District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Ave., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy Minerals and Natural Resources

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

Form C-144 July 21, 2008

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

For permanent pits and exceptions submit to the Santa Fe

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505			Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.					
	Pit, Closed-Loop System,	Below-Grade	Tank, or					
Propose	ed Alternative Method Pern							
Type of action:	X Permit of a pit, closed-loop system	m, below-grade tank	x, or proposed alternative method					
Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method								
BGT 1								
	Closure plan only submitted for an below-grade tank, or proposed alto	n existing permitted	or non-permitted pit, closed-loop system,					
Instructions: Please submit one an			ystem, below-grade tank or alternative request					
Please be advised that approval of	this request does not relieve the operator of liability	ity should operations resul	t in pollution of surface water, ground water or the ernmental authority's rules, regulations or ordinances.					
Operator: Burlington Resources Oil			GRID#: <u>14538</u>					
Address: PO Box 4289, Farmington								
Facility or well name: HUERFANIT	O UNIT 167							
API Number: 30	004527161 00	CD Permit Number:						
U/L or Qtr/Qtr: A Section	n: 2 Township: 26N	Range: 9W	County: San Juan					
Center of Proposed Design: Latitude:		Longitude:	-107.75181°W NAD: X 1927 1983					
Surface Owner: Federal	X State Private Triba	al Trust or Indian A	llotment					
Lined Unlined Line String-Reinforced	vitation P&A er type: Thickness mil tory Other		PE PVC Other					
Type of Operation: P&A	notice of intent) I Steel Tanks Haul-off Bins ype: Thickness mil)	vities which require prior approval of a permit or E PVD Other					
X Below-grade tank: Subsection I of Volume: 120 bbl. Tank Construction material: Secondary containment with leak dete Visible sidewalls and liner Liner Type: Thickness	Type of fluid: Produced Wate Metal	inch lift and automat	ic overflow shut-off					
Alternative Method:			tal Bureau office for consideration of approval					

Form C-144

Oil Conservation Division

ived by OCD: 10/5/2021 1:53:09 PM		Page 2
Fencing: Subsection D of 19.15.17.11 NMAC (As 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 [Feet to a second seco	l, institution or	church)
X Alternate. Please specify 4' hog wire fencing topped with two strands barbed wire.		
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) X Screen Other Monthly inspections (If netting or screening is not physically feasible)		
Signs: Subsection C of 19.15.17.11 NMAC 12" X 24". 2" lettering, providing Operator's name, site location, and emergency telephone numbers		
X Signed in compliance with 19.15.3.103 NMAC		
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for c (Fencing/BGT Liner)	consideration of	approval.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.		
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system. Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.	│ □Yes	X No
- 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	XNo
- 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	XNo
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□NA	
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes XNA	No
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	XNo
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.		
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes	XNo
 Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	Yes	XNo
Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes	XNo
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	Yes	XNo
Society; Topographic map Within a 100-year floodplain - FEMA map	Yes	XNo

Temporary Pits, Emerge	ency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC						
personal desired	llowing items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.						
	port (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC						
· · · · · · · · · · · · · · · · · · ·	ta (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9						
X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC X Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC							
p-mg	intenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC						
X Closure Plan (Pleas 19.15.17.9 NMAC	se complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of and 19.15.17.13 NMAC						
Previously Approved D	Design (attach copy of design) API or Permit						
Instructions: Each of the foll	rmit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC lowing items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached, ogcologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9						
p-mag	appliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC						
	d upon the appropriate requirements of 19.15.17.11 NMAC						
	ntenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC						
Closure Plan (Pleas NMAC and 19.15.1	se complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 17.13 NMAC						
Previously Approved D	Design (attach copy of design) API						
Previously Approved O	Operating and Maintenance Plan API						
Structions: Each of the fol Hydrogeologic Repel Siting Criteria Com Climatological Factor Dike Protection and Leak Detection Desil Liner Specifications Quality Control/Qual Operating and Main Freeboard and Overt Nuisance or Hazardo Emergency Respons Oil Field Waste Stre Monitoring and Insp Erosion Control Plan	In Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC It Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC It is an appropriate requirements of 19.15.17.12 NMAC It is a requirement of 19.15.17.12 NMAC It is a requirement of 19.15.17.11 NMAC It is						
Closure Flati - based	I upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC						
oposed Closure: 19.15.							
	e the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.						
pe: Drilling Wo	orkover Emergency Cavitation P&A Permanent Pit X Below-grade Tank Closed-loop System						
Alternative	Wasta Executation and Parmarel (Polar Cond. M. 1)						
posed 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						
	[1] 이용 사용						
	Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)						
aste Excavation and Re	moval Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan						
	ark in the box, that the documents are attached.						
	lures - based upon the appropriate requirements of 19.15.17.13 NMAC						
	ing Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC						
	me and Permit Number (for liquids, drilling fluids and drill cuttings)						
	ver Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC						
	based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC						
X Site Reclamation Plan	n - 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 Stellinstructions: Please identify the facility or facilities for the disposal of liquids, drilling are required.	el Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC fluids and drill cuttings. Use attachment if more than tw	e) o facilities
Disposal Facility Name:	Disposal Facility Pormit #.	
Disposal Facility Name:	Disposal Facility Perint #:	
Will any of the proposed closed-loop system operations and associated activitie Yes (If yes, please provide the information No	Disposal Facility Permit #: s occur on or in areas that will not be used for future	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 Plan - based upon the ap	tion I of 19.15.17.13 NMAC	AC
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMAC histructions: Each siting criteria requires a demonstration of compliance in the closure plan. R certain string criteria may require administrative approval from the appropriate district office of for consideration of approval. Justifications and/or demonstrations of equivalency are required.	ecommendations of acceptable source material are provided be	olow. Requests regarding changes to the Santa Fe Environmental Bureau office
Ground water is less than 50 feet below the bottom of the buried waste.		Yes No
NM Office of the State Engineer - (WATERS database search: USGS: Data obtain	ned from nearby wells	N/A
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 obtain	ned from peorby wells	Yes No
	icd from hearby wells	□ N/A
Ground water is more than 100 feet below the bottom of the buried waste.		Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtain		□N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significa (measured from the ordinary high-water mark).	nt watercourse or 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 ex Visual inspection (certification) of the proposed site; Aerial photo; satellite image	istence at the time of initial application.	Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existeneus NM Office of the State Engineer - iWATERS database; Visual inspection (certification)	ce at the time of the initial!	Yes No
Within incorporated municipal boundaries or within a defined municipal fresh water well pursuant to NMSA 1978, Section 3-27-3, as amended.	field covered under a municipal ordinance adopted	Yes No
 Written confirmation or verification from the municipality; Written approval obtains Within 500 feet of a wetland 	ed from the municipality	
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspects		Yes No
Within the area overlying a subsurface mine.	ion (certification) of the proposed site	
Written confiramtion or verification or map from the NM EMNRD-Mining and Mine	eral Division	Yes No
Within an unstable area.	S. C.	П., П.,
Engineering measures incorporated into the design; NM Bureau of Geology & Miner. Topographic map	al Resources; USGS; NM Geological Society;	∐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 by a check mark in the box, that the documents are attached.	he following items must bee attached to the closure	plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropriate req	6.0.15.1	
Proof of Surface Owner Notice - based upon the appropriate requirements of	f Subspection F = 640.15.17.10 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upon the	Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upon the ap	peropriate requirements of 19.15.17.11 NMAC	
Construction/Design Plan of Temporary Pit (for in place burial of a drying particle Protocols and Procedures - based upon the appropriate requirements of 19.15	ad) - based upon the appropriate requirements of 19.	15.17.11 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.1:	5.17.13 NMAC	
Confirmation Sampling Plan (if applicable) - based upon the appropriate requ	ulrements of Subsection F of 19.15.17.13 NMAC	
Waste Material Sampling Plan - based upon the appropriate requirements of	Subsection F of 19.15.17.13 NMAC	
Disposal Facility Name and Permit Number (for liquids, drilling fluids and dr	rill cuttings or in case on-site closure standards cannot	ot be achieved)
Soil Cover Design - based upon the appropriate requirements of Subsection F Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection	H of 19.15.17.13 NMAC Lof 19.15.17.13 NMAC	
and appropriate requirements of Subsection	on G of 19.15.17.13 NMAC	

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19					
	ation Certification:				
I hereby certify that	the information submi	tted with this application is true	, accurate and complete to the	best of my knowledge and belief.	
Name (Print):		Crystal Tafoya	Title:	Regulatory Technician	
Signature:	Crysta	Daloya	Date:	12/22/2008	
e-mail address:		foya @conocophillips.com	Telephone:	505-326-9837	
				303-320-9331	
20	[\ \		_		
OCD Approval:	Permit Applicat	ion (including closure plan)	Closure Plan (only)	OCD Conditions (see att	achment)
OCD Representa	tive Signature:	CRWhiteho	ad.		October 15, 2021
		- Comment	uu	Approval Date:	October 15, 2021
Title: Env	ironmental Spe	ecialist	OCD Perm	it Number: BGT 1	
21				2 3 4 9	
	equired within 60	loug of alaman and all as			
mstructions. Operati	ors are required to obt	lays of closure completion):	for to implementing and down	re activities and submitting the cla	
		in a million de days of the com	Wellon of the closure activities	Please do not complete this sec	tion of the form until an
approved closure pla	in has been obtained a	nd the closure activities have be	en completed.		, , , , , , , , , , , , , , , , , , ,
			Closure	Completion Date:	
22					
Closure Method:					
Waste Excav	ation and Removal	On-site Closure Method	d Alternative Closure N	Method	Closed-loop systems only)
If different fr	om approved plan, plea	ase explain.		(C	losed-loop systems only)
23					
Closure Report Reg	arding Waste Remova	d Closure For Closed-loop Sys	tems That I tilize Above Cree	und Steel Tanks or Haul-off Bin	
Instructions: Please	identify the facility or	facilities for where the liquids,	drilling fluids and drill cutting	gs were disposed. Use attachmen	s Only:
					a if more than two facilities
Disposal Facility N			Disposal Facility P		
Disposal Facility N	-		Disposal Facility Po	ermit Number:	
Yes (If yes, pl	ease demonstrate com	olilane to the items below)		be used for future service and ope	eartions?
		ot be used for future service and	∐No		
Site Reclamati	ion (Photo Documental	tion)	operations:		
Soil Backfillin	g and Cover Installation	on			
Re-vegetation	Application Rates and	Seeding Technique			
24					
Closure Report	Attachment Checkli	st: Instructions: Each of the fe	ollowing items must be attache	ed to the closure report. Please i	ndigata ku a skost soot i
				a so me closure report. I leuse l	naicaie, by a check mark in
Proof of Close	ure Notice (surface o	wner and division)			
	Notice (required for				
	on-site closures and				
		Results (if applicable)			
		al Results (if applicable)			
	lity Name and Permit				
	ig and Cover Installat				
		d Seeding Technique			
	ion (Photo Document				
On-site Closur	e Location: Latitu	ide:	Longitude:	NAD	27 1983
25 Operator Closure Co	ortificati			100	
		mante culmina da istata			
the closure complies wit	h all applicable closur	e requirements and conditions s	re report is ture, accurate and o	complete to the best of my knowle	dge and belief. I also certify that
		4 Grad Ciridani(MS S	pecifica in the approved closur	e pia n .	
Name (Print):			Title:		
Signature:			Data		
			Date:		
e-mail address:			Telephone:		

Form C-144

Oil Conservation Division

Pige 5 of 5

New Mexico Office of the State Engineer POD Reports and Downloads

Township: 26N Range	e: 09W Sections:	
NAD27 X: Y:	Zone: Sear	rch 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	Form iWATERS Menu Help	1

WATER COLUMN REPORT 08/20/2008

							smallest)			Depth	Depth	Water (in
POD Number	Tws	Rng	Sec	q	q	q	Zone	x	Y	Well	Water	Column
SJ 02961	26N	09W	01	2	2	3				1500		
SJ 02962	26N	09W	01	3	2	3				1500		
SJ 01756	26N	09W	11	2	2	3				75	40	35
SJ 03811 POD1	26N	09W	12	3	3	3				348	175	173
SJ 00412	26N	09W	16	4	2					202	65	137
SJ 00214	26N	09W	26	2	4	2				946	230	716

490

479

215

234

275

245

Record Count: 8

SJ 00064

SJ 00063

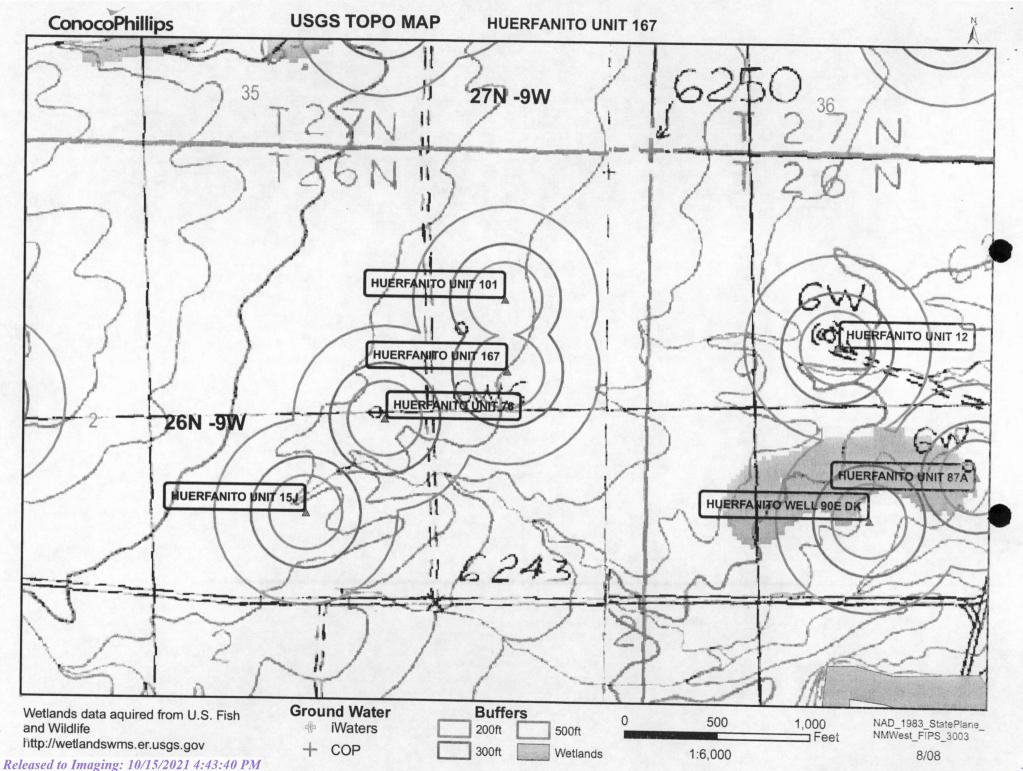
26N 09W 26 4 2 1

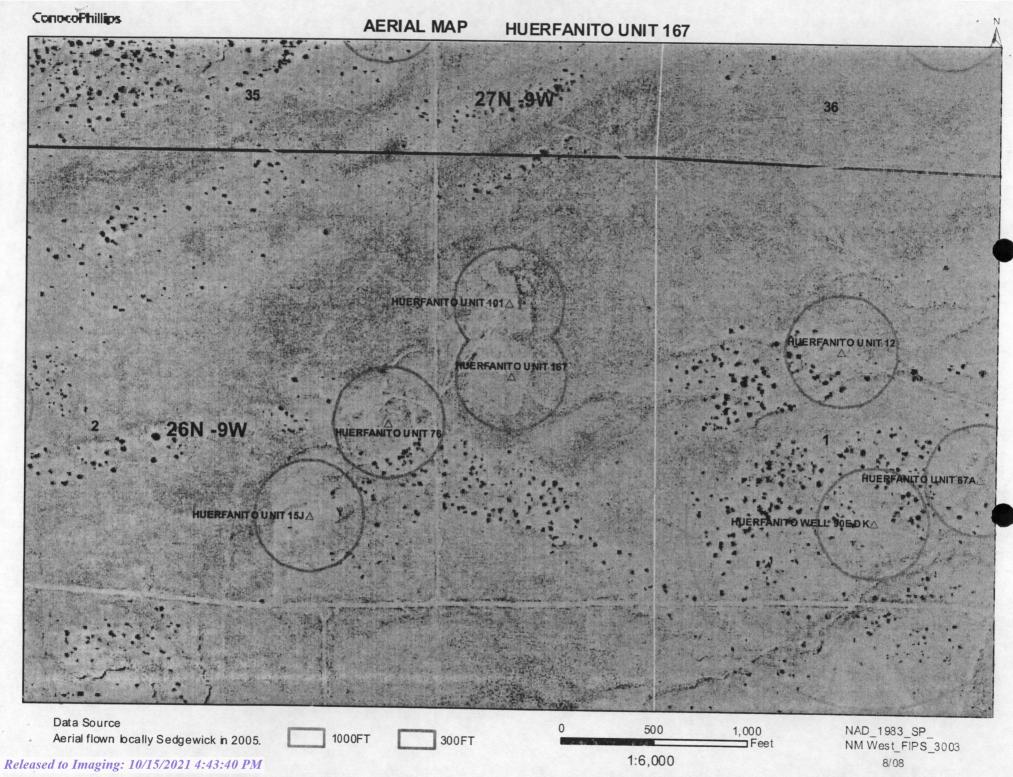
26N 09W 26 4 2 3

New Mexico Office of the State Engineer POD Reports and Downloads

To	ownship: 27N Range	: 09W Sections:					
NAD	27 X: Y:	Zone:	Sea	rch Radiu	ıs:		
County:	Basin:		Number:		Suffix:		
Owner Name: (First)	(Last)	C Non-	-Domestic	e C Dom	estic •	All
POD / Su	rface Data Report	Avg Depth to Water	er Report	Wat	ter Column	Report	
	Clear F	Form iWATERS N	1enu Help	0]			
POD Number	(quarters are 1=NW (quarters are bigg Tws Rng Sec o	gest to smallest)	ORT 08/21/2	Depth	Depth Water	Water	(in

No Records found, try again

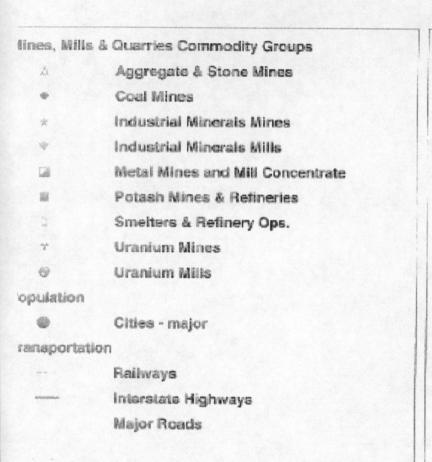


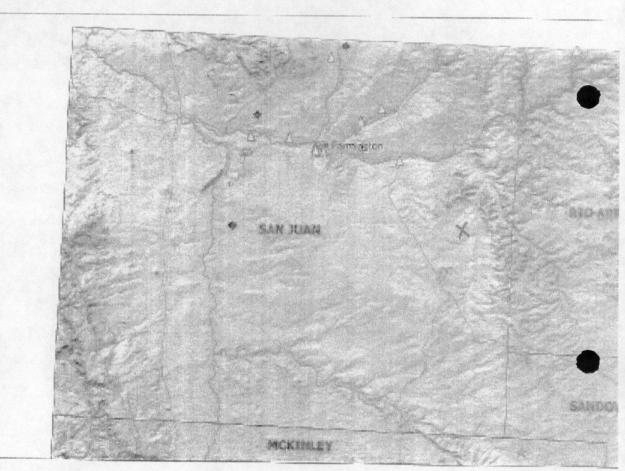


Mines, Mills and Quarries Web Map

HUERFANITO UNIT 167

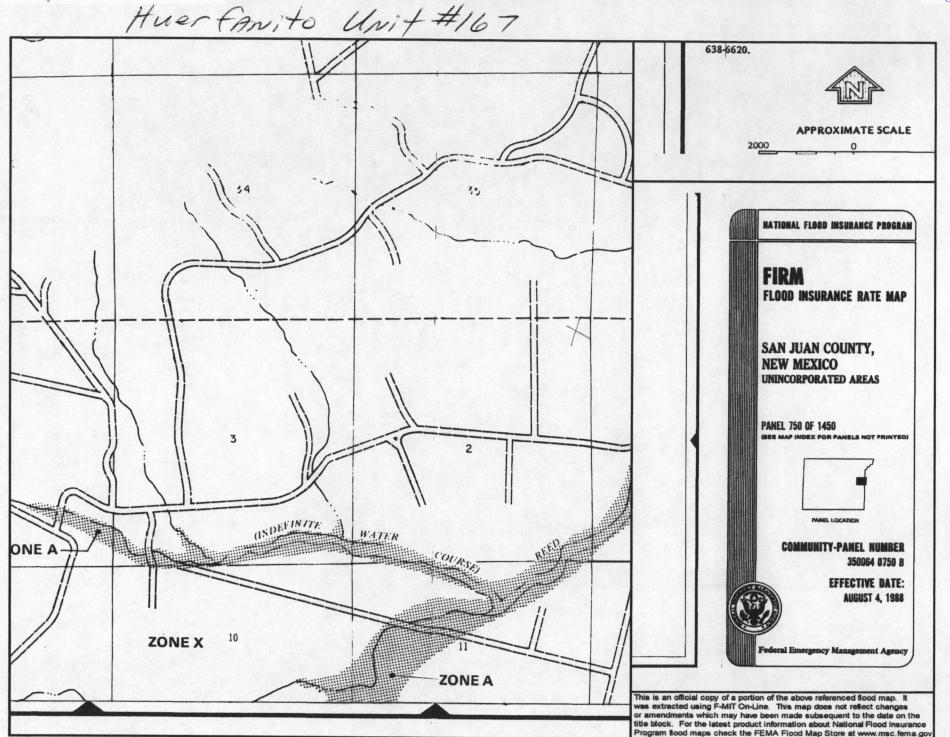
Unit Letter: A, Section: 02, Town: 026N, Range: 009W











HUERFANITO UNIT 167

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'HUERFANITO UNIT 167', which is located at 36.52101 degree North latitude and 107.75181 degrees West longitude. This location is located on the Huerfanito Peak 7.5' USGS topographic quadrangle. This location is in section 2 of Township 26 North Range 9 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in San Juan County, New Mexico. The nearest town is Blanco, located 14.6 miles to the north. The nearest large town (population greater than 10,000) is Farmington, located 29.2 miles to the northwest (National Atlas). The nearest highway is US Highway 550, located 9.2 miles to the southwest. The location is on State land and is 575 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Blanco Canyon. New Mexico, Sub-basin. This location is located 1913 meters or 6274 feet above sea level and receives 10 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Semi-Desert Shrub Steppe as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 171 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 601 feet to the northeast and is classified by the USGS as an intermittent stream. The nearest perennial stream is 3,794 feet to the south. The nearest water body is 3,935 feet to the southwest. It is classified by the USGS as an intermittent lake and is 0.6 acres in size. The nearest spring is 25,176 feet to the north. 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 3,266 feet to the southeast. The nearest wetland is a 1,541.8 acre Ravine located 2,204 feet to the southeast. The slope at this location is 1 degree to the southeast 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 NACIMIENTO FORMATION-Shale and sandstone with a Shale dominated formations of all ages substrate. The soil at this location is 'Doak-Sheppard-Shiprock association, rolling' and is well drained and not hydric with moderate erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 23.5 miles to the south as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

Regional Geological context:

The Nacimiento Formation is of Paleocene age (Baltz, 1967, p. 35). It crops out in a broad band inside the southern and western margins of the central basin and in a narrow band along the west face of the Nacimiento Uplift. The Nacimiento is a nonresistant unit and typically erodes to low, rounded hills or forms badland topography.

The Nacimiento Formation occurs in approximately only the southern two-thirds of the San Juan Basin where it conformably overlies and intertongues with the Ojo Alamo Sandstone (Fassett, 1974, p. 229). The Nacimiento Formation grades laterally into the main part of the Animas Formation (Fassett and Hinds, 1971, p. 34); thus, in this area, the two formations occupy the same stratigraphic interval. Strata of the Nacimiento Formation were deposited in lakebeds in the central basin area with lesser deposition in stream channels (Brimhall, 1973, p. 201). In general, the Nacimiento consists of drab, interbedded black and gray shale with discontinuous, white, medium- to very coarse grained arkosic sandstone (Stone e al., 1983, p.30). Stone et al. indicated that the formation may contain more sandstone than commonly reported because some investigators assume the slope-forming strata in the unit area shales, whereas in many places the strata actually are poorly consolidated sandstones.

Total thickness of the Nacimiento Formation ranges from about 500 to 1,300 feet. The unit generally thickens from the basin margins toward the basin center (Steven et al., 1974). The sandstone deposits within the Nacimiento Formation are much thinner than the total thickness of the formation because their environment of deposition was localized stream channels (Brimhall, 1973, p. 201). The thickness of the combined San Jose, Animas, and Nacimiento Formations ranges from 500 to more than 3.500 feet.

Hydraulic Properties:

Reported well yields for 53 wells completed in either the Animas or Nacimiento Formations range from 2 to 90 gallons per minute and the median yield is 7.5 gallons per minute. The primary use of water from Nacimiento and Animas Formations is domestic and livestock supplies. There are no known aquifer tests for the Animas or Nacimiento Formations, but specific capacities reported for six wells range from 0.24 to 2.30 gallons per minute per foot of drawdown (Levings et al., 1990).

The Animas and Nacimiento Formations are in many ways hydrologically similar to the San Jose Formation because sands in both units produce approximately the same quantities of water. However, the greater percentage of fine materials in the Animas and Nacimiento Formations may restrict downward vertical leakage to the Ojo Alamo Sandstone or Kirtland Shale. The poorly cemented fine material is highly erodible, forms a badland terrain, and supports only spotty vegetation. These conditions are more conductive to runoff than retention of precipitation.

References:

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, east-central San Juan Basin, New Mexico: USGS Professional Paper 552, 101 p.

Brimhall, R.M., 1973, Ground-water hydrology of Tertiary rocks of the San Juan Basin, New Mexico, in Fassett, J.E., ed., Cretaceous and Tertiary rocks of the Southern Colorado Plateau: Four Corners Geological Society Memoir, p. 197-207.

Fassett, J.E., 1974, Cretaceous and Tertiary rocks of the eastern San Juan Basin, New Mexico and Colorado, in Guidebook of Ghost Ranch, central-northern New Mexico: New Mexico Geological Society, 25th Field Conference, p. 225-230.

Fassett, J.E., and Hinds, J.S., 1971, Geology and fuel resources of the Fruitland Formation and Kirtland Shale of the San Juan Basin, New Mexico and Colorado: USGS Professional Paper 676, 76 p. Levings, G.W., Craigg, S.d., Dam, W.L., Kernodle, J.M., and Thorn, C.R., 1990, Hydrogeology of the San Jose, Nacimiento, and Animas Formations in the San Juan structural basin, New Mexico, Colorado, Arizona, and Utah: USGS Hydrologic Investigations Atlas HA-720-A, 2 sheets.

Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., and Padgett, E.T., 1983, Hydrogeology and water resources of San Juan Basin, New Mexico: New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

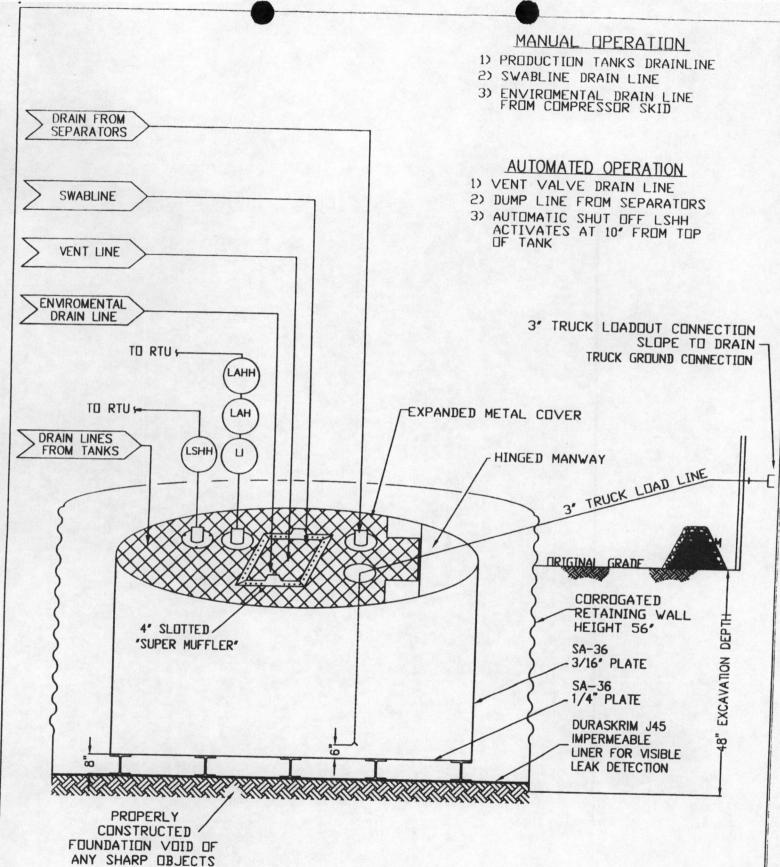
Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Design and Construction

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 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.
- 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 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.



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 METHO	The Calmin	130日日		36B B	Z. T. T. W.	45BB
Appearance	N. Comments	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Rol Averages	Min. Roll	Typical Rol
		Bla	ck/Black	Bla	ck/Black	Averages	Averages
Thickness	ASTM D 5199	27 mil	30 mil			Blac	ck/Black
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs	140 lbs	32 mil	36 mil	40 mil	45 mil
Construction		(18.14)	(20.16)	(21.74)	(24.19)	189 lbs (27.21)	210 lbs (30.24)
		**Ext	rusion laminate	d with encapsu	lated tri-directio	nal series sei 6	(30.24)
Ply Adhesion	ASTM D 413	16 lbs	20 lbs	19 lbs		The state of the s	rcement
1" Tensile Strength		88 lbf MD		13103	24 lbs	25 lbs	31 lbs
	ASTM D 7003	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 105 lbf DD
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 @		20.145		330 DD	750 DD	550 DD	750 DD
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
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	100 lbf MD	36 DD
Grab Tensile		400 11 444		73 101 00	92 lbf DD	100 lbf DD	118 lbf DD
Sidu Telisile	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
rapezoid 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	160 lbf MD	193 lbf MD
Dimensional Stability	ASTM D 1204	<1	<0.5		172 lbf DD	160 lbf DD	191 lbf DD
uncture Resistance	ASTM D 4833	50 lbf		<1	<0.5	<1	<0.5
faximum Use Temperature	7 1000		64 lbf	65 lbf	83 lbf	80 lbf	99 lbf
inimum Use Temperature		180° F	180° F				
= Machine Direction		-70° F	-70° F				



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: RAVEN 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 replacement of replaced is clean, dry, and unencumbered. This includes, but is not limited to, the area made available for repair and/or 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, nonwaste 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
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number
- 9. 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 54197

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	54197
	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.
Γ	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:		
Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.	Not answered.	
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.

iting 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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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**

ACKNOWLEDGMENTS

Action 54197

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	54197
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

ACKNOWLEDGMENTS

1	V ^s	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.	
]	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 54197

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Operator:	OGRID:	
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	Action Type:	
	[C-144] Legacy Below Grade Tank Plan (C-144LB)	

CONDITIONS

Created By	Condition	Condition Date
cwhitehead	None	10/15/2021