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

State of New Mexico Energy Minerals and Natural Resources

Department Oil Conservation Division 1220 South St. Francis Dr. Form C-144 July 21, 2008

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

District IV	Santa Fe, NM 87505	For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the
1220 S. St. Francis Dr., Santa Fe, NM 87505	I.D.	appropriate NMOCD District Office.
	Pit, Closed Loop System, Below-Grad	de Tank, or
Propos	ed Alternative Method Permit or Closu	re Plan Application
Type of action:	X Permit of a pit, closed-loop system, below-grade	tank, or proposed alternative method
BGT 1	Closure of a pit, closed-loop system, below-grade Modification to an existing permit	e tank, or proposed alternative method
BGT I		ind an arrange in the second
	Closure plan only submitted for an existing perm below-grade tank, or proposed alternative method	d
Instructions: Please submit one a	pplication (Form C-144) per individual pit, closed-lo	oop system, below-grade tank or alternative request
Please be advised that approval of	this request does not relieve the operator of liability should operations eve the operator of its responsibility to comply with any other applicable	regult in nollution of auct
Operator: Burlington Resources Oil	& Gas Company, LP	OGRID#: 14538
Address: PO Box 4289, Farmingto		
Facility or well name: SAN JUAN 3	0-6 UNIT 484S	
	003927653 OCD Permit Number	эт:
U/L or Qtr/Qtr: D Sectio	- Kange.	6W County: Rio Arriba
Center of Proposed Design: Latitude Surface Owner: X Federal	Dongitude.	-107.45859°W NAD: X 1927 1983
Surface Owner: X Federal	State Private Tribal Trust or India	n Allotment
Lined Unlined Line String-Reinforced Liner Seams: Welded Fac Closed-loop System: Subsection	over vitation P&A er type: Thickness mil LLDPE 1 tory Other Volume: In H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applies to a notice of intent) I Steel Tanks Haul-off Bins Other	HDPE PVC Other
Liner Seams: Welded Fact	Ory Other	
X Below-grade tank: Subsection I of Volume: 120 bbl Tank Construction material: Secondary containment with leak detection Visible sidewalls and liner Liner Type: Thickness	Type of fluid: Produced Water Metal ction X Visible sidewalls, liner, 6-inch lift and auton Visible sidewalls only Other	natic overflow shut-off
Alternative Method: Submittal of an exception request is require	ed. Exceptions must be submitted to the Santa Fe Environn	nental Bureau office for consideration of approval.

Form C-144

Oil Conservation Division

12/22/2008

Page 1 of 5

Released to Imaging: 9/14/2021 9:35:25 AM

Fencing: Subsection D of 19.15.17.11 NMAC (A to permanent pit, temporary pits, and below-grade tanks)		Page
Fencing: Subsection D of 19.15.17.11 NMAC (A 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 ch	urch)
Four foot height, four strands of barbed wire evenly spaced between one and four feet	m.mmmm m (n	
X Alternate. Please specify 4' hog wire fencing topped with two strands barbed wire.		
the personal parameter of the control of the personal	Skir is Fire 5.	ow beats be we
Netting: Subsection F, of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	Hame on	to I Historiania
X Screen Other Other	Marin Committee on the same	and the second second
Monthly inspections (If netting or screening is not physically feasible)		
	,	
Signs: Subsection C of 19.15.17.11 NMAC		
12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers		
X Signed in compliance with 19.15.3.103 NMAC		
Administrative Approvals and Exceptions		
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:		
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for a (Fencing/BGT Liner)	consideration of a	approval.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.		
appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for		1
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.		
	Yes	XNo
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.	□Yes □Yes	X No
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 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).	☐Yes ☐Yes ☐Yes	
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 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 Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial	☐Yes ☐Yes ☐Yes ☐NA	X No
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 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 Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐Yes ☐Yes ☐Yes ☐NA	X No
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Form C-144

T. Die St.
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. [X] Hydrogeologic Peropt (Pelow, grade Technology).
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 Description
X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
Design Plan - based upon the appropriate requirements of 19.15.17.10 NMAC
X Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
X 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 (attack
API or Permit
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.11 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete 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 Degine (attack
Previously Approved Operating and Mail
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the conditions:
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment
Climatological Factors Assessment
Certified Engineering Design Plans - based upon the appropriate requirements of 10.15.17.11 NAA-C
Direction and Structural integrity Design: based upon the appropriate requirements of 10 15 17 11 11 11 11
and the state of t
Line Specifications and Compatibility Assessment - based upon the appropriate requirements of 10 15 17 11 20 15
The state of the s
Operating and Maintenance Plan - based upon the appropriate requirements of 10.15.17.12.2004.6
The sound wild Overtopping Flevention Plan - based upon the appropriate requirements of 10 15 17 11 NAA C
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 Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit X Below-grade Tank Closed-loop System
Proposed Closure Method: X Waste Excavation and Removal (Below-Grade Tank)
Waste Removal (Closed-loop systems only)
On-site Closure Method (only for temporary pits and closed-loop systems)
In-place Burial On-site Trench
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
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. X Protocols and Procedures - based upon the appropriate way of the following items must be attached to the closure plan.
and appropriate requirements of 1915 17 13 NMAC
- Dased upon the appropriate requirements of Subsection H of 10 15 17 12 NA 16
and based upon the appropriate requirements of Subsection Lof 19 15 17 13 NMAC
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16		
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Instructions: Please identify the facility or facilities for the disposal of liquids, drilling to	Tanks or Haul-off Bins Only: (19.15.17.13.D NMA)	C)
are required.	luids and drill cuttings. Use attachment if more than to	wo facilities
Disposal Facility Name:	Disposal Facility Permit #:	
Disposal Facility Name:	Disposal Facility Parmit #	Tenant time a second popular second popular
Yes (If yes, please provide the information No		e service and operations?
Required for impacted areas which will not be used for future service and operations		
Soil Backfill and Cover Design Specification - based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation	requirements of Subsection H of 19.15.17.13 NN	1AC
Site Reclamation Plan - based upon the appropriate requirements of Subsection	ection G of 19.15.17.13 NMAC	
17	STATE OF TAILS IT AT NIMAC	
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMAC		
mistractions. Each sling criteria requires a demonstration of	commendations of acceptable source material are provided by	pelow Paguarta name limit
certain siting criteria may require administrative approval from the appropriate district office or for consideration of approval. Justifications and/or demonstrations of equivalency are required.	nay be considered an exception which must be submitted to the	the Santa Fe Environmental Bureau office
Ground water is less than 50 feet below the bottom of the buried waste.	and the state of t	
- NM Office of the State Engineer - iWATERS database search; USGS: Data obtaine	ed from nearby wells	Yes No
Ground water is between 50 and 100 feet below the bottom of the buried waste		
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained	d from nearby wells	Yes No
Ground water is more than 100 feet below the bottom of the buried waste.	indicy wells	∐N/A
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained	f from nearby wells	Yes No
Within 300 feet of a continuously flowing watercourse or 200 feet of any other in its	Watercourse or lakehad winds to	□N/A
	valercourse of lakebed, sinkhole, or playa lake	Yes No
- Topographic map; Visual inspection (certification) of the proposed site		
Within 300 feet from a permanent residence, school, hospital, institution, or church in exist - Visual inspection (certification) of the proposed site; Aerial photo: satellite image	ence at the time of initial application.	Yes No
Within 500 horizontal feet of a private, domestic fresh water well or operate that he does		Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence - NM Office of the State Engineer - iWATERS database; Visual inspection (certification within incorporated municipal hourdering a circle of the State Engineer - iWATERS database; Visual inspection (certification)	at the time of the initial application.	
pursuant to NMSA 1978, Section 3-27-3, as amended.	eld covered under a municipal ordinance adopted	Yes No
 Written confirmation or verification from the municipality: Written approval obtained Within 500 feet of a wetland 	from the municipality	
- US Fish and Wildlife Wetland Identification map: Topographic map; Visual inspection	(Certification) of the	Yes No
within the area overlying a subsurface mine.		
- Written confiramtion or verification or map from the NM EMNRD-Mining and Minera	ıl Division	Yes No
Within an unstable area.		□Yes □No
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Topographic map	Resources; USGS; NM Geological Society;	
Within a 100-year floodplain.		
- FEMA map		Yes No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the by a check mark in the box, that the documents are attached.	Enll	
		plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropriate requi	rements of 19.15.17.10 NMAC	
1760 of Surface Owner Notice - based upon the appropriate requirements of S	Subsection F of 10 15 17 12 NIMAG	1
Construction/Design Plan of Burial Trench (if applicable) based upon the appr	copriate requirements of 10 15 17 11 NA . G	
Construction Design Flan of Temporary Pit (for in place burial of a drying pad) - based upon the	15.17.11 NMAC
= appropriate requirements of 19.15	1/13 NMAC	The state of the s
Confirmation Sampling Plan (if applicable) - based upon the appropriate requir	rements of Subsection F of 19.15.17.13 NMAC	
Waste Material Sampling Plan - based upon the appropriate requirements of Su Disposal Facility Name and Permit Number (for liquid at 1911)	bsection F of 19.15.17.13 NMAC	
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill Soil Cover Design - based upon the appropriate requirements of Subsection H (cuttings or in case on-site closure standards cannot	ot be achieved)
Re-vegetation Plan - based upon the appropriate requirements of Subsection I o		
Site Reclamation Plan - based upon the appropriate requirements of Subsection	G of 19.15.17.13 NMAC	

Form C-144

Operator Application Certif			
	ication:		
Manage (Disc)	ion submitted with this application is true, acc	curate and complete to the b	est of my knowledge and belief.
Name (11mt).	Crystal Fafoya	Title:	Regulatory Technician
Signature:	Cyptal Fafage	Date:	12/22/2008
e-mail address:	27 Ld UFDye 4 conocophilips.com	Telephone:	505-326-9837
As the state of the second	enter en la companion de la co	and we at the man	The second gray-organic second second
A CONTRACTOR OF THE PROPERTY O			
	Application (including closure plan)	, , , , , , , , , , , , , , , , , , , ,	OCD Conditions (see attachment)
OCD Representative Signatu	ire: CRWhitehead	,	Sontombor 13, 2021
Title: Environmer	ntal Specialist		Approval Date: September 13, 2021
riue;		OCD Permi	Number: BGT 1
21			
Closure Report (required wit	hin 60 days of closure completion): Sub-	sortem K of 10 15 17 13 NAAA	
			activities and submitting the closure report. The closure
approved closure plan has been of	to the division within 60 days of the completion brained and the closure activities have been co	on of the closure activities.	activities and submitting the closure report. The closure Please do not complete this section of the form until an
,	cance and me crosure activities have been co	ompteteu.	
		Closure (Completion Date:
22			
Closure Method:			
Waste Excavation and Rem		Alternative Closure Me	ethod Waste Removal (Closed-loop systems only)
If different from approved	plan, please explain.		
23			
Closure Report Regarding Waste	Removal Closure For Closed-loop Systems	That Utilize Above Grou	nd Steel Tanks or Haul off Bins Only
Instructions: Please identify the fa were utilized.	cility or facilities for where the liquids, drill	ing fluids and drill cuttings	nd Steel Tanks or Haul-off Bins Only: were disposed. Use attachment if more than two facilities
Disposal Facility Name:			
Disposal Facility Name:		Disposal Facility Per	
	erations and associated activities performed o	Disposal Facility Per	mit Number:
Yes (If yes, please demonstr	rate complilane to the items below)	No	used for future service and opeartions?
Required for impacted areas whi	ich will not be used for future service and one		
Site Reclamation (Photo Doc	cumentation)	runons.	
Soil Backfilling and Cover In			
Re-vegetation Application R	ates and Seeding Technique		
4			
	Checklist: Instructions: Each of the follow	ving items must be attached	to the closure report. Please indicate, by a check mark in
Closure Report Attachment	Checklist: Instructions: Each of the follow utached.	ving items must be attached	to the closure report. Please indicate, by a check mark in
Closure Report Attachment the box, that the documents are a Proof of Closure Notice (st	urface owner and division)	ving items must be attached	to the closure report. Please indicate, by a check mark in
Closure Report Attachment the box, that the documents are a Proof of Closure Notice (su Proof of Deed Notice (requ	urface owner and division) uired for on-site closure)	ving items must be attached	to the closure report. Please indicate, by a check mark in
Closure Report Attachment the box, that the documents are a Proof of Closure Notice (see Proof of Deed Notice (requ Plot Plan (for on-site closure	urface owner and division) uired for on-site closure) res and temporary pits)	ving items must be attached	to the closure report. Please indicate, by a check mark in
Closure Report Attachment the box, that the documents are a Proof of Closure Notice (so Proof of Deed Notice (requ Plot Plan (for on-site closur Confirmation Sampling An	urface owner and division) uired for on-site closure) res and temporary pits) nalytical Results (if applicable)	ving items must be attached	to the closure report. Please indicate, by a check mark in
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Ferm C-144

Od Conservation Division

Pice Solf 5

New Mexico Office of the State Engineer POD Reports and Downloads

and the state of t	Township	30N	Range: 0	6W S	sections:			Abrahamita.	AN P	sange #6y/
1	NAD27 X:		Y:		Zone:	×	Search R	adius:		
County:		Basin	:	, , , , , ,		Numb	er:	Suffi	ix:	
Owner Nam	ne: (First)		()	Last)	17 1 17 American 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CN	Ion-Dom	estic CI	Domestic	• All
POD	/ Surface Da	ta Report		Avg De	pth to Water F	Report		Water Colu	ımn Repor	t
			Clear Forn	n j	WATERS Men	u l	Help			
	(quarter	s are 1:	NW 2=NE	3=SW 4	N REPORT 08	3/20/20	008			
POD Number	(quarter			small	est)		Depth	Depth	Water	(in feet)
SJ 00741	Tws	Rng Sec		Zone	x	Y	Well	Water	Column	(III Leec)
SJ 00041	30N 30N	06W 17	4 2 3				2038	300	1738	
SJ 00040	30N	06W 28	3 2 3 3 2 3				349			
	301	00W 20	5 4 5				420			

Record Count: 3

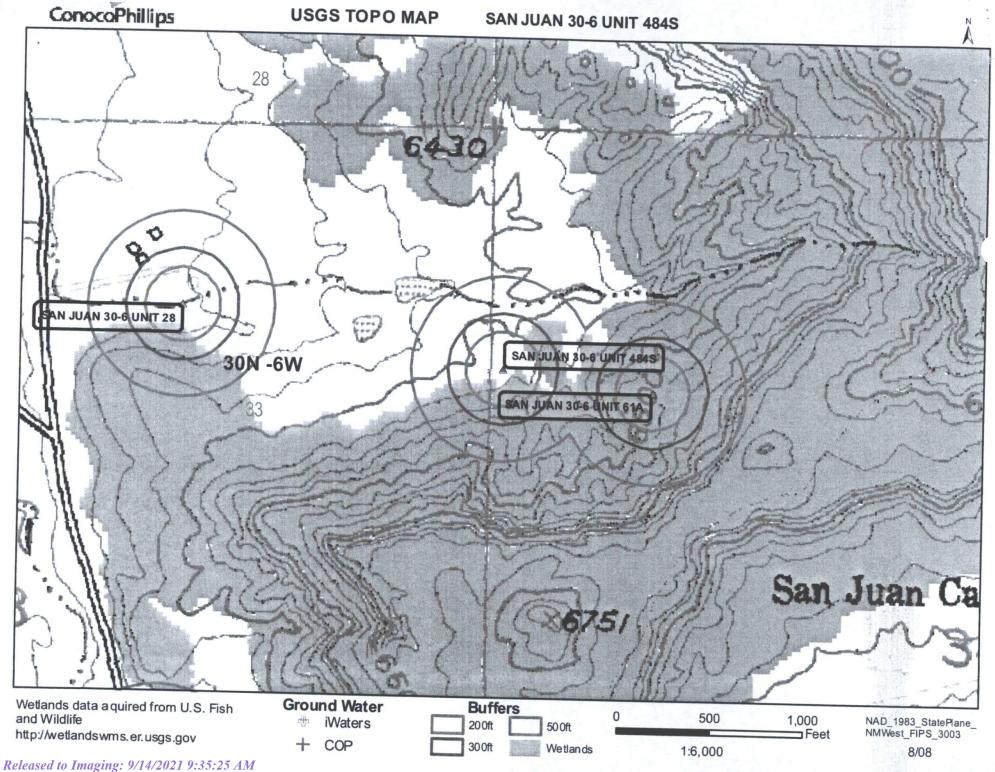
New Mexico Office of the State Engineer POD Reports and Downloads

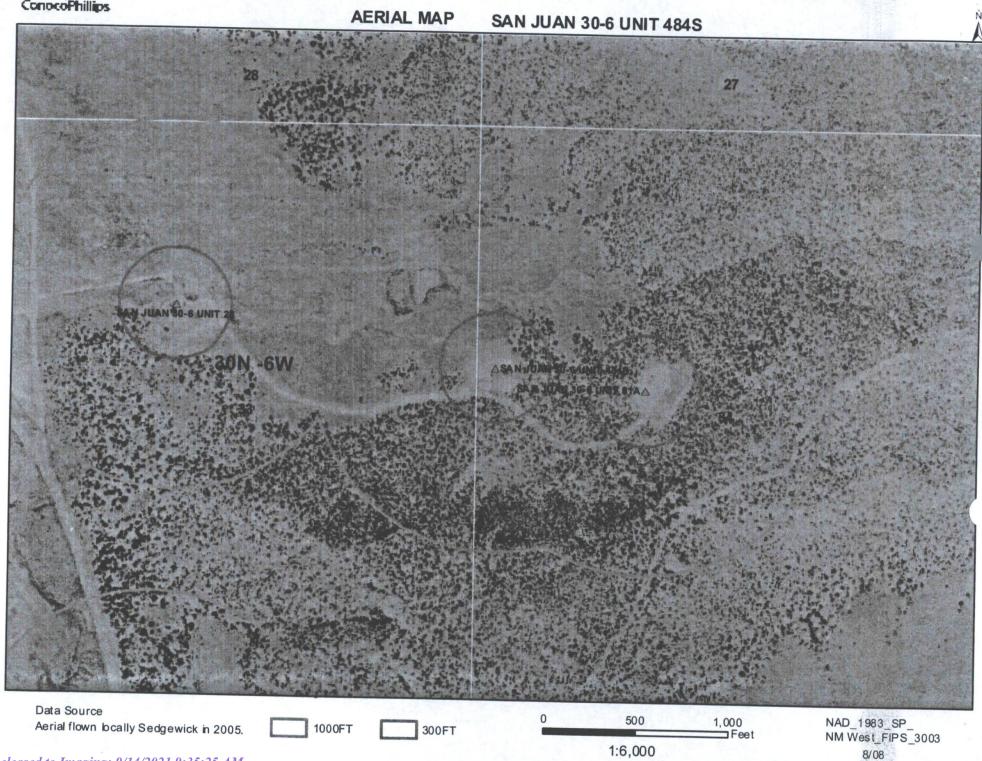
Township: 29N Range	e: 06W Sections:
NAD27 X: Y:	Zone: Search Radius:
County: Basin:	Number: Suffix:
Owner Name: (First)	(Last) C Non-Domestic C Domestic All
POD / Surface Data Report	Avg Depth to Water Report Water Column Report
Clear I	Form iWATERS Menu Help

WATER COLUMN REPORT 08/20/2008

	(quarter	s are	= 1 = 1	WM	2=	NE	3=SW 4=SE)							
	(quarter	s are	e big	gge	st	to	smallest)			Depth	Depth	Water	(in	feet
POD Number	Tws	Rng	Sec	g	q	g	Zone	X	Y	Well	Water	Column	/ 111	reet
SJ 03406	29N	06W	05	3	3	4				900	380	520		
SJ 00038	29N	06W	06	4	4	3				813		320		
SJ 02794	29N	06W	12	2	2	2				280	140	140		
SJ 03364	29N	06W	13	3	4	1				900	620	280		
SJ 03392	29N	06W	20	3	4	4				210	020	200		
SJ 03481	29N	06W	20	3	4	4				250				
SJ 00059 S-2	29N	06W	26	4	4	4				565	275	290		
SJ 03393	29N	06W	30	4	4	2				. 210	273	230		
SJ 00059	29N	06W	35	2	2	2				365	120	245		
SJ 00059 S	29N	06W	35	2	2	2				335	120	215		•
SJ 00059 S-3	29N	06W	35	2	2	3				561	146	415		

Record Count: 11





Mines, Mills and Quarries Web Map

SAN JUAN 30-6 UNIT 484S

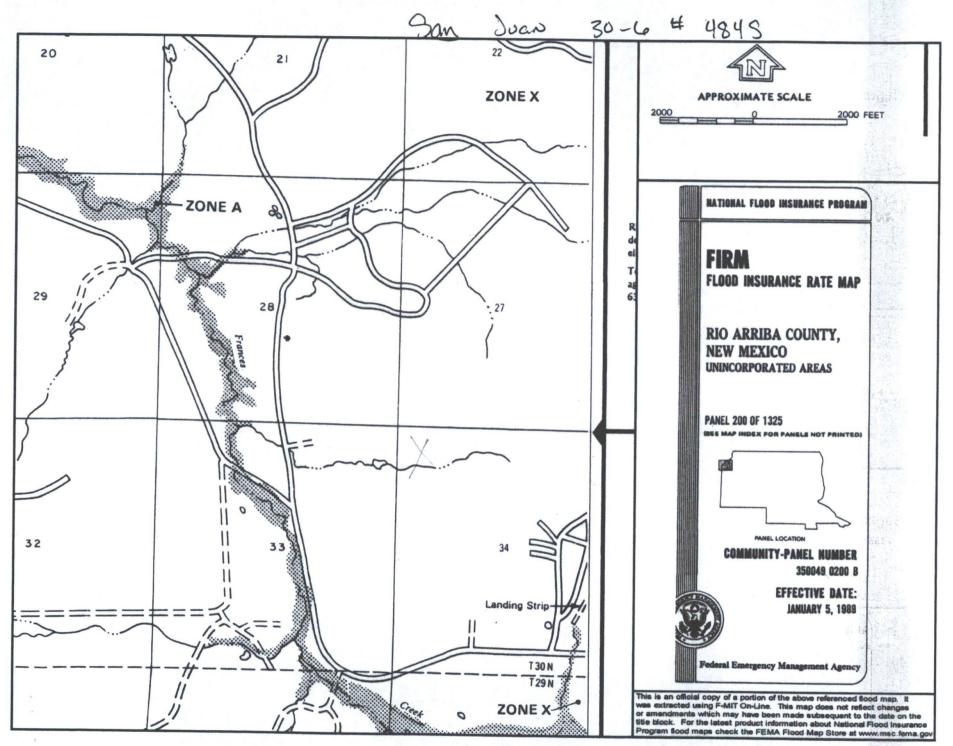
Unit Letter: D, Section: 34, Town: 030N, Range: 006W

Mines, Mills	& Quarries Commodity Groups
· C	Aggregate & Stone Mines
•	Coal Mines
坡	Industrial Minerals Mines
4	Industrial Minerals Mills
	Metal Mines and Mill Concentrate
100	Potash Mines & Refineries
	Smelters & Refinery Ops.
Angle.	Uranium Mines
20	Uranium Mills
Population	
	Cities - major
Transportatio	n
+	Railways
- contracting/store	Interstate Highways
	Major Roads









SAN JUAN 30-6 UNIT 484S

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN' 30-6 UNIT 484S', which is located at 36.77276 degrees North latitude and 107.45859 degrees West longitude. This location is located on the Gomez Ranch 7.5' USGS topographic quadrangle. This location is in section 34 of Township 30 North Range 6 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in Rio Arriba County, New Mexico. The nearest town is Allison, located 17.4 miles to the north. The nearest large town (population greater than 10,000) is Farmington, located 41.5 miles to the west (National Atlas). The nearest highway is US Highway 64, located 5.1 miles to the southwest. The location is on BLM land and is 213 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Upper San Juan. Colorado. New Mexico, Sub-basin. This location is located 1971 meters or 6464 feet above sea level and receives 14 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Pinion-Juniper Woodland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 269 feet. This estimation is based on the data published on the New Mexico Engineer's iWaters Database website and water depth data from ConocoPhillips' Cathodic wells. Groundwater data available from the NM State Engineer's iWaters Database for wells near the proposed site are attached. The nearest stream is 359 feet to the north and is classified by the USGS as an intermittent stream. The nearest perrenial stream is 699 feet to the northwest. The nearest water body is 698 feet to the northwest. It is classified by the USGS as a perennial lake and is 0.6 acres in size. The nearest spring is 16,293 feet to the southwest. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution), downloaded 3/2008. The nearest water well is 4,857 feet to the northwest. The nearest wetland is a 0.2 acre Freshwater Forested/Shrub Wetland located 15,179 feet to the northwest. The slope at this location is 7 degrees to the north as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. The surface geology at this location is SAN JOSE FORMATION--Siltstone, shale, and sandstone with a Sandstone dominated formations of all ages substrate. The soil at this location is 'Rock outcrop-Vessilla-Menefee complex, 15 to 45 percent slopes' and is well drained and not hydric with not rated erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 8.1 miles to the northeast as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

Regional Hydrogeological context:

The San Jose Formation of Eocene age occurs in New Mexico and Colorado, and its outcrop forms the land surface over much of the eastern half of the central basin. It overlies the Nacimiento Formation in the area generally south of the Colorado-New Mexico State line and overlies the Animas Formation in the area generally north of the State line. The San Jose Formation was deposited in various fluvial-type environments. In general, the unit consists of an interbedded sequence of sandstone, siltstone, and variegated shale. Thickness of the San Jose Formation generally increases from west to east (200 feet in the west and south to almost 2,700 feet in the center of the structural basin). Ground water is associated with alluvial and fluvial sandstone aquifers. Thus, the occurrence of ground water is mainly controlled by the distribution of sandstone in the formation. The distribution of such sandstone is the result of original depositional extent plus any post-depositional modifications, namely erosion and structural deformation. Transmissivity data for San Jose Formation are minimal. Values of 40 and 120 feet squared per day were determined from two aquifer tests (Stone et al, 1983, table 5). The reported or measured discharge from 46 water wells completed in San Jose Formation ranges from 0.15 to 61 gallons per minute and the median is 5 gallons per minute. Most of the wells provide water for livestock and domestic use. The San Jose Formation is a very suitable unit for recharge from precipitation because soils that form on the unit are sandy and highly permeable and therefore readily adsorb precipitation. However, low annual precipitation, relatively high transpiration and evaporation rates, and deep dissection of the San Jose Formation by the San Juan River and its tributaries all tend to reduce the effective recharge to the unit.

Stone et al., 1983, Hydrogeology and Water Resources of the San Juan Basin, New Mexico: Socorro, New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p.

Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Design and Construction

Relaw Grade L.

In accordance with NMAC 19.15.17 the following information describes the design and construction of below grade tanks on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all below grade tanks (BGT). A separate plan will be submitted for any BGT which does not conform to this plan.

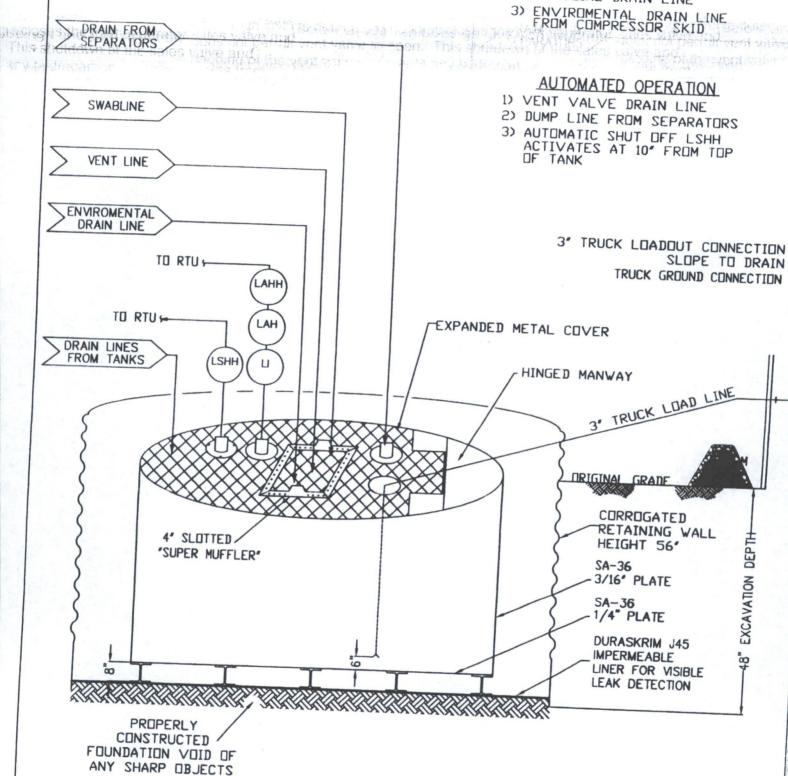
General Plan:

- BR will design and construct a properly sized and approved BGT which will contain liquids and should prevent contamination of fresh water to protect the public health and environment.
- BR signage will comply with 19.15.3.103 NMAC when BR is the operator. If BR is not the operator it will comply with 19.15.17.11NMAC. BR includes Emergency Contact information on all signage.
- 3. BR has approval to use alternative fencing that provides better protection. BR constructs fencing around the BGT using 4 foot hog wire fencing topped with two strands of barbed wire, or with a pipe top rail. A six foot chain link fence topped with three strands of barbed wire will be use if the well location is within 1000 feet of permanent residence, school, hospital, institution or church. BR ensures that all gates associated with the fence are closed and locked when responsible personnel are not onsite.
- 4. BR will construct a screened, expanded metal covering, on the top of the BGT.
- BR shall ensure that a below-grade tank is constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- The BR below-grade tank system shall have a properly constructed foundation
 consisting of a level base free of rocks, debris, sharp edges or irregularities to
 prevent punctures, cracks or indentations of the liner or tank bottom as shown on
 design drawing.
- 7. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a below-grade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 8. BR will construct and use a below-grade tank that does not have double walls. The below-grade tank's side walls will be open for visual inspection for leaks, the below-grade tank's bottom is elevated a minimum of six inches above the underlying ground surface and the below-grade tank is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

- 9. BR has equipped the below-grade tanks with the ability to detect high level in the tank and provide alarm notification and shutdown process streams into the tank. Once high level is detected RTU logic closes the inlet separator sales valve and does not permit vent valve to open. This shutdown of the sales valve and Design and Construction gagging of the vent valves prevents any hydrocarbon process streams from entering the pit tank once a high level is detected. Furthermore, an electronic page is sent to the BR MSO for that well site and to the designated contract "Water-Hauling" Company indicating a high level and that action must be taken to address this alarm. The environmental drain line from BR's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by normal operating procedures is in the closed position. The tank drain line is also a manually operated drain and during normal operations it is in the closed position.
 - 10. The geomembrane liner consists of a 45-mil flexible LLDPE material manufactured by Raven Industries as J45BB. This product is a four layer reinforced laminated containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 standard by 10%. J45BB has a warranty for 20 years from Raven Industries and is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial applications. The manufacture specific sheet is attached and the design attached displays the proper installation of the liner.
 - The general specification for design and construction are attached in the BR document.

MANUAL OPERATION

- 1) PRODUCTION TANKS DRAINLINE
- 2) SWABLINE DRAIN LINE



ConocoPhillips

San Juan Business Unit

PRODUCED WATER PIT TANK OPEN TOP GRAVITY FLOW TANK INTERNALLY COATED WITH 12-14 MILS AMERON AMERCOAT 385

PROPERTIES	TEST METHOD	the team of	130BB		36BE	J4		
Approprie		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Rol Averages	the state of the s	Typical Ro	
Appearance		Bla	ck/Black	Bla	ck/Black		Averages	
Thickness	ASTM D 5199	27 mil	30 mil	32 mil		-	ck/Black	
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs	36 mil	40 mil	45 mil	
Construction				(21.74)	(24.19)	(27.21)	(30.24)	
Ply Adhesion	ASTM D 413	10.11	trusion laminate	d with encapsu	lated tri-directio	nal scrim reinfo	rcement	
71	7011110413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs	
1" Tensile Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD	
1* Tensile Elongation @ Break % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD	550 MD	750 MD	
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD	
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD	
Grab Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD	
Trapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD 191 lbf DD	
Dimensional Stability	ASTM D 1204	<1	<0.5	<1			191 Ibi DD	
uncture Resistance	ASTM D 4833	50 lbf	64 lbf		<0.5	<1	<0.5	
faximum Use Temperature				65 lbf	83 lbf	80 lbf	99 lbf	
linimum Use Temperature		180° F	180° F					
) = Machine Direction		-70° F	-70° F					

DD = Diagonal Directions



Note: Minimum Roll Averages are set to take into account product variability in addition to testing variability between laboratories.

*Dimensional Stability Maximum Value

**DURA-SKRIM J30BB, J36BB & J45BB are a four layer reinforced laminate containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. DURA-SKRIM J30BB, J36BB & J45BB are reinforced with a 1300 denier (minimum) tri-directional scrim

Note: PAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and

PLANT LOCATION

Sioux Falls, South Dakota

SALES OFFICE

P.O. Box 5107 Sioux Falls, SD 57117-5107 (605) 335-0174 (605) 331-0333 FAX 800-635-3456

08/06

RAVEN INDUSTRIES

RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

Raven Industries Inc. warrants Dura-Skrim J30BB, J36BB, and J45BB to be free from manufacturing defects and to be able to withstand normal exposure to sunlight for a period of 20 years from the date of sale for normal use in approved applications in the U S and Canada, excluding Hawaii. This warranty is effective for products sold and shipped from January 1, 2008 to December 31, 2008. These dates will be updated prior to December 31, 2008.

This Limited Warranty does not include damages or defects in the Raven geomembrane resulting from acts of God, casualty or catastrophe including but not limited to: earthquakes, floods, piercing hail, or tornadoes. The term "normal use" as used herein does not include, among other things improper handling during transportation, unloading, storage or installation, the exposure of Raven geomembranes to harmful chemicals, atypical atmospheric conditions, abuse of Raven geomembranes by machinery, equipment or people; improper site preparation or covering materials, excessive pressures or stresses from any source or improper application or installation. Raven geomembrane material warranty is intended for commercial use only and is not in effect for the consumer as defined in the Magnuson Moss Warranty or any similar federal, state, or local statues. The parties expressly agree that the sale hereunder is for commercial or industrial use only.

Should defects or premature loss of use within the scope of the above Limited Warranty occur, Raven Industries Inc. will, at its option, repair or replace the Raven geomembrane on a pro-rata basis at the then current price in such manner as to charge the Purchaser/User only for that portion of the warranted life which has elapsed since purchase of the material. Raven Industries Inc. will have the right to inspect and determine the cause of any alleged defect in the Raven geomembrane and to take appropriate steps to repair or replace the Raven geomembrane if a defect exists which is covered under this warranty. This Limited Warranty extends only to Raven's geomembrane, and does not extend to the installation service of third parties nor does it extend to materials furnished or installed by others in connection with the intended use of the Raven geomembranes.

Any claim for any alleged breach of this warranty must be made in writing, by certified mail, to the General Manager of Engineered Films Division of Raven Industries Inc. within ten (10) days of becoming aware of the alleged defect. Should the required notice not be given, the defect and all warranties are waived by the Purchaser, and Purchaser shall not have any rights under this warranty. Raven Industries Inc. shall not be obligated to perform repairs or replacements under this warranty unless and until the area to be repaired or replaced is clean, dry, and unencumbered. This includes, but is not limited to, the area made available for repair and/or replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is determined that there is no claim under this Limited Warranty, Purchaser shall reimburse Raven Industries Inc. for its costs associated with the site inspection.

In the event the exclusive remedy provided herein fails in its essential purpose, and in that event only, the Purchaser shall be entitled to a return of the purchase price for so much of the material as Raven Industries Inc. determines to have violated the warranty provided herein. Raven Industries Inc. shall not be liable for direct, indirect, special, consequential or incidental damages resulting from a breach of this warranty including, but not limited to, damages for loss of production, lost profits, personal injury or property damage. Raven Industries Inc. shall not be obligated to reimburse Purchaser for any repairs, replacement, modifications or alterations made by Purchaser unless Raven Industries Inc. specifically authorized, in writing, said repairs, replacements, modifications or alteration in advance of them having been made. Raven Industry's liability under this warranty shall in no event exceed the replacement cost of the material sold to the Purchaser for the particular installation in which it failed.

Raven Industries Inc. neither assumes nor authorizes any person other than the undersigned of Raven Industries Inc. to assume for it any other or additional liability in connection with the Raven geomembrane made on the basis of the Limited Warranty. The Limited Warranty on the Raven geomembrane herein is given in lieu of all other possible material warranties, either expressed or implied, and by accepting delivery of the material; Purchaser waives all other possible warranties, except those specifically given. This Limited Warranty may only be modified by written document mutually executed by Owner and Raven Industries Inc.

Limited Warranty is extended to the purchaser/owner and is non-transferable and non-assignable; i.e., there are no third-party beneficiaries to this warranty.

Purchaser acknowledges by acceptance that the Limited Warranty given herein is accepted in preference to any and other possible materials warranties.

THIS LIMITED WARRANTY SHALL BE GOVERNED BY SOUTH DAKOTA LAW AND VENUE FOR ALL LEGAL PROCEEDINGS IN CONNECTION WITH THIS LIMITED WARRANTY SHALL BE IN MINNEHAHA COUNTY, SOUTH DAKOTA. RAVEN INDUSTRIES INC. MAKES NO WARRANTY OF ANY KIND OTHER THAN THAT GIVEN ABOVE AND HEREBY DISCLAIMS ALL WARRANTIES, BOTH EXPRESSED OR IMPLIED, OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS IS THE ONLY WARRANTY THAT APPLIES TO THE MATERIALS REFERRED TO HEREIN AND RAVEN INDUSTRIES INC. DISCLAIMS ANY LIABILITY FOR ANY WARRANTIES GIVEN BY ANY OTHER PERSON OR ENTITY, EITHER WRITTEN OR ORAL.

RAVEN INDUSTRIES' WARRANTY BECOMES AN OBLIGATION OF RAVEN INDUSTRIES INC. TO PERFORM UNDER THE WARRANTY ONLY UPON RECEIPT OF FINAL PAYMENT AND EXECUTION BY A DULY AUTHORIZED OFFICER OF RAVEN INDUSTRIES INC.

Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Maintenance and Operating Plan

In accordance with Rule 19.15.17 the following information describes the operation and maintenance of Below Grade Tank (BGT) on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all BGT. A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- BR will operate and maintain a BGT to contain liquids and solids and maintain
 the integrity of the liner, liner system and secondary containment system to
 prevent contamination of fresh water and protect public health and environment.
 BR will accomplish this by performing an inspection on a monthly basis, installing
 cathodic protection, and automatic overflow shutoff devices as seen on the
 design plan.
- 2. BR will not discharge into or store any hazardous waste in the BGT.
- 3. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a belowgrade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 4. As per 19.17.15.12 Subsection D, Paragraph 3, BR will inspect the below-grade tank at least monthly reviewing several items which include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. In addition, BR's multi-skilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, BR shall remove any visible or measurable layer of oil from the fluid surface of a below-grade tank in an effort to prevent significant accumulation of oil overtime. The written record of the monthly inspections will include the items listed above and will be maintained for five years.
- BR shall require and maintain a 10" adequate freeboard to prevent overtopping of the below-grade tank.
- 6. If the below grade tank develops a leak, or if any penetration of the pit liner or below grade tank, occurs below the liquid's surface, then BR shall remove all liquid above the damage or leak line within 48 hours. BR shall notify the appropriate district office. BR shall repair or replace the pit liner or below grade tank, within 48 hours of discovery. If the below grade tank or pit liner does not demonstrate integrity, BR shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. BR shall notify the appropriate district office of a discovery of leaks less than 25 barrels as required pursuant to Subsection B of 19.15.3.116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1), and Subparagraph (d) of 19.15.3.116 NMAC shall be reported to the division's Environmental Bureau Chief.

Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Closure Plan

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of Below Grade Tanks (BGTs) on Burlington Resources Oil & Gas Company, LP locations hereinafter known as BR locations. This is BR's standard procedure for all BGTs. A separate plan will be submitted for any BGT which does not conform to this plan.

General Requirements:

- 1. BR shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if NMAC; b) permitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 tank's operation., or c) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, BR will file
- 2. BR shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.
- 3. BR will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. Documentation of how the below-grade tank was disposed of or recycled will be provided in the closure report.
- If there is any on-site equipment associated with a below-grade tank, then BR shall remove the equipment, unless the equipment is required for some other purpose.
- 5. BR shall test the soils beneath the below-grade tank to determine whether a release has occurred. BR shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyze for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2 mg/kg; or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater.
- If BR or the division determines that a release has occurred, then BR shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

- 7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then BR shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- 8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week 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.
- The surface owner shall be notified of BR's closing of the below-grade tank prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 10. 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 re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 11. 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 stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private 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. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. BR will repeat seeding or planting will be continued until successful vegetative growth occurs.
- 12. 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.
- 13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the belowgrade tank. Closure report will be filed on C-144 and incorporate the following:
 - Soil Backfilling and Cover Installation
 - Re-vegetation application rates and seeding techniques
 - Photo documentation of the site reclamation
 - Confirmation Sampling Results
 - Proof of closure notice

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 47745

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	47745
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

QUESTIONS

Facility and Ground Water						
Please answer as many of these questions as possible in this group. More information will help us identify the appropriate associations in the system.						
Facility or Site Name	Not answered.					
Facility ID (f#), if known	Not answered.					
Facility Type	Below Grade Tank - (BGT)					
Well Name, include well number	Not answered.					
Well API, if associated with a well	Not answered.					
Pit / Tank Type	Not answered.					
Pit / Tank Name or Identifier	Not answered.					
Pit / Tank Opened Date, if known	Not answered.					
Pit / Tank Dimensions, Length (ft)	Not answered.					
Pit / Tank Dimensions, Width or Diameter (ft)	Not answered.					
Pit / Tank Dimensions, Depth (ft)	Not answered.					
Ground Water Depth (ft)	Not answered.					
Ground Water Impact	Not answered.					
Ground Water Quality (TDS)	Not answered.					

Below-Grade Tank		
Subsection I of 19.15.17.11 NMAC		
Volume / Capacity (bbls)	Not answered.	
Type of Fluid	Not answered.	
Pit / Tank Construction Material	Not answered.	
Secondary containment with leak detection	Not answered.	
Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	Not answered.	
Visible sidewalls and liner	Not answered.	
Visible sidewalls only	Not answered.	
Tank installed prior to June 18. 2008	Not answered.	
Other, Visible Notation. Please specify	Not answered.	
Liner Thickness (mil)	Not answered.	
HDPE (Liner Type)	Not answered.	
PVC (Liner Type)	Not answered.	
Other, Liner Type. Please specify (Variance Required)	Not answered.	

Fencing	
Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, 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)	Not answered.
Four foot height, four strands of barbed wire evenly spaced between one and four feet	Not answered.
Alternate, Fencing. Please specify (Variance Required)	Not answered.

Netting		
Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)		
Screen	Not answered.	
Netting	Not answered.	
Other, Netting. Please specify (Variance May Be Needed)	Not answered.	

Signs

Subsection C of 19.15.17.11 NMAC (If there are multiple operators at a site, each operator must have their own sign in compliance with Subsection C of 19.15.17.11 NMAC.)

12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	Not answered.
Signed in compliance with 19.15.16.8 NMAC	Not answered.

Variances and Exceptions Justifications and/or demonstrations ofequivalency 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:	
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	Not answered.

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. Siting criteria does not apply to drying pads or above-grade tanks.

Siting Criteria, General Siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank	Not answered.
NM Office of the State Engineer - iWATERS database search	Not answered.
USGS	Not answered.
Data obtained from nearby wells	Not answered.

Siting Criteria, Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lakebed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark)	Not answered.
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption	Not answered.

Proposed Closure Method	
Below-grade Tank	Below Grade Tank - (BGT)
Waste Excavation and Removal	Not answered.
Alternate Closure Method. Please specify (Variance Required)	Not answered.

Operator Application Certification	
Registered / Signature Date	Not answered.

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ACKNOWLEDGMENTS

Action 47745

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	47745
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

ACKNOWLEDGMENTS

<u>~</u>	I acknowledge that I have received prior approval from the OCD to submit documentation of a legacy below-grade tank on behalf of my operator.
V	I hereby certify that the information submitted with this documentation is true, accurate and complete to the best of my knowledge and belief.

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CONDITIONS

Action 47745

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Operator:	OGRID:
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CONDITIONS

Created By	Condition	Condition Date
cwhitehead	None	9/14/2021