receipt requested.
 - The closure process notification to the landowner was sent via email. (See Attached)(Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)
- 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	72.8 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	690 ug/kG
TPH	EPA SW-846 418.1	2500	34 9 mg/kg
GRO/DRO	EPA SW-846 8015M	500	11 6 mg/Kg
Chlorides	EPA 300 1	-1000/ 500	514 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.

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, EAST 17S, UL-I, Sec. 26, T 31N, R 12W, API # 30-045-34569

Tally, Ethel

From:

Sent:

Tally, Ethel Friday, February 13, 2009 2:52 PM 'mark_kelly@nm.blm.gov' OCD PIT CLOSURE NOTIFICATION

To:

Subject:

The following temporary pits will be closed on-site. The new OCD Pit Rule 17 requires the surface owner be notified.

East 17S San Juan 27-5 Unit 113F San Juan 27-5 Unit 59N

Please call if you have questions or concerns.

Thank You,

Ethel Tally ConocoPhillips-SJBU 3401 E. 30th Farmington NM 87402 (505)599-4027 Ethel.Tally@ConocoPhillips.com DISTRICT I 1625 N Prench Dr. Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

DISTRICT II 811 South First, Artesia, NM 68210

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

DISTRICT III 1000 Rio Brezos Rd., Aztec, N.M. 87410

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

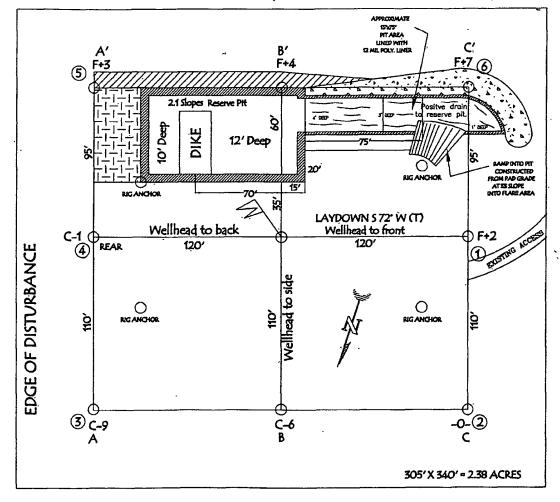
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

' API	Number			*Pool Code	,	*Pool Name FRUITLAND COAL/FRUITLAND SAND				
Property C	ode	de Property Name					4 Well	Number		
	EAST				;	175				
OGRID No			*Operator Name					* El	vation	
			BURLI	NGTON RE	RESOURCES OIL AND GAS COMPANY LP			5	970'	
					10 Surface	Location				
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	st line	County
I	26	31-N	12-W		1745'	SQUTH	660,	EAS	ST	SAN JUAN
11 Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lọt Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
PC 320.00 FS 160.00			19 Joint or	Infili	"Consolidation C	code	¹⁰ Order No.	<u> </u>		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

18	OR A NON-STANDARD UNIT HAS	BEEN APPROVED BY	THE DIVISION	
		-	17 OPERATOR CER I hereby cortify that the information is true and complete to the best of bestaf	contained herein
	USA SF-077652	LAT: 36 52.0587' N. LONG: 108 03.6295' W NAD 1927 LAT: 36.867647 N. LONG: 108.061117 W. NAD 1983	Signature Printed Name Title Date 18 SURVEYOR CERT I hereby certify that the well location was plotted from field notes of actual me or under my supervision, and the and correct to the best of my better Date at Survey Signature against and Manager 15703 Certificate Number	shown on this plat surveys made by the same is true



LATITUDE: 36° 52.0587′ N LONGITUDE: 108° 03.6295′ W NAD27

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

PIPLINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED

.



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-0026
Sample iD:	₹Eastni/S	Date Reported.	08-29-08
Laboratory Number:	46889	Date Sampled:	08-22-08
Chain of Custody No:	5068	Date Received:	08-22-08
Sample Matrix:	Soil	Date Extracted:	08-27-08
Preservative:		Date Analyzed [.]	08-28-08
Condition:	Intact	Analysis Requested [.]	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.7	0.2
Diesel Range (C10 - C28)	10.9	0.1
Total Petroleum Hydrocarbons	11.6	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

/ Mistle of Libelar Review



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID ⁻	East 17S Background	Date Reported:	08-29-08
Laboratory Number ⁻	46890	Date Sampled:	08-22-08
Chain of Custody No:	5068	Date Received:	08-22-08
Sample Matrix.	Soil	Date Extracted:	08-27-08
Preservative:		Date Analyzed:	08-28-08
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)	0.8	0.1
Total Petroleum Hydrocarbons	0.8	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



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC		Project #.		N/A
Sample ID.	08-28-08 QA/	QC	Date Reported:		08-29-08
Laboratory Number:	46887		Date Sampled:		N/A
Sample Matrix:	Methylene Chlo	ride	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		08-28-08
Condition	N/A		Analysis Reques	sted.	TPH
	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept, Range
Gasoline Range C5 - C10	05-07-07	9.9225E+002	9 9264E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0556E+003	1.0561E+003	0.04%	0 - 15%
Blank Conc. (mg/L - mg/Kg)		Concentration		Detection Lim	nit i
Gasoline Range C5 - C10		ND	.e.:	0.2	**************************************
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept: Range	9 }≰
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%	w 2502
Diesel Range C10 - C28	10.5	10.2	2.9%	0 - 30%	
Spike Conc. (mg/Kg)	Samplé	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	245	98.0%	75 - 125%
Diesel Range C10 - C28					

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 46887 - 46894 and 46943.

Analyst m Weeters



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	ConocoPhillips	Project #:	96052-0026
Sample ID [.]	East 17S	Date Reported:	08-29-08
Laboratory Number:	46889	Date Sampled:	08-22-08
Chain of Custody [.]	5068	Date Received:	08-22-08
Sample Matrix:	Soil	Date Analyzed:	08-28-08
Preservative:		Date Extracted·	08-27-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	72.8	0.9	
Toluene	230	1.0	
Ethylbenzene	20.3	1.0	
p,m-Xylene	313	1.2	
o-Xylene	53.5	0.9	
Total BTEX	690		

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.

Muster m Weeler



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client ⁻	ConocoPhillips	Project #.	96052-0026
Sample ID.	East 17S Background	Date Reported:	08-29-08
Laboratory Number	46890	Date Sampled.	08-22-08
Chain of Custody	5068	Date Received [.]	08-22-08
Sample Matrix ¹	Soil	Date Analyzed.	08-28-08
Preservative:		Date Extracted:	08-27-08
Condition.	Intact	Analysis Requested:	BTEX
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	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:

Drilling Pit Sample.

Analyst Muster Muceley



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

46 - 148

Client	N/A	F	Project #·		N/A
Sample ID:	08-28-BTEX QA/Q	C (Date Reported		08-29-08
Laboratory Number:	46887		Date Sampled		N/A
Sample Matrix [.]	Soil		Date Received:		N/A
Preservative:	N/A		Date Analyzed [,]		08-28-08
Condition [.]	N/A	,	Analysis:		BTEX
Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF: Accept: Rang	%Diff e 0 - 15%	Blank Conc	Detect Limit
3enzene	8 1477E+007	8 1641E+007	0.2%	ND	0.1
Toluene	6 1906E+007	6 2030E+007	0.2%	ND	0.1
Ethylbenzene	4 9766E+007	4 9866E+007	0.2%	ND	0.1
,m-Xylene	1 0274E+008	1 0294E+008	0.2%	ND	0.1
-Xylene	4 7617E+007	4 7712E+007	0.2%	ND	0.1
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
). >> <u>62.000009 000000 000.000000 / 10000006.200000</u> 10000000 <u>7</u> .000000	Sample 1.6	Duplicate 1.3	%Diff.4	0 - 30%	Detect Limit
3enzene		1.3	18.8% 6.9%	0 - 30% 0 - 30%	0.9
Benzene Foluene	1.6 7.2 4.4	1.3 6.7 4.3	18.8% 6.9% 2.3%	0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0
Benzene Foluene Ethylbenzene o,m-Xylene	1.6 7.2 4.4 26.0	1.3 6.7 4.3 24.0	18.8% 6.9% 2.3% 7.7%	0 - 30% 0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2
Benzene Foluene Ethylbenzene o,m-Xylene	1.6 7.2 4.4	1.3 6.7 4.3	18.8% 6.9% 2.3%	0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0
Duplicate Conc. (ug/Kg) Benzene Foluene Ethylbenzene o,m-Xylene o-Xylene Spike Conc. (ug/Kg)	1.6 7.2 4.4 26.0 7.7	1.3 6.7 4.3 24.0	18.8% 6.9% 2.3% 7.7% 2.6%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2
Benzene Foluene Ethylbenzene o,m-Xylene o-Xylene	1.6 7.2 4.4 26.0 7.7	1.3 6.7 4.3 24.0 7.5	18.8% 6.9% 2.3% 7.7% 2.6%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2 0.9
Senzene oluene Sthylbenzene o,m-Xylene o-Xylene pike Conc. (ug/Kg)	1.6 7.2 4.4 26.0 7.7	1.3 6.7 4.3 24.0 7.5	18.8% 6.9% 2.3% 7.7% 2.6%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2 0.9
Senzene Joluene	1.6 7.2 4.4 26.0 7.7 Sample	1.3 6.7 4.3 24.0 7.5	18.8% 6.9% 2.3% 7.7% 2.6% Spiked Sample	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2 0.9
Benzene Foluene Ethylbenzene o,m-Xylene o-Xylene	1.6 7.2 4.4 26.0 7.7	1.3 6.7 4.3 24.0 7.5 Amount Spiked	18.8% 6.9% 2.3% 7.7% 2.6% Spiked Sample	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2 0.9 Accept Range

ND - Parameter not detected at the stated detection limit

References

o-Xylene

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

50.0

52.7

91.3%

December 1996

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using

7.7

Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments:

QA/QC for Samples 46887 - 46894 and 46943.

Analyst



TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID [.]	East 17S	Date Reported:	09-03-08
Laboratory Number ⁻	46889	Date Sampled [.]	08-22-08
Chain of Custody:	5068	Date Received:	08-22-08
Sample Matrix.	Soil	Date Analyzed [.]	09-02-08
Preservative ⁻		Date Digested:	09-02-08
Condition.	Intact	Analysis Needed [.]	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.107	0.001	5.0
Barium	18.7	0.001	5.0 100
Cadmium	0.001	0.001	1.0
Chromium	0.848	0.001	5.0
Lead	0.216	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	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.

Analyst



TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	East 17S Background	Date Reported.	09-03-08
Laboratory Number:	46890	Date Sampled:	08-22-08
Chain of Custody	5068	Date Received.	08-22-08
Sample Matrix:	Soil	Date Analyzed:	09-02-08
Preservative.		Date Digested:	09-02-08
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.064	0.001	5.0
Barium	12.0	0.001	100
Cadmium	0.009	0.001	1.0
Chromium	0.291	0.001	5.0
Lead	0.127	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	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.**

Analyst



TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client		QA/QC		Project #			QA/QC
Sample ID		09-02 TM QA/AC		Date Repor	rted		09-03-08
Laboratory Number		46887		Date Samp			N/A
Sample Matrix.		Soil		Date Recei	ved		N/A
Analysis Requested		Total RCRA	A Metals	Date Analy:	zed		09-02-08
Condition		N/A		Date Diges	ted		09-02-08
				_			
Blank & Duplicate	Instrument		Detection	Sample	Duplicate	MINISTER 1997	Acceptance
Conc. (mg/Kg)	Blank (mg/K ND	g) Blank ND	Climit 0.001	0.114	0.111	Diff. 2.7%	Range 0% - 30%
Barium	ND	ND ND	0.001	24.0	23.8	2.1% 0.8%	0% - 30% 0% - 30%
Cadmium	ND ND	ND ND	0.001	0.001	23.6 0.001	0.6% 8.3%	0% - 30% 0% - 30%
Cadmium	ND	ND ND	0.001	0.001	0.001		0% - 30% 0% - 30%
	ND ND	ND ND	0.001	0.377	0.375	0.5% 0.3%	0% - 30% 0% - 30%
Lead							
Mercury	ND	ND	0.001	ND 0.010	ND 0.008	0.0%	0% - 30%
Selenium	ND	ND	0.001			22.7%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Spike		Cniko	Sample	Spiked	Percent		Acceptance
Conc. (mg/Kg)		Added	Sample	1. 1. Marie 1997 1997	Recovery		Range
· ····································		Added		Jampie	Recovery	· · · · · · · · · · · · · · · · · · ·	ivange
Arsenic		0.250	0.114	0.332	91.3%		80% - 120%
Barium		0.500	24.0	23	94.6%		80% - 120%
Cadmium		0.250	0.001	0.268	107%		80% - 120%
Chromium		0.500	0.377	0.827	94.3%		80% - 120%
Lead		0.500	0.326	0.809	98.0%		80% - 120%
Mercury		0.100	NĎ	0.091	90.5%		80% - 120%
Selenium		0.100	0.010	0.112	102%		80% - 120%
Silver		0.100	ND	0.097	96.9%		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

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

Review Mucetus

Spectorscopy, SW-846, USEPA, December 1996

Comments:

QA/1QC for Samples 46887 - 46894 and 46928 - 46929.

Analyst



CATION / ANION ANALYSIS

Client.	ConocoPhillips	Project #.	96052-0026
Sample ID.	East 17S	Date Reported:	09-03-08
Laboratory Number:	46889	Date Sampled:	08-22-08
Chain of Custody:	5068	Date Received:	08-22-08
Sample Matrix.	Soil Extract	Date Extracted:	08-27-08
Preservative.		Date Analyzed:	08-28-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	6.74	S U.		
Conductivity @ 25° C	3,200	umhos/cm		
Total Dissolved Solids @ 180C	1,750	mg/L		
_	·	-		
Total Dissolved Solids (Calc)	1,858	mg/L		
SAR	13.3	ratio		
Total Alkalinity as CaCO3	88.0	mg/L		
Total Hardness as CaCO3	267	mg/L		
Bicarbonate as HCO3	88.0	mg/L	1.44	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meg/L
Nitrate Nitrogen	0.200	mg/L	0.00	meq/L
Nitrite Nitrogen	0.005	mg/L	0.00	meq/L
Chloride	514	mg/L	14.50	meq/L
Fluoride	1.04	mg/L	0.05	meq/L
Phosphate	2.100	mg/L	0.07	meq/L
Sulfate	618	mg/L	12.87	meq/L
Iron	0.713	mg/L	0.03	meq/L
Calcium	82.8	mg/L	4.13	meq/L
Magnesium	14.6	mg/L	1.20	meq/L
Potassium	72.6	mg/L	1.86	meq/L
Sodium	499	mg/L	21.71	meq/L
Cations			28.92	meq/L
Anions			28.93	meq/L
Cation/Anion Difference			0.04%	

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

/ Mister m Weeters
Review



CATION / ANION ANALYSIS

Client [.]	ConocoPhillips	Project #:	96052-0026
Sample ID [.]	East 17S Background	Date Reported:	09-03-08
Laboratory Number	46890	Date Sampled:	08-22-08
Chain of Custody.	5068	Date Received:	08-22-08
Sample Matrix	Soil Extract	Date Extracted:	08-27-08
Preservative:		Date Analyzed:	08-28-08
Condition.	Intact		

	Analytical			
Parameter	Result	Units		
рН	6.40	s u.		
Conductivity @ 25° C	135	umhos/cm		
Total Dissolved Solids @ 180C	78.0	mg/L		
Total Dissolved Solids (Calc)	73.8	mg/L		
SAR	2.4	ratio		
Total Alkalinity as CaCO3	58.0	mg/L		
Total Hardness as CaCO3	14.7	mg/L		
Bicarbonate as HCO3	58.0	mg/L	0.95	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	1.00	mg/L	0.02	meq/L
Nitrite Nitrogen	0.007	mg/L	0.00	meq/L
Chloride	2.65	mg/L	0.07	meq/L
Fluoride	1.56	mg/L	0.08	meq/L
Phosphate	2.70	mg/L	0.09	meq/L
Sulfate	3.92	mg/L	0.08	meq/L
Iron	1.55	mg/L	0.06	meq/L
Calcium	4.23	mg/L	0.21	meq/L
Magnesium	1.02	mg/L	0.08	meq/L
Potassium	0.720	mg/L	0.02	meq/L
Sodium	20.8	mg/L	0.90	meq/L
Cations			1.27	meg/L
Anions			1.29	meq/L
Cation/Anion Difference			1.32%	

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 Munotes



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client [.]	ConocoPhillips	Project #:	96052-0026
Sample ID:	East 17S	Date Reported [.]	09-02-08
Laboratory Number.	46889	Date Sampled:	08-22-08
Chain of Custody No:	5068	Date Received:	08-22-08
Sample Matrix	Soil	Date Extracted:	08-28-08
Preservative:		Date Analyzed:	08-28-08
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

34.9

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

Mister Muceters
Review



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client.	ConocoPhillips	Project #:	96052-0026
Sample ID:	East 17S Background	Date Reported:	09-02-08
Laboratory Number.	46890	Date Sampled:	08-22-08
Chain of Custody No:	5068	Date Received:	08-22-08
Sample Matrix:	Soil	Date Extracted [.]	08-28-08
Preservative:		Date Analyzed:	08-28-08
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

and Waste, USEPA Storet No. 4551, 1978.

Comments:

Drilling Pit Sample.

Analyst

Musturn Walter Review



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:	(QA/QC		Project #		N/A	
Sample ID [.]	(QA/QC		Date Reported		08-28-08	
Laboratory Number	(8-28-TPH.QA/QC	46887	Date Sampled.		N/A	
Sample Matrix.	F	reon-113		Date Analyzed	•	08-28-08	
Preservative ⁻	1	√A		Date Extracted		08-28-08	
Condition:	1	N/A		Analysis Neede	ed:	TPH	
Calibration	I-Cal Date	C-Cal Date 0	I-Cal RF: 1,680	, 'C-Cal.RF [*] 1,610		-Accept R:	
Blank Conc. (m			ND		16.8		
Duplicate Conc.	. (mg/Kg), 🧢 🔭		*Sample * - ** 269	Duplicate A 295	% Difference:	** Accept Ra +/- 30%	
Špike Cońć: (m	g/Ķġ) [*]	Sample 269	Spike Added 2,000	Spike Result	%,Recovery 91.7%	*Accept Ra 80 - 120	
ND - Parameter no	at datasted at the s	tated dataction lum	nit				

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 - 46894 and 46843.

Analyst

A pristre of Weelers

Submit To Appropriate District Office Two Copies				State of New Mexico							Form C-105						
District I 1625 N French Dr	, Hobbs, NM	88240		Energy, Minerals and Natural Resources						-	July 17, 2008 1. WELL API NO.						
District II 1301 W Grand Av	enue, Artesia	. NM 88210		Oil Conservation Division							30-045-34569						
District III 1000 Rio Brazos R											2 Type of Lease						
District IV 1220 S St Francis				1220 South St. Francis Dr. Santa Fe, NM 87505						-	STATE FEE FED/INDIAN 3 State Oil & Gas Lease No						
	WELL COMPLETION OR RECOMPLETION REPOR									SF-077625							
	TAN	D	LOG	1	Section 2	4	(A)			- Lynk							
4 Reason for fil							5 Lease Name or Unit Agreement Name East										
COMPLET	ION REPO	RT (Fill in b	oxes #1 t	through #31	for State and Fe	e wells	only)			- (6 Well Number						
C-144 CLOS #33, attach this a	nd the plat t									or 1	17S						
7 Type of Comp ✓ NEW		WORKOVE	R □ DI	EEPENING	□PLUGBAC	к 🗆 г	DIFFERE	ΞN	T RESERVO	OIR	OTHER						
8 Name of Opera	ator						9 OGRID 14538										
10 Address of O		Oil Gas	compa	ompany, LP							11 Pool name	or V	Vildcat				
PO Box 4298, Fa	rmington, 1	NM 87499								-							
12.Location	Unit Ltr	Section	To	ownship	Range	Range Lot		Feet from t		e 1	N/S Line Feet from		the	E/W L	ine	County	
Surface:								I									
BH:																	
13 Date Spudde	d 14 Dat	e T D Reach		15 Date Rig 05/01/2008	g Released		16	5 I	Date Comple	ted (Ready to Prod	uce)			Elevat Γ, GR, e		and RKB,
18 Total Measur	red Depth of	f Well		19 Plug Back Measured Depth 20 Was Direction					onal								
22 Producing In	terval(s), of	this complet	on - Top	, Bottom, Na	ame					-							·
23				CAS	ING REC	ORI	(Rep	00	rt all str	ing	s set in we	ell))				
CASING SI	ZE	WEIGHT	LB /FT		DEPTH SET		Н	OI	LE SIZE		CEMENTIN	G R	ECOR	D	AN	MOUNT	PULLED
					· · · ·			_		\dashv	,			\dashv			
														_			
24				LIN	ER RECORD			_		25	Т	UB	ING I	RECO	ORD		.:=
			BOTTO	OTTOM SACKS CEMENT						SIZE							
26 Perforation	record (int	terval, size, a	nd numbe	er)			27 A(CI	D. SHOT. I	FRA	CTURE, CE	ME	NT. S	SOUI	EEZE.	L ETC	
				DEPTH INTER					AMOUNT AND KIND MATERIAL USED								
							ļ										
								_									
28						PRO	DDUC	רכ	TION								
Date First Produ	ction	Pı	oduction	n Method (Fl	owing, gas lift, j	oumpin	g - Size a	ina	l type pump)		Well Status	(Pr	od or	Shut-	-in)		
Date of Test	Date of Test Hours Tested		Choke	Size ,	Prod'n For Test Period		Oıl - B	Oıl - Bbl		Gas	as - MCF		Water - Bbl		·	Gas - (Oil Ratio
Flow Tubing Press			Calcul Hour F	lated 24- Rate	Oıl - Bbl		Ga 	Gas - MCF		N 	Water - Bbl		Oil Gravity - API - (Corr)		rr)		
29 Disposition of	of Gas <i>(Sola</i>	l, used for fue	l, vented,	nted, etc)						30 Test Witnessed By							
31 List Attachm	ents							_			<u> </u>		-				
32 If a temporar	y pit was us	sed at the wel	l, attach	a plat with th	ne location of the	e tempo	orary pit									20	
33 If an on-site	burial was ι	used at the wo	II, report	t the exact lo	cation of the on-	-site bu	rial	_									
		Latitude	36.8674	43°N Lon	gitude 108.061	007°W	NAD [1927 🖾 198	3			,		,		
I hereby certi	·	e informat	on sho	Pri	<i>h sides of thi</i> nted ne Crystal '				-			-	-		dge an Zore		1
E-mail Addre		ıl.tafova@	conoco		-				5	,			7	45	ه محمد ا	,	

ConocoPhillips

Pit Closure Form:
late: 2-21-2009
Vell Name: East 175
ootages: 1745 FSL 460 FEL Unit Letter:
ection: 26, T-31-N, R-12-W, County: S3 State: NM
contractor Closing Pit: Ace Services
Construction Inspector: Norman Faver Date: Z-Z1-200°
nspector Signature:

Tafoya, Crystal

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

Sent: Wednesday, April 15, 2009 3 32 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: Art Sanchez <art9sranch@msn com>, Faver Norman (faverconsulting@yahoo com)

<faverconsulting@yahoo com>, Jared Chavez <jared_chavez@live.com>, KENDAL

BASSING <Kendal R Bassing@conocophillips com>, Scott Smith

, Silverman, Jason M

<Jason.M.Silverman@conocophillips com>, Smith Eric (sconsulting eric@gmail com)
<sconsulting eric@gmail com>, Stan Mobley <kyvekasm@qwestoffice net>; Terry Lowe
<loweconsulting@msn 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>, Larry Thacker < ithackerccinm@hotmail com>, Lopez,

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

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

<Terry J Nelson@conocophillips.com>, O'Nan, Mike J <Mike J O'Nan@conocophillips.com>,

Peace, James T < James T Peace@conocophillips com>, Poulson, Mark E

<Mark E Poulson@conocophillips com>, Richards, Brian
<Brian Richards@conocophillips com>; Stamets, Steve A

<Steve A Stamets@conocophillips com>, Work, Jim A <Jim A Work@conocophillips com>,

Blair, Maxwell O < Maxwell O Blair@conocophillips com>, Blakley, Mac

<Maclovia Blakley@conocophillips.com>, Clark, Joni E <Joni E Clark@conocophillips.com>,

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>

Subject: Reclamation Notice East 17S

Importance: High

Attachments: East 17S pdf

Ace Services will move a tractor to the East 17S on Saturday, April 18th, 2009 to start the Reclamation .

Please contact Norm Faver (320-0670) if you have any questions or need further assistance

Thanks, Jason Silverman

Burlington Resources Well- Network #10207361

East 175 - BLM surface / BLM minerals 1745' FSL, 660' FEL Sec. 26, T31N, R12W Unit Letter 'I'

Lease #: USA SF-077652

API #: 30-045-34569

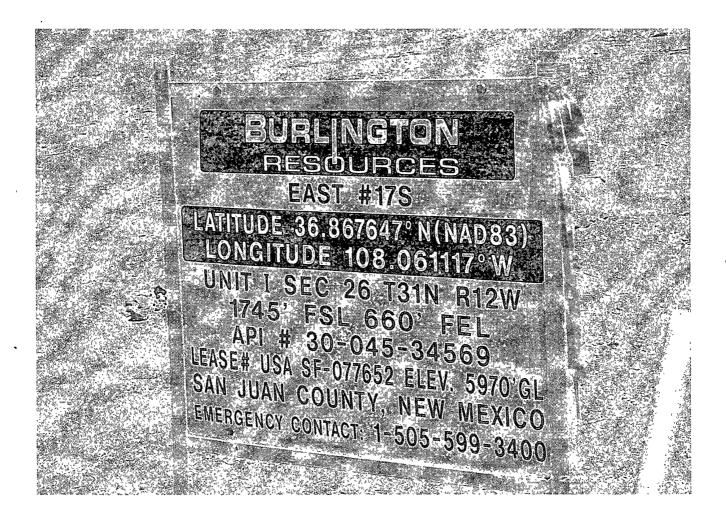
Latitude: 36.867647° N (NAD 83)

Longitude: 108.061117° W

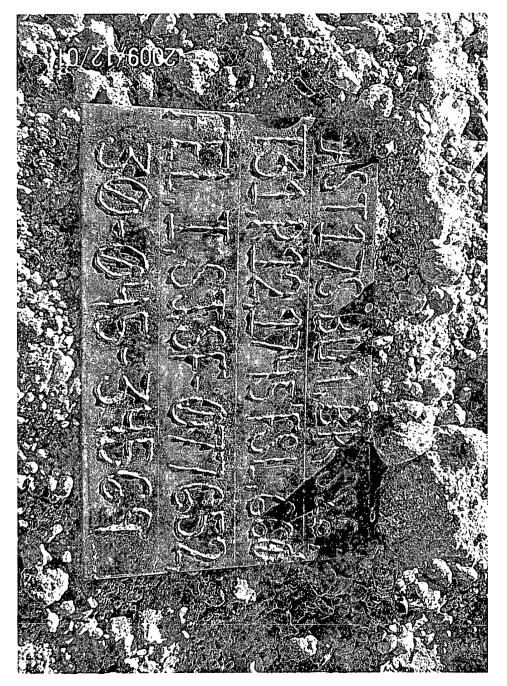
Elevation: 5970'

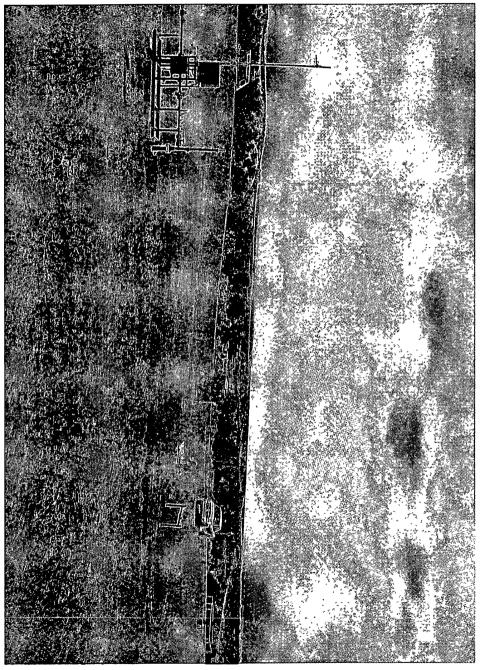
CorocoPhillips

Reclamation Form:			
Date: 6/9/2009			
Well Name: <u>Fast</u>	175		
Footages: 1745 F:	Sh 660 FEL	Unit Letter: _	I
Section: <u>26</u> , T- <u>31</u> -	N, A-12-W, County:	State: _	NM
Reclamation Contractor:	Ace Services		
Reclamation Date:	4/24/2009		
Road Completion Date:	5/13/2009		
Seeding Date:	6/9/2009		
	Norman Faren	Date: <u>6/</u>	9/2009
Inspector Signature:	Norman F		









WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME: East #17S API#: 30-045-34569

DATE INSPECTOR		SAFETY CHECK	LOCATION CHECK	PICTURES TAKEN	COMMENTS				
4/8/08	J. McDonald X		Х						
4/23/08 Jared Chavez		Х	Х	X	Hole has only been surface drilled, location is in excellent shape				
5/10/08	Jared Chavez	Х	Х	Х	Pit and location in good condition, called Paul and Sons to pull water from reserve pit				
5/29/08	Jared Chavez	Х	Х	Х	Fence needs tightened, called MVCI				
6/9/08	Jared Chavez	Х	Х	Х	Pit and location in good condition				
6/16/08	Jared Chavez	-X	Х	Х	Pit and location in good condition				
6/23/08	Jared Chavez	X	X	Х	Pit and location in good condition				
7/3/08	Jared Chavez	Х	Х	Х	Fence needs tightened, called MVCI				
7/14/08	Jared Chavez	X	X	X	Pit and location in good condition				
7/21/08	Jared Chavez	X	Х	Х	Pit and location in good condition				
7/28/08	Jared Chavez	Х	Х	Х	Holes in liner, contacted Crossfire for repairs				
8/4/08	Jared Chavez				Key rig #15 is on location				
8/11/08	Jared Chavez	Х	X	Х	Fence needs tightened				
8/18/08	Jared Chavez	Х	X	Х	Pit and location in good condition				
8/21/08	Rodney Woody	Х	Х	Х	Crossfire to fix barbed wire and fence				
8/29/08	Rodney Woody	Х	X	Х	Crossfire to fix fence, move hoses				
9/11/08	Rodney Woody	Х	X	Х	Pit and location in good condition				

10/3/08	Rodney Woody	Х	Х	X	Pit and location in good condition
10/9/08	Rodney Woody	Х	Х	Х	Pit and location in good condition
10/23/08	Rodney Woody	X	Х	Х	Pit and location in good condition
11/14/08	Rodney Woody	X	X	Х	Pit and location look good
11/21/08	Rodney Woody	X	Х	Х	Pit and location look good
12/3/08	Rodney Woody	X	X	Х	Pit and location look good
12/10/08	Rodney Woody	Х	Х	Х	Pit and location look good
1/15/09	Rodney Woody	Χ	Х	X	Pit and location look good
1/23/09	Rodney Woody	Χ	Х	Х	Pit and location look good
2/3/09	Rodney Woody	X	Х	X	Pit and location look good
2/6/09	Rodney Woody	X	Х	X	Pit and location look good
2/12/09	Rodney Woody	Х	· X	X	Pit and location look good
3/2/09	Rodney Woody	X	Х	X	Pit and location look good
3/13/09	Jared Chavez	X	Х	X	Pit and location in good condition
3/19/09	Jared Chavez	Х	Х	X	Pit and location in good condition
3/26/09	Jared Chavez	X	Х	X	Pit and location in good condition
4/2/09	Jared Chavez	X	Х	X	Pit and location in good condition
4/16/09	Jared Chavez	X	X	X	Pit and location in good condition
4/30/09	Jared Chavez				Location has been reclaimed