District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

institution or church)

Four foot height, four strands of barbed wire evenly spaced between one and four feet

Alternate. Please specify 4' field fencing with one strand barbed wire on top.

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 Revised June 6, 2013

14

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

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

		Pit, Belov	w-Grade Tank, or	
	3080 Propo	sed Alternative Method	d Permit or Closure Plan	Application
	Type of action:	Below grade tank registrati	on	
		Permit of a pit or proposed	alternative method	
	45-35501	☐ Closure of a pit, below-graded Modification to an existing	de tank, or proposed alternative me	ethod
			d for an existing permitted or non-	permitted pit, below-grade tank,
	or proposed alter			
	Instructions: Plea	se submit one application (Form (	C-144) per individual pit, below-grade	tank or alternative request
				ation of surface water, ground water or the
nvironment	. Nor does approval refleve	the operator of its responsibility to co	imply with any other applicable government	nental authority's rules, regulations or ordinances.
Operator:	Burlington Resources O	il Gas Company LP	OGRID #: <u>14538</u>	OIL CONS. DIV DIST. 3
Address:	P.O. Box 4289, Farming	ton, New Mexico 87499		
Facility or	well name: Thompson 10	<u>on</u>		AUG 2 4 2015
API Numb	er: <u>30-045-35501</u> OCI	Permit Number:		
U/L or Qtr	/Qtr F(SENW)Section 27	Township 31N Range 12W Cou	unty: San Juan	
Center of	Proposed Design: Latitude	36.872882°N Longitude 108.087	7445 °W NAD: 1927 □	1983 🖾
Surface O	wner: 🛛 Federal 🗌 State	☐ Private ☐ Tribal Trust or Indian	n Allotment	
2.				A REGIONAL TO THE RESIDENCE OF THE PARTY OF
⊠ Pit: S	Subsection F, G or J of 19.	15.17.11 NMAC		
Temporary	: Drilling   Workov	er		
☐ Perman	nent 🗌 Emergency 🔲 Ca	vitation P&A Multi-Well F	luid Management Low Ch	lloride Drilling Fluid 🛛 yes 🔲 no
□ Lined	☐ Unlined Liner type:	Thickness 20 mil LLDPE	HDPE PVC Other	
⊠ String-	Reinforced			
Liner Sear	ns: Welded E Factor	y Other	Volume: 7700 bbl bbl Dimen	sions: L 120' x W 55' x D 12'
		TOTAL PRODUCT		
3. Below-	grade tank: Subsection	I of 19.15.17.11 NMAC	DENIED	llosure Lat+Log in Box 21, and no Close Certification signature.
Volume:		bl Type of fluid:	Camplelan Die an Dieste C	locuse Latelos in Box 21 and no Close
Tank Cons	truction material:	No ((65	Y: : Jonathan Kelly	Certification signature.
☐ Secon	dary containment with leal	detection  Visible sidewalls, I	ATE: <u>[0/5/2015]</u> (505) 334-6178 Ext122 mer, 6-inch lift and automatic overfloy	v snut-off Review, Revise and Reso
☐ Visibl	e sidewalls and liner	Visible sidewalls only  Other		
		mil		
4.				
- The second	ative Method:			
		required. Exceptions must be subm	itted to the Santa Fe Environmental B	ureau office for consideration of approval.
5.				**
	Subsection D of 19.15.17.	11 NMAC (Applies to permanent pi	its, temporary pits, and below-grade to	inks)
			ired if located within 1000 feet of a ne	

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)	
5. Signs: Subsection C of 19.15.17.11 NMAC  □ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  □ Signed in compliance with 19.15.16.8 NMAC	
Variances 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:  Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.  Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
9. <u>Siting Criteria (regarding permitting)</u> : 19.15.17.10 NMAC <u>Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accematerial are provided below.</u> Siting criteria does not apply to drying pads or above-grade tanks.	eptable source
General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.  - □ NM Office of the State Engineer - iWATERS database search; □ USGS; □ Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.  NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ⊠ No ☐ NA
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. (Does not apply to below grade tanks)  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks)  - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ⊠ No
Within an unstable area. (Does not apply to below grade tanks)  - 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. (Does not apply to below grade tanks) - FEMA map	☐ Yes ⊠ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.  - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.  NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;  - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.  - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 N  Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the docattached.  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. and 19.15.17.13 NMAC  Previously Approved Design (attach copy of design) API Number: or Permit Number: or Permit Number:	NMAC 15.17.9 NMAC
II.	
Multi-Well Fluid Management Pit 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 doc attached.  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  A List of wells with approved application for permit to drill associated with the pit.  Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC  Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC  Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  Previously Approved Design (attach copy of design) API Number:  or Permit Number:	
THE REPORT OF THE PERSON OF TH	

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 attached.   Hydrogeologic Report - based upon the requirements of Paragraph (1) 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 H <sub>2</sub> S, Prevention Plan   Emergency Response Plan   Oil Field Waste Stream Characterization   Monitoring and Inspection Plan   Erosion Control 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	documents are
13.   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   Multi-well F   Alternative	luid Management Pit
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be 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 C 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 H of 19.15.17.13 NMAC	
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. I 19.15.17.10 NMAC for guidance.	
Ground water is less than 25 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant 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.  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application.  - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	☐ Yes ☐ No

adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	
Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain FEMA map	☐ Yes ☐ No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan by a check mark in the box, that the documents are attached.  Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC  Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.13 NMAC  Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC  Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC  Waste Material Sampling Plan - based upon the appropriate requirements 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 Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	11 NMAC 5.17.11 NMAC
Operator Application Certification:  I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and believe to the best of my knowledge	ef.
18. OCD Approval: Permit Application (including Conditions (see attachment)	
OCD Representative Signature: DENIED _ Approval Date:	
Title:	
Closure Report (required within 60 days of closure completion): 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 is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed.  Closure Completion Date:	the closure report. complete this
20.	
Closure Method:  Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-local If different from approved plan, please explain.	op systems only)
21.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please incommark in the box, that the documents are attached.	

Operator Closure Certification:	
	is submitted with this closure report is true, accurate and complete to the best of my knowledge all applicable closure requirements and conditions specified in the approved closure plan.
benef. Taiso certify that the closure complies with	an applicable closure requirements and conditions specified in the approved closure plan.
Name (Print):	Title:
Signature:	Date:
e-mail address:	Telephone:

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

Lease Name: THOMPSON 10N

API No.: 30-045-35501

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:**

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

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

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

The pit was closed using onsite burial.

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

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

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

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

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

Notification is attached.

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

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

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

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	.14 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	2.10 ug/kG
TPH	EPA SW-846 418.1	2500	210mg/kg
GRO/DRO	EPA SW-846 8015M	500	210 mg/Kg
Chlorides	EPA 300.1	1000/500	82 mg/L

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

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

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

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

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

Dig and Haul was not required.

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

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

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

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

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

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

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

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

The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: BR, BLM, Thompson 10N, UL-F, Sec. 27, T 31N, R 12W, API # 30-045-35501

# Goodwin, Jamie L

To: Subject:

'Mark\_Kelly@blm.gov' SURFACE OWNER NOTIFICAITON \_ THOMPSON 10N

The subject well (THOMPSON 10N) will have a temporary pit that will be closed on-site. Please let me know if you have any questions.

Thank you,

Jamie Goodwin Regulatory Tech. ConocoPhillips 505-326-9784 Jamie.L.Goodwin@conocophillips.com Judge each day not by the harvest you reap but by the seeds you sow. Unknown

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

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

1000 Rio Brazos Rd., Aztec, N.M. 87410

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

State of New Mexico Energy, Minerals & Natural Resources Department

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

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

DEC 11 2012

Fam AMENDED REPORT

#### PLATau of Land Management WELL LOCATION AND ACREAGE DEDICATION

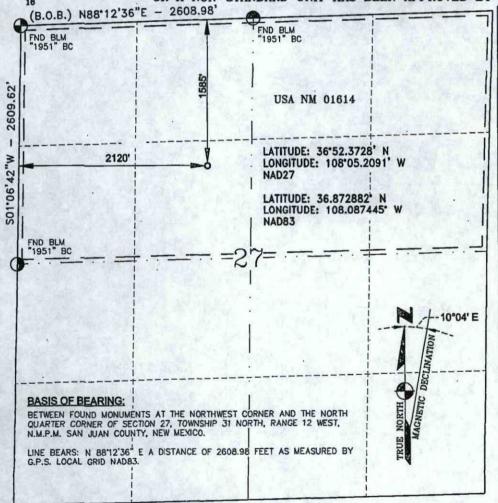
30-045-	35501	*Pool Code 71599/72319	Pool Name BASIN DAKOTA/BLANCO N	MESAVERDE	
Property Code 18628		Property Name THOMPSON			
OGRID No.	N Control	*Operator Name			
14538		BURLINGTON RESOURCES OIL	6193'		
THE REPORT	A STATE OF THE PARTY OF THE PAR	10 0			

Surface Location

Section 27	Township 31-N	Range 12-W	Lot Idn	Feet from the 1585	North/South line NORTH	Feet from the 2120	East/West line. WEST	SAN JUAN
		11 Bott	om Hole	Location I	f Different Fre	om Surface		
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	27	27 31-N	27 31-N 12-W 11 Bott	27 31-N 12-W Bottom Hole	27 31-N 12-W 1585  11 Bottom Hole Location I	27 31-N 12-W 1585 NORTH  11 Bottom Hole Location If Different From the Location II Different	27 31-N 12-W 1585 NORTH 2120  11 Bottom Hole Location If Different From Surface	27 31-N 12-W 1585 NORTH 2120 WEST  11 Bottom Hole Location If Different From Surface

Dedicated Acres Joint or Infill 14 Consolidation Code 15 Order No. DK 320.00 ACRES N/2 MV 320.00 ACRES N/2

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



#### 17 OPERATOR CERTIFICATION

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

Date Arleen Kellywood

Printed Name

E-mail Address

#### 18 SURVEYOR CERTIFICATION

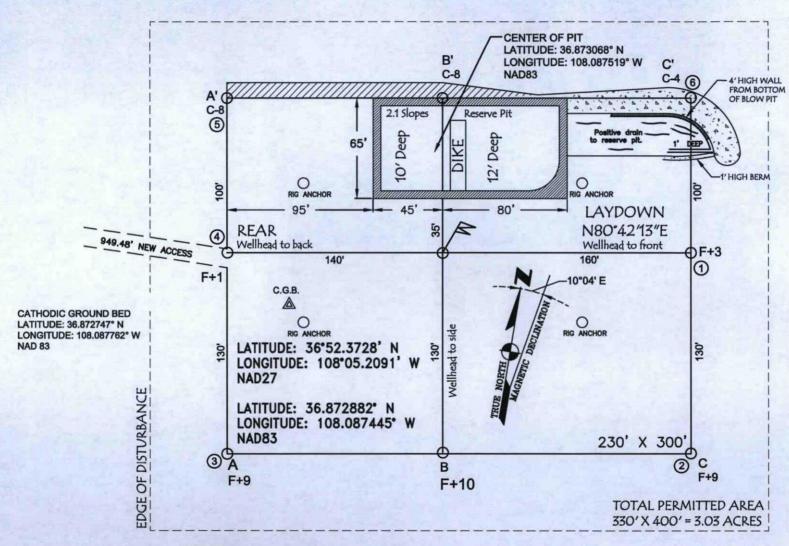
I hereby certify that the well location shown on this pla was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Certificate Number

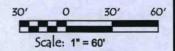
15703

# BURLINGTON RESOURCES OIL & GAS COMPANY LP THOMPSON #10N, 1585' FNL & 2120' FWL SECTION 27, T-31-N, R-12-W, NMPM, SAN JUAN COUNTY, NM GROUND ELEVATION: 6193', DATE: MARCH 1, 2011



#### NOTES:

- VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
- 2. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW 3' WIDE AND 1' ABOVE SHALLOW SIDE).



Submit To Approp Two Copies	oriate District O	ffice		State of N							F	orm C-105
District I 1625 N. French Dr	., Hobbs, NM 8	38240	Energy	, Minerals ar	id Na	tural Res	sources	1. WELL	API NO.		The V	July 17, 2008
District II  1301 W. Grand Av District III	venue, Artesia,	NM 88210		Dil Conserva	ation	Divisio	n	30-45-355 2. Type of 1	COS (2)			
1000 Rio Brazos R District IV	td., Aztec, NM	87410	1	220 South S				☐ ST.	ATE F		ED/INI	DIAN
1220 S. St. Francis	Dr., Santa Fe,	NM 87505	Mark Mil	Santa Fe,	NM 8	87505		3. State Oil NM-0161	& Gas Lease	No.	77	
WELL	COMPLE	TION OF	RECOMP	LETION RE	POF	RT AND	LOG	1442 0101		50 W	dh tr	
4. Reason for fil	ling:			1750	al a			5. Lease Nat THOMPS	me or Unit Ag	reement Na	ame	
☐ COMPLET	TON REPOR	RT (Fill in box	xes #1 through #3	11 for State and F	ee wells	s only)		6. Well Nun		Part Page		
#33; attach this a	and the plat to			through #9, #15 I cordance with 19				10N			17	
7. Type of Com		WORKOVER	☐ DEEPENIN	G □PLUGBAC	ck 🗆 i	DIFFEREN	T RESERVO	IR OTHER				
8. Name of Oper Burlington F	ator		1-1-1	SIEN IV				9. OGRID 14538	17.49		W.	
10. Address of C	perator		ompany, LF	T97779				11. Pool nam	e or Wildcat	Will be		
PO Box 4298, Fa	armington, N	M 87499										
12.Location	Unit Ltr	Section	Township	Range	Lot		Feet from the	N/S Line	Feet from t	he E/W L	Line	County
BH:		- G.										
13. Date Spudde	d 14. Date	T.D. Reached	15. Date F	Rig Released		16. I	Date Complete	ed (Ready to Pro	oduce)	17. Elevati	ions (D	F and RKB,
18. Total Measur	red Denth of I	Wall	11/4/2014	Back Measured De	anth	20	Was Direction	nal Survey Made	2 21 7	RT, GR, et		3' GL Other Logs Run
					-pui	20.	was Direction	nai Survey Made	21. 1	ype Electri	ic and C	uici Logs Kuii
22. Producing In	terval(s), of the	his completion	n - Top, Bottom,	Name	150		Ball to			FILTER		
23.		1 12	CA	SING REC	ORI	D (Repo	rt all strii	ngs set in v	vell)	1131	THE .	
CASING SI	IZE	WEIGHT L		DEPTH SET	SVSE		E SIZE		NG RECORD	AN	TOUNT	PULLED
			Little Control									
all order			MUSE, PA	Your					15780	Man in	30	Trade
		A partie										
24.			LI	NER RECORD			2	5.	TUBING RE	CORD		
SIZE	TOP	E	BOTTOM	SACKS CEN	MENT	SCREEN	S	SIZE	DEPTH S	ET	PACK	ER SET
26. Perforation	record (inter	val, size, and	number)					RACTURE, C				
						DEPTH II	NTERVAL	AMOUNT	AND KIND N	IATERIAL	USED	
20			La Tablia		DDC	DDUCT	ION					
28.  Date First Produ	ction	Prod	uction Method (I	Flowing, gas lift, j	141111111111111111111111111111111111111	A Paris City of the		Well Statu	is (Prod. or Sh	nut-in)		
H. Philip												
Date of Test	Hours Te	ested	Choke Size	Prod'n For Test Period		Oil - Bbl	G	as - MCF	Water - B	bl.	Gas -	Oil Ratio
Flow Tubing Press.	Casing P		Calculated 24- Hour Rate	Oil - Bbl.		Gas -	MCF	Water - Bbl.	Oil C	Gravity - AP	PI - (Co	rr.)
29. Disposition of	of Gas (Sold, 1	used for fuel, v	vented, etc.)						30. Test Wi	tnessed By	77.1	
31. List Attachm	ents	1000		A A KITTE				-	100			
32. If a temporar	y pit was used	d at the well, a	attach a plat with	the location of th	e tempo	orary pit.	1015	V 1 7 1 1	- NAME			
33. If an on-site	burial was use	ed at the well,		ocation of the on-						THE N		
I hereby certi	fy that the			ongitude -108.08		°W N	AD 1927 and complet	≥ 1983	of my know	ledge and	d belie	f
Signature	Dale	& lot	Pı	rinted ame Dollie B	To the same				Date:			
E-mail Addre	ess I	Dollie L. Bu	isse@conocoj	ohillips.com		19119						



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

December 10, 2014

Mike Smith Conoco Phillips Farmington 3401 E 30th St Farmington, NM 87402 TEL: (505) 599-3424

FAX

RE: Thompson #10N

OrderNo.: 1412275

Dear Mike Smith:

Hall Environmental Analysis Laboratory received 2 sample(s) on 12/5/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Albuquerque, NM 87109

#### **Analytical Report**

Lab Order 1412275

Date Reported: 12/10/2014

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips Farmington

Client Sample ID: Reserve Pit

Project: Thompson #10N

Collection Date: 12/2/2014 2:45:00 PM

Lab ID: 1412275-001

Matrix: SOIL

Received Date: 12/5/2014 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	E ORGANICS	A L				Analyst	BCN
Diesel Range Organics (DRO)	210	98		mg/Kg	10	12/8/2014 1:29:35 PM	16685
Surr: DNOP	0	63.5-128	S	%REC	10	12/8/2014 1:29:35 PM	16685
EPA METHOD 8015D: GASOLINE RA	NGE					Analyst	NSB
Gasoline Range Organics (GRO)	18	4.7		mg/Kg	1	12/8/2014 12:07:48 PM	16689
Surr: BFB	149	80-120	S	%REC	1	12/8/2014 12:07:48 PM	16689
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	0.14	0.047		mg/Kg	1	12/8/2014 12:07:48 PM	16689
Toluene	0.61	0.047		mg/Kg	1	12/8/2014 12:07:48 PM	16689
Ethylbenzene	0.15	0.047		mg/Kg	1	12/8/2014 12:07:48 PM	16689
Xylenes, Total	1.2	0.095		mg/Kg	1	12/8/2014 12:07:48 PM	16689
Surr: 4-Bromofluorobenzene	108	80-120		%REC	1	12/8/2014 12:07:48 PM	16689
EPA METHOD 300.0: ANIONS						Analyst	LGP
Chloride	82	30		mg/Kg	20	12/8/2014 1:59:54 PM	16713

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 1 of 6

- P Sample pH greater than 2.
- RL Reporting Detection Limit

#### **Analytical Report**

Lab Order 1412275

Date Reported: 12/10/2014

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips Farmington

Project: Thompson #10N

Lab ID: 1412275-002

Client Sample ID: Background

Collection Date: 12/2/2014 2:30:00 PM

Received Date: 12/5/2014 7:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RAN	GE ORGANICS				Analyst	BCN
Diesel Range Organics (DRO)	28	10	mg/Kg	- 1	12/8/2014 1:51:01 PM	16685
Surr: DNOP	91.8	63.5-128	%REC	1	12/8/2014 1:51:01 PM	16685
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/8/2014 1:34:00 PM	16689
Surr: BFB	92.4	80-120	%REC	1	12/8/2014 1:34:00 PM	16689
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.049	mg/Kg	1	12/8/2014 1:34:00 PM	16689
Toluene	ND	0.049	mg/Kg	1	12/8/2014 1:34:00 PM	16689
Ethylbenzene	ND	0.049	mg/Kg	1	12/8/2014 1:34:00 PM	16689
Xylenes, Total	ND	0.099	mg/Kg	1	12/8/2014 1:34:00 PM	16689
Surr: 4-Bromofluorobenzene	99.4	80-120	%REC	1	12/8/2014 1:34:00 PM	16689
EPA METHOD 300.0: ANIONS					Analyst	LGP
Chloride	ND	1.5	mg/Kg	1	12/8/2014 2:12:19 PM	16713

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Page 2 of 6
- P Sample pH greater than 2.
- RL Reporting Detection Limit

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1412275

10-Dec-14

Client:

Conoco Phillips Farmington

Project:

Thompson #10N

Sample ID MB-16713

SampType: MBLK

TestCode: EPA Method 300.0: Anions

LowLimit

Client ID:

Batch ID: 16713

PQL

PQL

RunNo: 23009

Result

Prep Date: 12/8/2014

Analysis Date: 12/8/2014

SeqNo: 679787

Units: mg/Kg HighLimit

%RPD **RPDLimit** 

Qual

Analyte Chloride

ND 1.5

Sample ID LCS-16713

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 16713

RunNo: 23009

Units: mg/Kg

Prep Date: 12/8/2014

Analysis Date: 12/8/2014

SeqNo: 679788

SPK value SPK Ref Val %REC

SPK value SPK Ref Val %REC

%RPD **RPDLimit** 

Qual

Chloride

Result 14

1.5

15.00

0

92.4

LowLimit HighLimit 90

110

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range E
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit 0
- RPD outside accepted recovery limits R
- Spike Recovery outside accepted recovery limits S
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Sample pH greater than 2. Reporting Detection Limit
- Page 3 of 6

# Hall Environmental Analysis Laboratory, Inc.

WO#:

1412275

10-Dec-14

Client:

Conoco Phillips Farmington

Project:

Thompson #10N

Sample ID MB-16685	SampT	ype: MI	BLK	TestCode: EPA Method 8015D: Diesel Range Organics								
Client ID: PBS	Batch	n ID: 16	685	F	RunNo: 2	2954						
Prep Date: 12/5/2014	Analysis D	)ate: 1:	2/5/2014	8	SeqNo: 6	77912	Units: mg/k	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	ND	10				TOTAL P	APRIL SILE					
Surr: DNOP	7.1		10.00		71.0	63.5	128					

Sample ID LCS-16685	Samp	Type: LC	S	Tes	tCode: E	PA Method	8015D: Dies	el Range (	Organics		
Client ID: LCSS	Batc	h ID: 16	685	F	RunNo: 2	2954					
Prep Date: 12/5/2014	Analysis [	Date: 12	2/5/2014	8	SeqNo: 6	77913	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	47	10	50.00	0	93.3	68.6	130				
Surr: DNOP	4.6		5.000		91.7	63.5	128				

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Page 4 of 6

### Hall Environmental Analysis Laboratory, Inc.

Client: Conoco Phillips Farmington

Project: Thompson #10N

Sample ID MB-16689 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 16689 RunNo: 22986

Prep Date: 12/5/2014 Analysis Date: 12/8/2014 SeqNo: 679318 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 900 1000 89.8 80 120

Sample ID LCS-16689 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 16689 RunNo: 22986

Prep Date: 12/5/2014 Analysis Date: 12/8/2014 SeqNo: 679319 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO) 23 5.0 25.00 0 92.4 65.8 139

Surr: BFB 980 1000 97.7 80 120

Sample ID 1412275-001AMS SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: Reserve Pit Batch ID: 16689 RunNo: 22986

Prep Date: 12/5/2014 Analysis Date: 12/8/2014 SeqNo: 679322 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO) 47 4.8 23.76 18.48 121 71.8 132

 Gasoline Range Organics (GRO)
 47
 4.8
 23.76
 18.48
 121
 71.8
 132

 Surr: BFB
 2100
 950.6
 224
 80
 120
 S

Sample ID 1412275-001AMSD SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: Reserve Pit Batch ID: 16689 RunNo: 22986

Prep Date: 12/5/2014 Analysis Date: 12/8/2014 SeqNo: 679323 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte Result LowLimit 20 Gasoline Range Organics (GRO) 46 4.7 23.67 18.48 117 71.8 132 2.49 2000 Surr: BFB 947.0 215 80 120 0 S

#### Qualifiers:

\* Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

P Sample pH greater than 2. RL Reporting Detection Limit Page 5 of 6

WO#:

1412275

10-Dec-14

# Hall Environmental Analysis Laboratory, Inc.

WO#:

1412275

10-Dec-14

Client:

Conoco Phillips Farmington

Project:

Thompson #10N

Sample ID MB-16689	Samp	Гуре: М	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 16	689	F	RunNo: 2	2986				
Prep Date: 12/5/2014	Analysis Date: 12/8/2014			8	SeqNo: 6	79332	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050		STANTE.		Continue la	A STATE OF THE STA	1		
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		97.9	80	120			

Sample ID LCS-16689	Samp	Type: LC	S	TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batc	h ID: 16	689	F	RunNo: 2	2986					
Prep Date: 12/5/2014	Analysis Date: 12/8/2014				SeqNo: 6	79333	Units: mg/k	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.96	0.050	1.000	0	96.0	80	120		A ALERSON	Make 1	
Toluene	0.91	0.050	1.000	0	90.9	80	120				
Ethylbenzene	0.94	0.050	1.000	0	94.3	80	120				
Xylenes, Total	2.8	0.10	3.000	0	93.8	80	120				
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120				

Sample ID 1412275-002AM	S Samp	Гуре: М	3	Tes	tiles					
Client ID: Background	Batc	h ID: 16	689	F	RunNo: 2	2986				
Prep Date: 12/5/2014	Analysis [	Analysis Date: 12/8/2014			SeqNo: 6	79338	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.049	0.9881	0	86.7	77.4	142			Jan By
Toluene	0.84	0.049	0.9881	0.01167	83.6	77	132			
Ethylbenzene	0.87	0.049	0.9881	0	88.4	77.6	134			
Xylenes, Total	2.6	0.099	2.964	0.01655	86.5	77.4	132			
Surr: 4-Bromofluorobenzene	1.0		0.9881		104	80	120			

Sample ID 1412275-002AM	ISD Samp1	Type: MS	SD	Tes	tCode: E	PA Method	8021B: Volat	tiles		
Client ID: Background	Batcl	h ID: 16	689	F	RunNo: 2	2986				
Prep Date: 12/5/2014	Analysis D	Date: 12	2/8/2014		SeqNo: 6	79339	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.049	0.9891	0	97.0	77.4	142	11.3	20	Total Training
Toluene	0.95	0.049	0.9891	0.01167	94.6	77	132	12.2	20	
Ethylbenzene	0.99	0.049	0.9891	0	99.9	77.6	134	12.3	20	
Xylenes, Total	2.9	0.099	2.967	0.01655	97.7	77.4	132	12.2	20	
Surr: 4-Bromofluorobenzene	1.0		0.9891		104	80	120	0	0	

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Page 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name:	Conoco Phillips Farmin	gt Work Order Number	er: 1412275		RcptNo: 1	
Received by/date	: LM	12/05/14				
Logged By:	Celina Sessa	12/5/2014 7:45:00 AI	И	Celin S	men	
Completed By:	Celina Sessa	12/5/2014 8:40:15 Al	M	Celin S		
Reviewed By:	IO	12/05/20	14	una )		
Chain of Cust		1405/60		9,141		
V A STATE OF THE STATE OF	s intact on sample bottle	e?	Yes 🗆	No 🗆	Not Present <b>✓</b>	
	ustody complete?		Yes 🗹	No 🗆	Not Present	
	sample delivered?		Courier			
Log In						
4. Was an atter	mpt made to cool the sar	mples?	Yes 🗹	No 🗆	NA 🗆	
5. Were all sam	nples received at a tempe	erature of >0° C to 6.0°C	Yes 🗹	No 🗆	NA 🗆	
6. Sample(s) in	proper container(s)?		Yes 🗹	No 🗆		
7. Sufficient sar	mple volume for indicated	d test(s)?	Yes 🗸	No □		
8. Are samples	(except VOA and ONG)	properly preserved?	Yes 🗸	No 🗆		
9. Was preserva	ative added to bottles?		Yes 🗆	No 🗸	NA 🗆	
10.VOA vials ha	ve zero headspace?		Yes 🗆	No 🗆	No VOA Vials	
11. Were any sa	imple containers receive	d broken?	Yes 🗆	No 🗹	# of preserved bottles checked	
A CONTRACTOR OF THE PARTY OF TH	vork match bottle labels?		Yes 🗹	No 🗆	for pH:	12 unless noted
	correctly identified on C		Yes 🗹	No 🗆	Adjusted?	
	at analyses were reques		Yes 🗸	No 🗆	42.0	
	ding times able to be met customer for authorization		Yes 🗸	No 🗆	Checked by:	
Special Hand	ling (if applicable)					
	otified of all discrepancie	s with this order?	Yes 🗆	No 🗆	NA 🗹	
Person	Notified:	Date:				
By Wh	om:	Via:	eMail	Phone   Fax	☐ In Person	
Regard	ding:					
17. Additional re						
18. Cooler Info	the same of the sa	on   Seal Intact   Seal No	Seal Date	Signed By		
1	2.7 Good	Yes				

C	hain	of-Cu	stody Record	Turn-Around	ııme:		1						=	AI S	TE	00	BIB	AEI	ATA	
			LUIPS	Standard	□ Rush				H	1000	THE STREET								TOR	
	the S			Project Name								v.hal							1,000	No.
Mailing	Address	:		THOMPS	ON # 101	J		40	01 H									100		
				Project #:					el. 50						505-					
Dhone	#/EAG)	710-	2492					1,	51. 50	0-0-	-5-5				Req		THE REAL PROPERTY.			
email o	r Fax#: ,	nike w	Smitha CONOCO PARLLEP	Project Mana	ger: Mrke	SMITH		<u>\S</u>	0											
	Package:		☐ Level 4 (Full Validation)	COM			8 (8021)	(Gas on	30 / MR			SIMS)		PO4,SC	PCB's					
Accred			Marie Salanda	Sampler: J	ARED CHA	IVEZ	A	표	/ DF	1	1	20.2		102	3082				a gr	3
□ NEL		□ Othe	or and the second second second	On Ice:	Yes U	<b>™</b> No		+	RO	418.	504.	r 82	S	03,6	8/8		(A)	10		or o
□ EDD	(Type)			Sample Tem	perature:	2,7		TBE	B (G	pol	pot (	100	etal	C, N	cide	(A)	)-i	DE.		S (Y
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX +	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 M	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)	CHORIDES		Air Bubbles (Y or N)
12/14	14:45	SOIL	RESERVE PIT	1-402	CooL	-001	1		1	Sept.								1	200	
2/14	14:30	SOIL	BACKGROUND	1-402	(002	-002	V		1									1		
														7						
								AL S												
	1 75	86,111										N.								
			A BANK TO BE SHOW	The State of	<b>创一生产</b> 社会															
Date:	Time:	Relinquish	od byr	Received by:		Date Time	Dos				, ,	160								
2/4/14	9:35N	57	ARED CHAVEZ	( a	h	12-4-14 935	Ren	пагк	s: /	036	60	52		-	51	ELL	16	Cono	0	
Date: 2/4/14	Time: #53	Relinquish		Received by:	Walls	Date Time	3		2						CI					
21	fnecessary.	A Mn.	mitted to Hall Environmental may be sub	contracted to other a	ccredited laboratorie	s. This selves as notice of t		bility.	Any si	ub-con	tracte	d data	will be	e clear	ly nota	ited on	the a	nalytical	report.	

#### Busse, Dollie L

From: Payne, Wendy F

Sent: Tuesday, December 30, 2014 10:23 AM

To: Mark Kelly; (Brandon.Powell@state.nm.us); Jonathan Kelly; Smith, Cory, EMNRD

(Cory.Smith@state.nm.us)

Cc: GRP:SJBU Regulatory; GRP:SJBU Projects Civil Facility; Craig Willems; Mike Flaniken;

Randy McKee; Robert Switzer; Roger Herrera; Sherrie Landon

Subject: Full Reclamation Notice: Thompson 10N ( Area 1 \* Run 101 )

Importance: High

Triple F Construction will move a tractor to the **Thompson 10N** to start the reclamation process including the pit closure on **Monday, January 5, 2015**. If you have any questions or need further assistance, please contact Jared Chavez (505-793-7912).

Driving directions attached.



Burlington Resources Well – Network # 10366252 – Activity code D250 (reclamation) & D260 (pit closure) – PO:KGarcia San Juan County, NM

# Thompson 10N - BLM surface/FEE surface

Onsite: 12/17/13 - Mike Flaniken

1585' FNL & 2120' FWL Sec.27, T31N, R12W Unit Letter "F" Lease # NM-01614

Latitude: 36° 52′ 22″ N (NAD 83) Longitude: 108° 05′ 15″ W (NAD 83)

Elevation: 6193'

Total Acres Disturbed: 3.72 acres Access Road: 1006.56 feet API # 30-045-35501

Within City Limits: NO

Pit Lined: YES

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

# ConocoPhillips

Pit Closure Form:
Date: 1/20/15
Well Name: Thompson 10N
Footages: 1585 FNL 2120' FW2 Unit Letter: F.
Section: 37, T-31-N, R-12-W, County: 97 State: Nm
Contractor Closing Pit: TripleF
Pit Closure Start Date: 1-6-15
Pit Closure Complete Date: 1-20-15
Construction Inspector: Jared Chavey Date: 1/30/15
Inspector Signature:

Revised 11/4/10
Office Use Only:
Subtask \_\_\_\_
DSM \_\_\_
Folder \_\_\_\_

# BURLINGTON

THOMPSON #10N
1585' FNL 2120' FWL
UNIT F SEC 27 T31N R12W
API #30-045-35501
ELEV. 6193'
LEASE # NM-01614
LATITUDE 36° 52 MIN. 22 SEC. N (NAD 83)
LOGITUDE 108° 05 MIN. 15 SEC. (NAD83)
SAN JUAN COUNTY, NEW MEXICO
EMERGENCY CONTACT: 1-505-324-5170





# ConocoPhillips

Revised 6/14/2012

L	WELL NAME:	OPEN P	IT INSPE	CTION F	ORM			ConocoPhillips					
-	Thempson IDN INSPECTOR	Smobley	SMOBLE/	5 MOBLEY	- acti	<b>6</b>	E						
	DATE	10/8/14	10/14/14	10/20/14	10/27/14	11-11-14 D	5 MABLE)	11-25-14	12.314	12-9-14			
	*Please request for pit extention after 26 weeks	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9			
	PIT STATUS	Drilled Completed Clean-Up	Drilled Completed Gean-Up	Drilled Completed Clean-Up	Drilled Completed Clean-Up	Drilled Completed Clean-Up	Drilled Completed Clean-Up	Drilled Completed Clean-Up	Drilled Completed Clean-Up	Drilled Completed Clean-Up			
CATION	Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	¥ Yes □ No	9 Yes □ No	√ Yes □ No	☐ Yes ☐ No	∑ Yes □ No	S Yes □ No	Yes No	☑ Yes □ No	Yes   No			
Loc/	Is the temporary well sign on location and visible from access road?	Yes No	9 Yes □ No	P Yes □ No	☐ Yes ☐ No	∑ Yes □ No	Yes No	✓ Yes ☐ No	Yes No	Yes No			
	is the access road in good driving condition? (deep ruts, bladed)	☑ Yes ☐ No	Yes No	▼ Yes □ No	□ Y€□ No	Yes No	Yes No	Yes No	Yes No	Yes No			
	Are the culverts free from debris or any object preventing flow?	Yes □ No	☐ Yes □ No	Yes No	☐ Yes ☐ No	Ŋ Yes ☐ No	Ş Yes □ No	✓ Yes □ No	Yes   No	☐ Yés ☐ No			
	is the top of the location bladed and in good operating condition?	Yes No	Yes □ No	Yes No	☐ Yes ☐ No	Yes No	Yes No	✓ Yes □ No	✓ Yes □ No	Yes No			
INCE	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?	Yes No	Ŋ Yes □ No	∑ Yes □ No	Yes No	Yes No	Yes No	✓ Yes □ No	☑ Yes □ No	Yes No			
COMPLIAN	Is the pit liner in good operating condition? (no tears, up-rooting comers, etc.)	X Yes □ No	▼ Yes □ No	Ø Yes □ No	☐ Yes ☐ No	Yes No	Yeş No	Yes   No	✓ Yes □ No	☑ Yes □ No			
1000000	Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	⊠ Yes □ No	Ş Yes □ No	Yes No	☐ Yes ☐ No	Yes No	Yes □ No	Yes   No	☑ Yes □ No	Yes No			
ENVIRONMENTAL	Does the pit contain two feet of free board? (check the water levels)	☑ Yes ☐ No	✓ Yes □ No	Yes No	☐ Yes ☐ No	Yes No	Yes No	✓ Yes □ No	Yes No	Yes No			
IRON	Is there any standing water on the blow pit?	☐ Yes X No	☐ Yes 🔀 No	Yes 🖎 No	Yes No	Yes 🔀 No	Yes 28 No	☐ Yes 🗹 No	☐ Yes 🗹 No	Yes 🛛 No			
EN	Are the pits free of trash and oil?	▼ Yes □ No	▼ Yes □ No	P Yes □ No	☐ Yes ☐ No	Yes □ No	₩ Yes No	Yes No	Yes No	✓ Yes □ No			
	Are there diversion ditches around the pits for natural drainage?	☐ Yes 🔯 No	☐ Yes 🔀 No	☐ Yes 🔀 No	Yes No	Yes No	Yes □ No	Yes   No	✓ Yes □ No	Yes No			
	Is there a Manifold on location?	Yes No	Ş Yes □ No	Yes No	Yes No	✓ Yes □ No	S Yes □ No	Yes No	☑ Yes ☐ No	Yes No			
	Is the Manifold free of leaks? Are the hoses in good condition?	X Yes □ No	∑ Yes □ No	D Yes □ No	☐ Yes ☐ No	Ø Yes □ No	Yes No	Yes No	Yes   No	Yes No			
OCD	Was the OCD contacted?	☐ Yes 🔯 No	□ Yes [5] No	☐ Yes 💆 No	☐ Yes ☐ No	Yes No	Yes 🔀 No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No			
	PICTURE TAKEN	☐ Yes 🔀 No	☐ Yes 🔀 No	☐ Yes 🔽 No	Yes No	Yes X No	☐ Yes 🔀 No	☐ Yes ☑ No	☐ Yes ☑ No	Yes No			
	COMMENTS	NOT DRILLED YET	NOT DRILLEC YET	Pre Spud	Rig on Lowdin	Oil Stains on localing			7	Repaired Fonce			

	WELL NAME:				J. D. T.	P. Law				
	Thompson IDN	- A			- Condo Fil					
	N INSPECTOR DATE		12-22-14	1-2-15	SMOBILE			Alama R		
	*Please request for pit extention after 26 weeks	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18
	PIT STATUS	Drilled Completed Clean-Up	Drilled Completed Clean-Up	Orilled Completed Clean-Up	Drilled Completed Clean-Up					
ATION	Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	Yes No	Yes No	Yes No	□ Y≠□ No	Yes No	Yes No	Yes No	Yes No	Yes No
10C/	ls the temporary well sign on location and visible from access road?	Yes No	Yes No	☑ Yes □ No	□ es □ No	Yes No	Yes No	Yes No	Yes No	Yes No
	Is the access road in good driving condition? (deep ruts, bladed)	Yes No	☑ Yes □ No	Yes No	es No	Yes No	Yes No	Yes No	Yes No	Yes No
8	Are the culverts free from debris or any object preventing flow?	Yes No	Yes   No	Yes No	☐ Yes ☐ No	Yes No	Yes No	Yes No	Yes No	Yes No
	Is the top of the location bladed and in good operating condition?	Yes No	Yes No	☑ yes □ No	☐ Yes ☐ No	Yes No	Yes No	Yes No	Yes No	Yes No
NOCE	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?	☑ Yes ☐ No	Yes No	Yes No	☐ Ye ☐ No	☐ Yes ☐ No	Yes No	Yes No	Yes No	Yes No
COMPLIANCE	Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	Yes No	Yes No	Yes No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	Yes No	Yes No	Yes No
1 ~	is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	Yes No	✓ Yes □ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	Yes No	Yes No	Yes No
MENT	Does the pit contain two feet of free board? (check the water levels)	Yes No	Yes No	☑ Yes ☐ No	☐ Yes ☐ No	Yes No	Yes No	Yes No	Yes No	Yes No
ENVIRONMENTAL	Is there any standing water on the blow pit?	☐ Yes 🗹 No	☐ Yes 🗹 No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No	Yes No	Yes No	Yes No
EN	Are the pits free of trash and oil?	Yes No	Yes   No	Yes No	Yes No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	Yes No	Yes No
	Are there diversion ditches around the pits for natural drainage?	Yes No	☑ Yes ☐ No	Yes No	☐ Yes ☐ No	Yes No	Yes No	Yes No	Yes No	Yes No
	is there a Manifold on location?	Yes No	✓ Yes □ No	Yes No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No	Yes No	Yes No	Yes No
	Is the Manifold free of leaks? Are the hoses in good condition?	Yes No	✓ Yes □ No	Yes No	☐ Yes ☐ No	Yes No	Yes No	Yes No	☐ Yes ☐ No	Yes No
OCD	Was the OCD contacted?	☐ Yes ☑ No	☐ Yes ☑ No	Yes No	Yes No	Yes No	Yes No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No
	PICTURE TAKEN	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	Yes No	Yes No	Yes No	Yes No	☐ Yes ☐ No	Yes No
THE PERSON NAMED IN	COMMENTS				Reclaming					