Received by OCD: 9/18/2021 10:27:12 AM 1625 N. French Dr., Hobbs, NM 88240

District II 1301 W. Grand Ave., Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

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	Tords
Proposed Alt	ernative Method Permit or Closure	e Plan Application
Type of action: X Per	nit of a pit, closed-loop system, below and	· · · · · · · · · · · · · · · · · · ·
Clo	mit of a pit, closed-loop system, below-grade tar	nk, or proposed alternative method
BGT 1	sure of a pit, closed-loop system, below-grade ta dification to an existing permit	ank, or proposed alternative method
belo	sure plan only submitted for an existing permitte w-grade tank, or proposed alternative method	ed or non-permitted pit, closed-loop system,
instructions: Please submit one application	(Form C-144) per individual pit closed les	system, below-grade tank or alternative request
Please be advised that approval of this reques environment. Nor does approval relieve the open	t does not relieve the operator of liability should operations resultor of its responsibility to comply with any other applicable and	ult in pollution of surface water, ground water or the
1	- Ty was any other applicable go	vernmental authority's rules, regulations or ordinances.
Operator: Burlington Resources Oil & Gas (Company, LP	OCDID."
Address: PO Box 4289, Farmington, NM 87	499	JGRID#: 14538
Facility or well name: HUBBELL 5		
API Number: 300450823	OCD Permit Number:	
U/L or Qtr/Qtr: N Section: 17		W Country C Y
Center of Proposed Design: Latitude:	36 721900N	San Juan
Surface Owner: Federal Sta		
Pit: Subsection F or G of 19.15.17.11 NMAC		
Temporary: Drilling Workover		
Permanent Emergency Cavitation	□P&A	
Lined Unlined Liner type:	Thickness	
String-Reinforced	mil LLDPE HDI	PE PVC Other
Liner Seams: Welded Factory	Other Volume	
	Other bb	Dimensions Lx Wx D
Closed-loop System: Subsection H of 19.1	5 17 11 NMAC	
Type of Operation: P&A Drilling a n		
	notice of intent)	rities which require prior approval of a permit or
Drying Pad Above Ground Steel Tank Lined Unlined Lines type: To	s Haul-off Bins Other	
Lines Co. The Co. The Co.	nickness milLLDPEHDPE	PVD Other
Liner Seams: Welded Factory O	ther	
X Below-grade tank: Subsection Lof 10 15 17 1		
Volume: 5405cction 101 19.15.17.1		
Tank Construction material:	of fluid: Produced Water	
Secondary containment with last to a	Metal	
Visible side of the true	X Visible sidewalls, liner, 6-inch lift and automatic	overflow shut-off
Liner Type: Thickness mil	Sidewalls only Other	
	HDPE PVC X Other Unspeci	ified
Alternative Method:		
Submittal of an exception request is required. Exception	ns must be submitted to the Santa Fe Environmental	Bureau office for consideration of approval
F C		approva.

Form C-144

Oil Conservation Division

Page 1 of 5

eived by OCD: 9/18/2021 10:27:12 AM	Page 2 of 24
Fencing: Subsection D of 19.15-17-11-NN - opties to permanent pit, temporary pits, and below grade tan.	
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, ho both leight, four strands of barbed wire evenly spaced between one and four feet	Spital, institution or charges
X Alternate. Please specify 4' hog wire fencing topped with two strands barbed wire.	, and the state of
g week tenenig topped with two strands barbed wire.	
Netting: Subsection F of 19.15.17.11 NMAC (April	
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other	
Monthly inspections (If netting or screening is not physically feasible)	
8	
Signs: Subsection C of 19.15.17.11 NMAC	
12" X 24". 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
X Signed in compliance with 19.15.3.103 NMAC	
9	
Administrative Approvals and Exceptions:	
Justifications and/or demonstrations of equivalency are required. Please refer to 10.15	1
one of the following is requested if and in	
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office f [Exception(s): Pagement and the submitted to the appropriate division district of the Santa Fe Environmental Bureau office f	
Exception(s): Requests much be a series of the Santa re Environmental Bureau office f	or consideration of approval.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
10	
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance of	
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable appropriate district office or may be considered an exception which must be submitted to the Santa Fa Emissional Application of approach Application of appro	
consideration of approval Application and acceptant which must be submitted to the Santa Fe Environmental	
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 batter 50	
Oround 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 G.	Yes X No
	A LANG
lake (measured from the ordinary high-water mark).	Yes X No
- 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	
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	Yes X No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	I DNA
Within 1000 feet from a permanent residence, school hospital to the residence.	
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits)	Yes No
- Visual inspection (certification) of the proposed site: Aerial photo: See W.	X NA
purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes X No
- NM Office of the State Engineer - iWATERS databases and the state of initial application.	
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.	1
adopted pursuant to NMSA 1978. Section 3-27 3. a convenience municipal fresh water well field covered under a municipal configuration.	Yes XNo
written confirmation or verification from the municipality. Weight	Yes X No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification man T	
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine.	Yes X No
Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division Within an unstable area.	Yes XNo
area,	Yes X No
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	Yes X No
Society; Topographic map Within a 100-year floodplain	
- FEMA map	
	Yes X No

Temporary Pits, Emergency Pits a dow-grade Tanks Pormit A viv
Instructions: Each of the following items must be attached to the cond-
Trydrogeologic Report (Below-grade Tanks), based were the
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of Paragraph (2) of Subsection B of 19.15.17.9
X Siting Criteria Compliance Demonstrations - 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 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC X Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
X Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC X Closure Plan (Please complete Boxes 11 the end 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
Previously Approved Design (attack
Previously Approved Design (attach copy of design) API or Permit
Closed-loop Systems Permit Application Attachment Checklist: 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 (2). On the comments are attached.
Geologic and Hydrogeologic Data (only for on-site closure). he 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
Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.9 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenant Plants and Maint
Operating and Maintenance Plan to a land of 19.15.17.11 NMAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 d. p. 1.12 nmac
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 Provious by Assess 18.
Previously Approved Design ()
Previously Approved Design (attach copy of design) API
Previously Approved Operating and Maintenance Plan API
13
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
of the joint must be attached to the and in the
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 second property of Subsection B of 19.15.17.9 NMAC
Siting Criteria Compliance Demonstrations - based upon the area of Subsection B of 19.15.17.9 NMAC
Climatological Factors Assessment
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design; based upon the appropriate requirements of 19.15.17.11 NMAC
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment of 19.15.17.11 NMAC
Quality Control/Quality Assurance Construction and Installation Plan
The state of the s
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Nuisance or Hazardous Odors, including H2S, Prevention Plan Emergency 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 Co. 5.10.15.
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Proposed Closure: 10.15.17.12.204.0
instructions: Please complete the applicable boxes, Boxes 14 through 18 in regards to the
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit V Release and T. J. Cavitation P&A Permanent P&A Permanent P&A Permanent P&A Permanent P&A Permanent P&A Permanent P&A Pe
Alternative
Proposed Closure Method: X Waste Excavation and Removal
Waste Removal (Closed-loop systems only)
On-site Closure Method (only for temporary pits and closed-loop systems)
[In-place Buria] [On-site Tranch
Alternative Closure Method (Exceptions must be submitted to the
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Waste Excavation and Removal Closure Plan Checklists 10 15 to 15
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. X Protocols and Procedures - based upon the second plan.
 X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) X Soil Backfill and Cover Design Specifications, beauty
[X] Soil Backfill and Cover Design Specifications - based upon the agreement of the Cuttings)
Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC
are appropriate requirements of Subsection G of 19.15.17.13 NMAC
Long C 444

[6]		
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids an		
are required.	or Haul-off Bins Only: (19 15 17 13 D NM	AC)
	a drill cultings. Use attachment if more than	two facilities
and a state of the		
The state of the s	al Facility Permit #:	
Will any of the proposed closed-loop system operations and associated activities occur of Yes (If yes, please provide the information No	d Facility Permit #:	
res (if yes, please provide the information No	n or in areas that will not be used for futi	are service and operations?
The state of the s	Imports of G. I.	
Soil Backfill and Cover Design Specification - based upon the appropriate require Re-vegetation Plan - based upon the appropriate requirements of Subsection I of Site Reclamation Plan - based upon the appropriate requirements.	9 15 17 13 NMA 6	MAC
Site Reclamation Plan - based upon the appropriate requirements of Subsection I of	of 10.15.17.13 NMAC	
17	01 13.17.13 NMAC	
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMAC		
Instructions: Each string criteria requires a demonstration of compliance in the closure plan. Recommenda for consuleration of approval. Justifications and/or demonstrations of equivalency are required.		
for consideration of approval. It is a factor of approval from the appropriate district office or many	tions of acceptable source material are provided	below Requests
	er to 19.15-17 to NMAC to:	the Santa Fe Environmental Bureau office
water is less than 50 feet below the bottom of the best		on the type
NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from n		Yes No
Ground water is between 50 and 100 c	earby wells	N/A
Ground water is between 50 and 100 feet below the bottom of the buried waste		
of the State Engineer - tWATERS database search; USGS; Data obtained from ne	arhy wells	Yes No
Ground water is more than 100 feet below the bottom of the large		N/A
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nea		Non Du
Within 300 fact of a good and a good a good and a good a good and a good a good and a good and a good and a good a good a good a good and a good and a good and a good a good a good a good a good and a good a good and a good a	arby wells	Yes No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse. Topographic are a feet of any other significant watercourse.	rea or labels to the	∐N/A
Topographic map: Virgal immediately	se 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 existence at the Visual inspection (certification) of the proposed site; Aerial photo: satellite image.	e time of initial	1
 Visual inspection (certification) of the proposed site; Aerial photo; satellite image 	time of initial application.	Yes No
1		
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five househor purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the time.	alde use for d	Yes No
		_
within incorporated municipal boundaries or within the	oposed site	
pursuant to NMSA 1978, Section 3-27-3 as amended municipal fresh water well field covered	under a municipal andi-	
The state of the s		∐Yes ∐No
Within 500 feet of a wetland	nunicipality	1
 US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certificate) Within the area overlying a subsurface mine. 		Tyes TNo
Within the area overlying a subsurface mine.	ion) of the proposed site	
Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division Within an unstable area.	1	Tyes TNo
		Yes No
Fingineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources;	1	Tyes The
Topographic map Wishing top	USGS; NM Geological Society;	LIES LING
Within a 100-year floodplain FEMA map		
- РЕМА тар		Yes No
18		
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following by a check mark in the box, that the documents are attached. Siting Criteria Compliance Description.		
by a check mark in the box, that the documents are attached.	items must bee attached to the closure p	lan Please indicate
La compliance Demonstrations - based up-		reuse maicate,
Proof of Surface Owner Notice - based upon the appropriate requirements of	19.15.17.10 NMAC	1
Proof of Surface Owner Notice - based upon the appropriate requirements of Construction/Design Plan of Burial Trench (if applicable) beard	F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection Construction/Design Plan of Temporary Pit (for in place burial of a design plan of Temporary Pit (for in place burial of Temporary Pit (for	uirements of 19.15 17.11 NMAC	
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMA	on the appropriate re-	
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMA Confirmation Sampling Plan (if applicable)	C appropriate requirements of 19.15	.17.11 NMAC
Confirmation Sampling Plan (if applicable) - based upon the applicable		
Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F Disposal Facility Name and Permit Number (for liquids, drilling plan)	dissection F of 19.15.17.13 NMAC	
Disposal Facility Name and Permit Number (for liquids drilling of the	of 19.15.17.13 NMAC	
Soil Cover Design - based upon the appropriate requires and drill cuttings or	in case on-site closure standards cannot be	ne achimists
Le regetation Plan - based upon the appropriate and	1. IAMAC	e achieved)
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17. Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.1	3 NMAC	
appropriate requirements of Subsection G of 19.15.	17.13 NMAC	1

Name (Print):	ormation submitted with this application is true, accu Crystal Fafoya	urate and complete to th	e best of my knowledge and believe
Signature:		Title:	Regulatory Technician
e mail address:	Criptal Jaforga	Date:	
C man address:	Cysta Saleyard onecopnilips com	Telephone:	12/22/2008 505-326-9837
20			305-326-9837
	tmit Application (i.e. t. 1)		
	rmit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)
OCD Representative Sig	nature: CRWhitehead		
Title: Environm	ental Specialist		Approval Date: September 30,
		OCD Pern	uit Number: BGT 1
21			
Instructions: Operators	within 60 days of closure completion): Subsect	too V stores	
report is required to be submi	itted to the division within 60 d	implementing any closu	re activities and submitting the closure report. The closure Please do not complete this section of the form until an
approved closure plan has bee	trea to the division within 60 days of the completion on obtained and the closure activities have been com	of the closure activities	Please do not complete this section of the former
	The state of the s		
22		Closure	Completion Date:
Closure Method:			
Waste Excavation and	Removal Consist Classical		
	Removal On-site Closure Method ved plan, please explain.	Alternative Closure N	lethod Waste Removal (Closed-loop systems only)
23	гот решес схрани.		
Josure Report Peganding W	acta Dament Ca		
nstructions: Please identify th	aste Removal Closure For Closed-loop Systems The facility or facilities for where the liquids, drilling	hat Utilize Above Grou	nd Steel Tanks or Haul-off Bins Only: s were disposed. Use attachment if more than two facilities
vere utilized.	or fuctimes for where the liquids, drilling	fluids and drill cutting	s were disposed. Use attachment if more than the factor
		Disposal Facilians	y more than two facilities
Disposal Facility Name:		Disposal Facility Pe	rmit Number:
Yes If yes places t	operations and associated activities performed on or instrate complilane to the items below) No	r in areas that will not b	mit Number:
Remired for impact	onstrate compliane to the items below) No)	e used for future service and opeartions?
Site Reclamation (Photo	which will not be used for future service and operation	ions:	
Soil Backfilling and Cove			
Re-vegetation Application	n Rates and Seeding Technique		
Closure Report Attachme	nt Checklist: Instructions 5		to the closure report. Please indicate, by a check mark in
the box, that the documents a	re attached.	items must be attached	to the closure report. Please indicate by a check
			that the control of t
Proof of Deed Notice (re	equired for on-site closure)		
Plot Plan (for on-site clo	sures and temporary pits)		
Confirmation Sampling	Analytical Results (if applicable)		
waste Material Sampling	g Analytical Results (if applicable)		
J Disposal Facility Name a	and Permit Number		
Soil Backfilling and Cove	er Installation		
Re-vegetation Application	n Rates and Seeding Technique		
] Site Reclamation (Photo I	Documentation)		
On-site Closure Location:	Latitude:	ngitude:	
		ngitude:	NAD 1927 1983
	Ė		
ator Closure Certification			
by certify that the information	and attachments submitted with this closure report is	Sture decurred	
by certify that the information of osure complies with all applica	and attachments submitted with this closure report is ble closure requirements and conditions specified in	s ture, accurate and com	plete to the best of my knowledge and belief. I also certify the
ator Closure Certification by certify that the information osure complies with all applica (Print):	and attachments submitted with this closure report is ble closure requirements and conditions specified in		plete to the best of my knowledge and belief. I also certify th an.
by certify that the information of source complies with all applicate (Print):	and attachments submitted with this closure report is ble closure requirements and conditions specified in	s ture, accurate and com the approved closure pl Title:	plete to the best of my knowledge and belief. I also certify than.
by certify that the information of osure complies with all applica	and attachments submitted with this closure report is ble closure requirements and conditions specified in		plete to the best of my knowledge and belief. I also certify th an.

From C-144

Oil Conservation Division

Page 5 of 5

New Mexico Office of the State Engineer POD Reports and Downloads

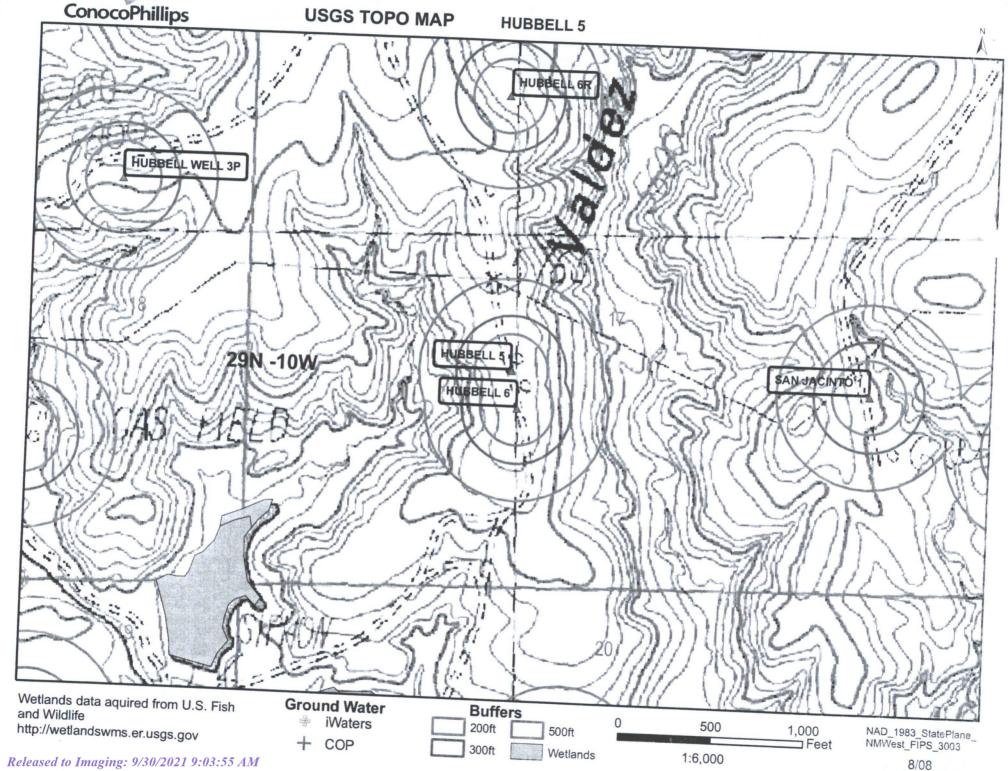
Township: 29N Range: 10W Sections:
NAD27 X: Y: Zone: Search Radius:
County: Basin: Number: Suffix:
Owner Name: (First) (Last) C Non-Domestic C Domestic C All
POD / Surface Data Report Avg Depth to Water Report Water Column Report
Clear Form iWATERS Menu Help

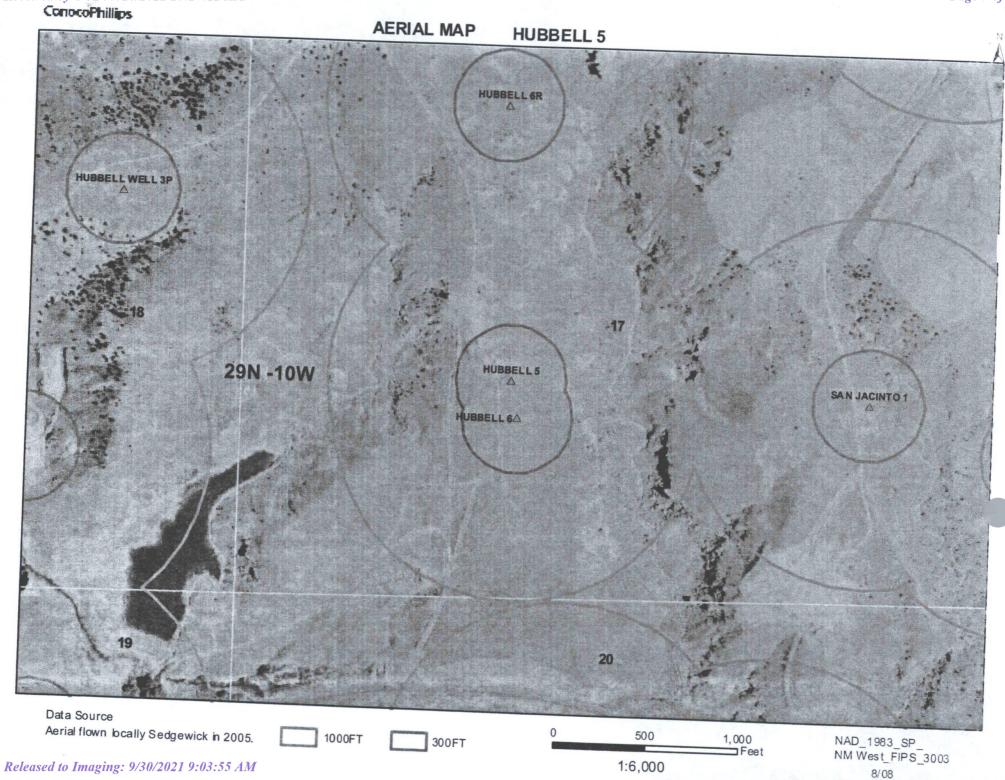
WATER COLUMN REPORT 08/20/2008

(<	quarte	rs are	1=NW	2=NE	3=SW 4=SE)							
POD Number	quarte	rs are	bigge	st to	smallest)			Depth	Depth	Water	(in	fact)
RG 36732 DCL	Tws 29N	3	ec q	d d	Zone	X	Y	Well	Water	Column	(111	reet)
SJ 00785 S	29N			1 0				500	450	50		
SJ 00680	29N			4 2				20				
SJ 00785 NEW	29N			4				40	10	3.0		
SJ 00785 S-2	29N	10W 13						60	20	40		
SJ 03023	29N	10W 18		2 1				60	20	40		
SJ 03502	29N	10W 18						90	65	25		
SJ 03081	29N	10W 18		L 4				150				
SJ 02078	29N	10W 19		1 1				20				
SJ 00303	29N	10W 19						40	9	31		
SJ 02860	29N	10W 19						20	5	15		
SJ 02900	29N	10W 20						21	2	19		
SJ 01140	29N	10W 20						70				
SJ 01990	29N	10W 20						25	6	19		
SJ 02548	29N	10W 20						40	12	28		
SJ 02547	29N	10W 20	4 4					12	2	10		
SJ 03535	29N	10W 21	3 2	3				12	2	10		
SJ 03455	29N	10W 21	3 3	1				15	1.5			
SJ 03456	29N	10W 21	3 3	2				20 20	17	3		
SJ 03441	29N	10W 21	4 3	3				40	17	3		
SJ 03470	29N	10W 21	4 3	4				20	30 7	10		
SJ 01474	29N	10W 21	4 4					25	/	13		
SJ 03180	29N	10W 21	4 4	4				50	15	2.5		
SJ 03713 POD1	29N	10W 22	2 3					265	20	35		
SJ 02820	29N	10W 23	4 1	1				82	16	245		
SJ 02896	29N	10W 24	1 4	1				110	34	66		
SJ 02275	29N	10W 24	1 4					40	20	76		
SJ 00092	29N	10W 24	2 4					33	20	20		
SJ 02802	29N	10W 24						132	30	100		
SJ 02907	29N	10W 24	3 2	3				60	30	102		
SJ 02122	29N	10W 25	4 1					60	12	10		
SJ 01019	29N	10W 26	4 3	3				50	4	48		
								50	4	46		

SJ 01056	29N	10W 2	7	3	2						
SJ 02216	29N				2				50	31	19
SJ 03582	29N				3 3)			30	7	23
SJ 02151	29N				1 2		10155		10	4	6
SJ 03652	29N	10W 2		-	2 1		484600	2075600	37	20	17
SJ 03142	29N	10W 2			$\frac{2}{2}$ 2				34	6	28
SJ 03637	29N	10W 28		2					38	22	16
SJ 03582 POD2	29N	10W 28		2	- da				21	1.0	11
SJ 02840	29N	10W 28		3 2					28	5	23
SJ 00506	29N	10W 28		1 3					55	32	23
SJ 00662	29N	10W 28		1 4					78	55	23
SJ 00497	29N	10W 29		3 2					93	70	23
SJ 03777 POD1	29N	10W 29			2		270244	0.00	85	35	50
SJ 00473	29N	10W 30					270344	2071311	100	50	50
SJ 03743 POD1	29N	10W 33			3				58	10	48
SJ 01051	29N	10W 35			2				490	140	350
SJ 01050	29N	10W 36	1	4					90	30	60
				-					85	38	47

Record Count: 49

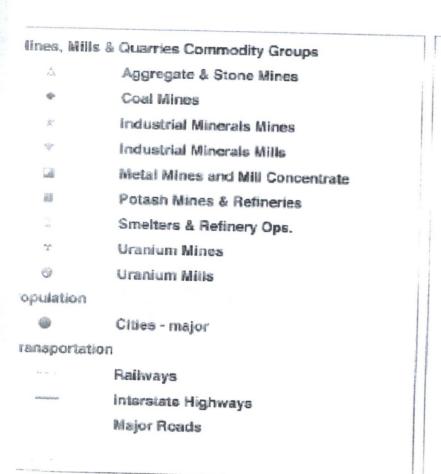


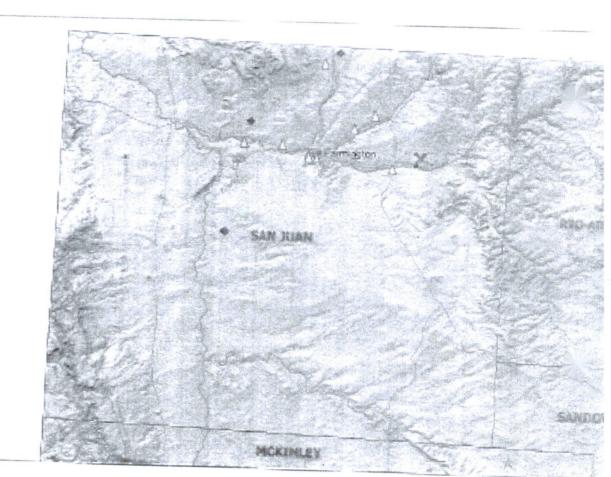


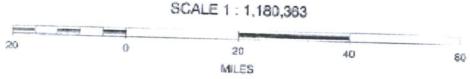
Mines, Mills and Quarries Web Map

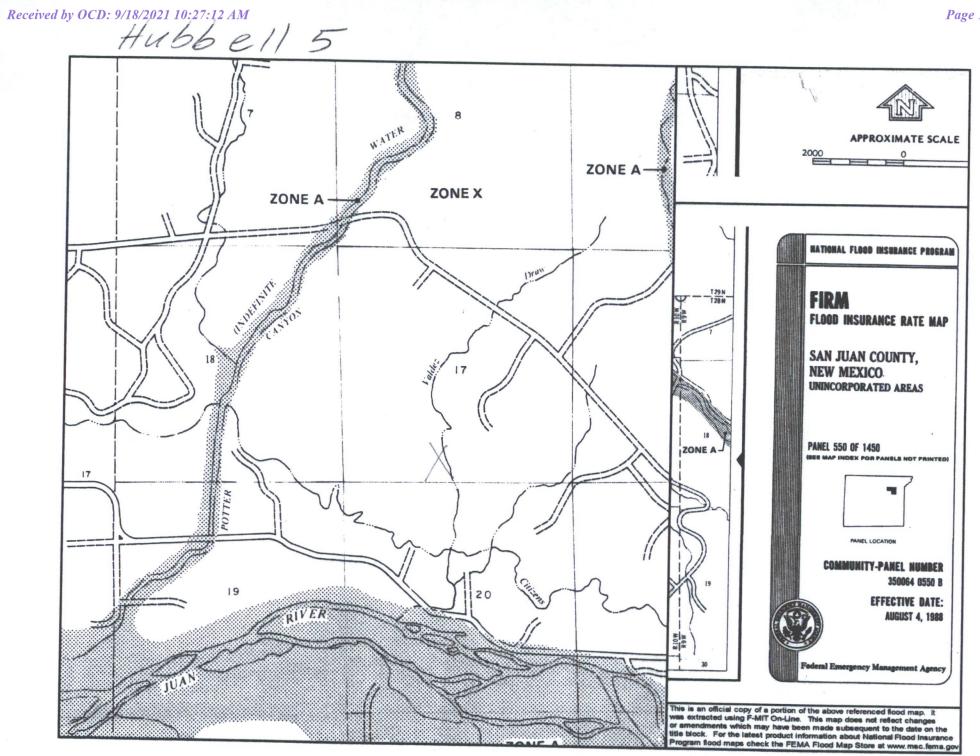
HUBBELL 5

Unit Letter: N, Section: 17, Town: 029N, Range: 010W









HUBBELL 5

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'HUBBELL 5', which is located at 36.72189 degrees North latitude and 107.91116 degrees West longitude. This location is located on the Bloomfield 7.5' USGS topographic quadrangle. This location is in section 17 of Township 29 North Range 10 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 Bloomfield, located 4.3 miles to the west. The nearest large town (population greater than 10,000) is Farmington, located 16.4 miles to the west (National Atlas). The nearest highway is US Highway 64, located 0.6 miles to the south. The location is on Private land and is 365 feet from the edge of the parcel as notated in the BLM land status layer updated located 1738 meters or 5700 feet above sea level and receives 10 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Mixed Bedrock Canyon and Tableland as per the

The estimated depth to ground water at this point is 281 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 515 feet to the east and is classified by the USGS as an intermittent stream. The nearest perennial stream is 1,631 feet to the southwest. The nearest water body is 1,631 feet to the southwest. It is classified by the USGS as a perennial lake and is 5.9 acres in size. The nearest spring is 4,908 feet to the northwest. 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 2,405 feet to the south. The nearest wetland is a 0.4 acre Freshwater Emergent Wetland located 1,633 feet to the southwest. The slope at this location is 14 degrees to the east 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 'Haplargids-Blackston-Torriorthents complex, very steep' and is well drained and not hydric with severe erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 16.7 miles to the north 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

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 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 for the Animas or Nacimiento Formations is domestic and livestock supplies. There are no known aquifer tests 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

References:

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, eastcentral 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 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,

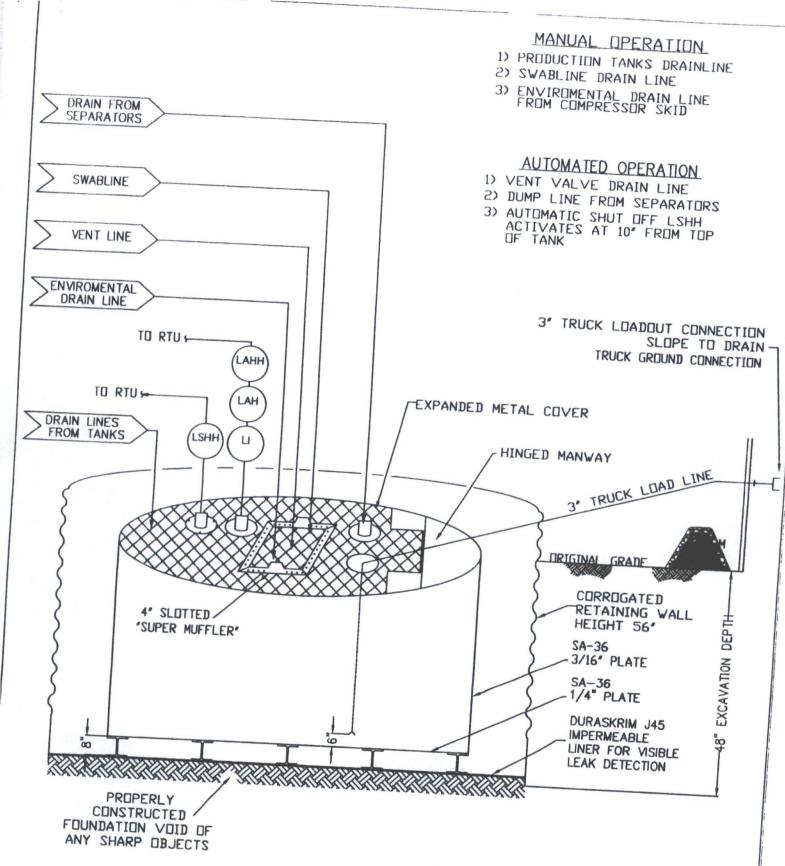
Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Design and Construction

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 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-least 6" above ground to keep from surface water run-on entering walls at 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 "Water-Hauling" Company indicating a high level 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 our compressor skids. The swab drain line is a manually operated drain and by 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 for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial 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

A N. S. Sala L.	TEST METHO		J3088	A STATE OF	J368 B	No.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
a manager designation of the second s		Min. Roll Averages	, block 14		II Typical F		J45BB	
Appearance			Averages ack/Black	Truinge	s Average	es Average	Typical Ries Average:	
Thickness	ASTM D 5199		27		Black/Black		ack/Black	
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs	30 mil	32 mil	36 mil		45 mil	
Construction	NOTHI D 3201	(18.14)	(20.16)	151 lbs (21.74)	(24 19)	(27.04)	210 lbs	
Ply Adhesion	ACTAL	**Ex	trusion lamina	ted with encaps	ulated tri-direct	tional scrim reinf	(30.24)	
	ASTM D 413	16 lbs	20 lbs	19 lbs	24 lbs			
1" Tensile Strength	ASTM D 7003	88 lbf MD	110 lbf MD	90 lbf MD		25 lbs	31 lbs	
1º Tensile Elongation @		63 lbf DD	79 lbf DD	70 lbf DD		110 lbf MD 84 lbf DD	138 lbf MD	
Break % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD	550 MD	750 MD		105 lbf DD	
1" Tensile Elongation @		-	750 DD	550 DD	750 DD	550 MD 550 DD	750 MD 750 DD	
Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD	20 MD	36 MD	
Tongue Tear Strength	ASTM D 5884	75 lbf MD	97 lbf MD	-	31DD	20 DD	36 DD	
	2 0004	75 lbf DD	90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD	117 lbf MD	
Grab Tensile	ASTM D 7004	180 lbf MD	218 lbf MD	180 lbf MD	1	100 lbf DD	118 lbf DD	
		180 lbf DD	210 lbf DD	180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD	
rapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD	130 lbf MD	189 lbf MD		258 lbf DD	
Dimensional Stability	ASTM D 1204	<1	141 lbf DD	130 lbf DD	172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD 191 lbf DD	
uncture Resistance	ASTM D 4833		<0.5	<1	<0.5	<1	<0.5	
aximum Use Temperature	1,000	50 lbf	64 lbf	65 lbf	83 lbf	80 lbf	99 lbf	
inimum Use Temperature		180° F	180° F	180° F	180° F	180° F		
= Machine Direction = Diagonal Directions		-70° F	-70° F	-70° F	-70° F	-70° F	180° F	



Note: Minimum Roll Averages are set to take into account product variability in addition to

*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 retrance 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

EXPOSED GEOMEMBRANE LIMITED WARRANTY

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 Raven Industries Inc. warrants Dura-Skrim J30BB, J36BB, and J45BB to be free from manufacturing defects and to be able to 2008. These dates will be updated prior to December 31, 2008.

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 does not include, among other things improper handling during transportation, unloading, storage or installation, the exposure of consumer as defined in the Magnuson Moss Warranty or any similar federal, state, or local statues. The parties expressly agree 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 Raven geomembranes to harmful chemicals, atypical atmospheric conditions, abuse of Raven geomembranes by machinery, hat the sale hereunder is for commercial or industrial use only.

Purchaser/User only for that portion of the warranted life which has elapsed since purchase of the material. Raven Industries Inc. steps to repair or replace the Raven geomembrane if a defect exists which is covered under this warranty. This Limited Warranty will have the right to inspect and determine the cause of any alleged defect in the Raven geomembrane and to take appropriate option, repair or replace the Raven geomembrane on a pro-rata basis at the then current price in such manner as to charge the Should defects or premature loss of use within the scope of the above Limited Warranty occur, Raven Industries Inc. will, at its 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.

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

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 modifications or alteration in advance of them having been made. Raven Industry's liability under this warranty shall in no event 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 or alterations made by Purchaser unless Raven Industries Inc. specifically authorized, in writing, said repairs, replacements, exceed the replacement cost of the material sold to the Purchaser for the particular installation in which it failed.

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. 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 his 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

constitution to this warrant

Released to Imaging: 9/30/2021 9:03:55 AM

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:

- 1. 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
- 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 belowleast 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 oil from the fluid surface of a below-grade tank in an effort to prevent significant 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 twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, 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 49922

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	49922
	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:		
		Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	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.

District I
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**

ACKNOWLEDGMENTS

Action 49922

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	49922
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

ACKNOWLEDGMENTS

V	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.

District I
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**

CONDITIONS

Action 49922

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	49922
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

CONDITIONS

Created By	Condition	Condition Date
cwhitehead	None	9/30/2021