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

State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr.

Form C-144 July 21, 2008

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

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 8/505	For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.
Pit, Closed-	Loop System, Below-Grade	e Tank, or
Proposed Alternativ	e Method Permit or Closur	e Plan Application
Type of action: X Permit of a pi	t, closed-loop system, below-grade ta oit, closed-loop system, below-grade ta	nk, or proposed alternative method
BGT 1 Closure plan of below-grade to	ank, or proposed alternative method	ed or non-permitted pit, closed-loop system,
Instructions: Please submit one application (Form of Please be advised that approval of this request does not re environment. Nor does approval relieve the operator of its re-	lieve the operator of liability should operations res	sult in pollution of surface water, ground water or the
Operator: Burlington Resources Oil & Gas Company	, LP	OGRID#: 14538
Address: PO Box 4289, Farmington, NM 87499		
Facility or well name: HUBBELL 21		
API Number: 3004529734	OCD Permit Number	:
		OW County: San Juan -107.92857°W NAD: X 1927
Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thickne String-Reinforced Liner Seams: Welded Factory Other		HDPE PVC Other bbl Dimensions L x W x D
Closed-loop System: Subsection H of 19.15.17.11 Type of Operation: P&A Drilling a new well Drying Pad Above Ground Steel Tanks Lined Unlined Liner type: Thickness Liner Seams: Welded Factory Other	Workover or Drilling (Applies to ac notice of intent) Haul-off Bins Other	ctivities which require prior approval of a permit or DPE PVD Other
X Below-grade tank: Subsection I of 19.15.17.11 NMA Volume: 120 bbl Type of fluid Tank Construction material: Met Secondary containment with leak detection X Vis Visible sidewalls and liner Visible sidewall Liner Type: Thickness mil HD	Produced Water al ible sidewalls, liner, 6-inch lift and autom ls only Other	natic overflow shut-off specified
Alternative Method: Submittal of an exception request is required. Exceptions mu	st be submitted to the Santa Fe Environme	ental Bureau office for consideration of approval.

Form C-144

Oil Conservation Division

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		Page 2
Sencing: Subsection D of 19.15.17.11 NMAC (Ap. Lio 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 Four foot height, four strands of barbed wire evenly spaced between one and four feet	l, institution or ci	hurch)
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 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 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	consideration of	approval
(Fencing/BGT Liner)	consideration of	арргочат.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.		
10		
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. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes	XNo
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa		
lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo
lake (measured from the ordinary high-water mark).	Yes	X No
lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial		
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Oil Conservation Division

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Temporary Pits, Emer	gency Pits and Below-grade Tanks	s Permit Application Attac	hment Checklist: Subsection B of 19.15.17.9 NMAC a check mark in the box, that the documents are attached.
marmenons: Each of the fe	dowing hems must be alluched to the a		
			graph (4) of Subsection B of 19.15.17.9 NMAC
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Previously Approved	Design (attach copy of design)	API	or Permit
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Closure Plan (Plea NMAC and 19.15		f applicable) - based upon the	e appropriate requirements of Subsection C of 19.15.17.9
Previously Approved	Design (attach copy of design)	API	
Previously Approved	Operating and Maintenance Plan	API	
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Climatological Face Certified Engineeri Dike Protection and Leak Detection Delection D	tors Assessment ing Design Plans - based upon the ap d Structural Integrity Design: based us sign - based upon the appropriate red is and Compatibility Assessment - ba hality Assurance Construction and Intenance Plan - based upon the appropriate retopping Prevention Plan - based upo dous Odors, including H2S, Preventi hise Plan hearn Characterization pection Plan had upon the appropriate requirements 5.17.13 NMAC he the applicable boxes, Boxes 14 through horson Bernoval Waste Excavation and Removal Waste Removal (Closed-loop sy On-site Closure Method (only for In-place Burial Alternative Closure Method (Exception of the box, that the documents are dures - based upon the appropriate re ling Plan (if applicable) - based upon had permit Number (for liquids, had the box in the box in the policable) - based upon had and Permit Number (for liquids, had the box in the propriate re had plan (if applicable) - based upon had permit Number (for liquids,	ppropriate requirements of 19 upon the appropriate require quirements of 19.15.17.11 N ased upon the appropriate requirements of 19.15.17.11 N ased upon the appropriate requirements of 19.15 on the appropriate requirements on Plan of Subsection C of 19.15.17 agh 18, in regards to the proposition P&A Permanent (Below-Grade Tank (Stems only)) or temporary pits and closed-legistems must be submitted to entire the appropriate requirements of 19.15.17.13 NMAC) Instructions attached. equirements of 19.15.17.13 n the appropriate requirement drilling fluids and drill cutting quirements of fluids and drill cutting flui	2.15.17.11 NMAC ments of 19.15.17.11 NMAC MAC quirements of 19.15.17.11 NMAC 5.17.12 NMAC mts of 19.15.17.11 NMAC 2.9 NMAC and 19.15.17.13 NMAC 3.10 Pit X Below-grade Tank Closed-loop System 3.10 Closed-loop System 3.10 Closed-loop System 3.11 Pit X Below-grade Tank Closed-loop System 3.12 Pit Santa Fe Environmental Bureau for consideration) 3.13 Each of the following items must be attached to the closure plane 3.14 Pit Santa Fe Environmental Bureau for consideration) 3.15 Each of the following items must be attached to the closure plane 3.15 Pit X Below-grade Tank Closed-loop System 3.16 Pit X Below-grade Tank Closed-loop System 3.17 Pit X Below-grade Tank Closed-loop System 3.18 Pit X Below-grade Tank Closed-loop System 3.19 Pit X Below-grade Tank Closed-loop System 4.10 Pit X Below-grade Tank Closed-loop System 4.10 Pit X Below-grade Tank Closed-loop System 4.10 Pit X Below-grade Tank Closed-loop System 4.11 Pit X Below-grade Tank Closed-loop System 4.11 Pit X Below-grade Tank Closed-loop System 4.11 Pit X Below-grade Tank Closed-loop System 4.12 Pit X Below-grade Tank Closed-loop System 4.13 Pit X Below-grade Tank Closed-loop System 4.14 Pit X Below-grade Tank Closed-loop System 4.15 Pit X Below-grade Tank Closed-loop System 4.16 Pit X Below-grade Tank Closed-loop System 4.17 Pit X Below-grade Tank Closed-loop System 4.18 Pit X Below-grade Tank Closed-loop System 4.19 Pit X Below-grade Tank Closed-loop System 4.10
Climatological Face Certified Engineeri Dike Protection and Leak Detection Det Liner Specification Quality Control/Qu Operating and Main Freeboard and Ove Nuisance or Hazard Emergency Respon Oil Field Waste Str Monitoring and Ins Erosion Control Pla Closure Plan - base Structions: Please complete Structions:	tors Assessment ing Design Plans - based upon the ap d Structural Integrity Design: based us sign - based upon the appropriate rec is and Compatibility Assessment - ba latity Assurance Construction and In- intenance Plan - based upon the appro- rtopping Prevention Plan - based upon dous Odors, including H2S, Preventi- ise Plan eam Characterization pection Plan and upon the appropriate requirements 5.17.13 NMAC te the applicable boxes, Boxes 14 throu- orkover	ppropriate requirements of 19 upon the appropriate require quirements of 19.15.17.11 N ased upon the appropriate recistallation Plan opriate requirements of 19.1. on the appropriate requirements on Plan of Subsection C of 19.15.17 as 18, in regards to the proposition P&A Permaner (Below-Grade Tankystems only) or temporary pits and closed-legister Trench (Composite Trenc	2.15.17.11 NMAC ments of 19.15.17.11 NMAC MAC quirements of 19.15.17.11 NMAC 5.17.12 NMAC nts of 19.15.17.11 NMAC 2.9 NMAC and 19.15.17.13 NMAC 3.10 Pit X Below-grade Tank Closed-loop System 3.10 Oop systems) 3.11 The Santa Fe Environmental Bureau for consideration) 3.12 Each of the following items must be attached to the closure plane 3.13 NMAC 3.14 So of Subsection F of 19.15.17 13 NMAC 3.15 Subsection F of 19.15.17 13 NMAC 3.16 Subsection H of 19.15.17.13 NMAC
Climatological Face Certified Engineeri Dike Protection and Leak Detection D	tors Assessment ing Design Plans - based upon the ap d Structural Integrity Design: based us sign - based upon the appropriate red is and Compatibility Assessment - ba hality Assurance Construction and Intenance Plan - based upon the appropriate retopping Prevention Plan - based upo dous Odors, including H2S, Preventi hise Plan hearn Characterization pection Plan had upon the appropriate requirements 5.17.13 NMAC he the applicable boxes, Boxes 14 through horson Bernoval Waste Excavation and Removal Waste Removal (Closed-loop sy On-site Closure Method (only for In-place Burial Alternative Closure Method (Exception of the box, that the documents are dures - based upon the appropriate re ling Plan (if applicable) - based upon had permit Number (for liquids, had the box in the box in the policable) - based upon had and Permit Number (for liquids, had the box in the propriate re had plan (if applicable) - based upon had permit Number (for liquids,	ppropriate requirements of 19 upon the appropriate require quirements of 19.15.17.11 N ased upon the appropriate recistallation Plan opriate requirements of 19.1. on the appropriate requirements on Plan of Subsection C of 19.15.17 as 18, in regards to the proposition P&A Permanent (Below-Grade Tank stems only) or temporary pits and closed-legisters of 19.15.17.13 NMAC) Instructions entached. Equirements of 19.15.17.13 NMAC) Instructions attached. Equirements of 19.15.17.13 NMAC) in the appropriate requirement drilling fluids and drill cutting on the appropriate requirements of Subsection I of 19.1	2.15.17.11 NMAC ments of 19.15.17.11 NMAC MAC quirements of 19.15.17.11 NMAC 5.17.12 NMAC nts of 19.15.17.11 NMAC 2.9 NMAC and 19.15.17.13 NMAC 3.10 Pit X Below-grade Tank Closed-loop System 3.10 Closed-loop System 3.10 Closed-loop System 3.10 Closed-loop System 3.11 Pit X Below-grade Tank Closed-loop System 3.12 Closed-loop System 3.13 Closed-loop System 3.14 Pit X Below-grade Tank NMAC 4.15 Santa Fe Environmental Bureau for consideration) 4.16 Santa Fe Environmental Bureau for consideration of the Subsection F of 19.15.17 13 NMAC 4.15 Subsection F of 19.15.17 13 NMAC 4.15 Subsection F of 19.15.17 13 NMAC 4.15 Subsection H of 19.15.17.13 NMAC 5.17.13 NMAC

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.1) Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more	NMAC)
are required.	
Disposal Facility Name: Disposal Facility Permit #:	
Disposal Facility Name: Disposal Facility Permit #:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for Yes (If yes, please provide the information No	or 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 requirements of Subsection H of 19.15.17 Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	.13 NMAC
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are proceed on the appropriate district office or may be considered an exception which must be submard for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells	Yes No
Ground water is between 50 and 100 feet below the bottom of the buried waste	☐Yes ☐No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby 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 obtained from nearby wells	□N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lak (measured from the ordinary high-water mark).	e 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 time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; satellite image	Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock water purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the time of the initial application. - NM Office of the State Engineer - iWATERS database: 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 adoption of the pursuant to NMSA 1978, Section 3-27-3, as amended.	oted Yes No
Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland	Yes No
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	
Within the area overlying a subsurface mine. - Written confiramtion or verification or map from the NM EMNRD-Mining and Mineral Division	Yes No
Within an unstable area.	□Yes □No
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society;	
Topographic map Within a 100-year floodplain FEMA map	Yes No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must bee attached to the by a check mark in the box, that the documents are attached.	ne closure plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NM	
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC	ents of 19.15.17.11 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 N	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 drill cuttings or in case on-site closure stand	dards cannot be achieved)
Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	4.5
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	

Form C 144 Oil Conservation Division

Signature: e-mail address:	Crystal Tafoya	ue, accurate and complete to the best Title:	Regulatory Technician
e-mail address:	Crental In her.	Date:	12/22/2008
e man describer.	toystal tutoya @ conocophillips.com	Telephone:	505-326-9837
	The state of the s	тетерноне,	303-326-9837
	Permit Application (including closure plan)		OCD Conditions (see attachment)
OCD Representative S		ad	Approval Date: October 5, 2021
Title: Environ	mental Specialist	OCD Permit N	Number: BGT 1
Instructions: Operators ar report is required to be sui	red within 60 days of closure completion re required to obtain an approved closure plan bmitted to the division within 60 days of the con been obtained and the closure activities have be	prior to implementing any closure a mpletion of the closure activities. P been completed.	ctivities and submitting the closure report. The closure lease do not complete this section of the form until an mpletion Date:
22			
Closure Method: Waste Excavation If different from ap	and Removal On-site Closure Meth	nod Alternative Closure Meth	mod Waste Removal (Closed-loop systems only)
23 Closure Report Regarding Instructions: Please identi vere utilized.	g Waste Removal Closure For Closed-loop Sify the facility or facilities for where the liquid	ystems That Utilize Above Ground s, drilling fluids and drill cuttings w	1 Steel Tanks or Haul-off Bins Only: were disposed. Use attachment if more than two facilities
Disposal Facility Name:		Disposal Facility Perm	nit Number:
Disposal Facility Name:		Disposal Facility Perm	nit Number:
Were the closed-loop sy	stem operations and associated activities perfor	rmed on or in areas that will not be	used for future service and opeartions?
	demonstrate complilane to the items below)	∐No	
	reas which will not be used for future service a Photo Documentation)	and operations:	
Soil Backfilling and			
Re-vegetation Appli	ication Rates and Seeding Technique		
4			
Closure Report Attac	chment Checklist: Instructions: Each of the	e following items must be attached	to the closure report. Please indicate, by a check mark in
the box, that the accume	ents are attached. Notice (surface owner and division)		
	tice (required for on-site closure)		
Proof of Deed Not	ite closures and temporary pits)		
	pling Analytical Results (if applicable)		
Plot Plan (for on-si			
Plot Plan (for on-si Confirmation Sam			
Plot Plan (for on-si Confirmation Sam Waste Material Sam	mpling Analytical Results (if applicable) Name and Permit Number		
Plot Plan (for on-si Confirmation Sam Waste Material Sai Disposal Facility N	mpling Analytical Results (if applicable)		
Plot Plan (for on-si Confirmation Sam Waste Material Sai Disposal Facility N Soil Backfilling and	mpling Analytical Results (if applicable) Name and Permit Number		
Plot Plan (for on-si Confirmation Sam Waste Material Sai Disposal Facility N Soil Backfilling and Re-vegetation App	mpling Analytical Results (if applicable) Name and Permit Number d Cover Installation		
Plot Plan (for on-si Confirmation Sam Waste Material Sai Disposal Facility N Soil Backfilling and Re-vegetation App	mpling Analytical Results (if applicable) Name and Permit Number d Cover Installation dication Rates and Seeding Technique Photo Documentation)	Longitude:	NAD
Plot Plan (for on-si Confirmation Sam Waste Material Sai Disposal Facility N Soil Backfilling and Re-vegetation App Site Reclamation (1)	mpling Analytical Results (if applicable) Name and Permit Number d Cover Installation dication Rates and Seeding Technique Photo Documentation)	Longitude:	NAD 1927 1983
Plot Plan (for on-si Confirmation Sam Waste Material Sai Disposal Facility N Soil Backfilling and Re-vegetation App Site Reclamation (I On-site Closure Lo	mpling Analytical Results (if applicable) Name and Permit Number d Cover Installation dication Rates and Seeding Technique Photo Documentation) cation: Latitude: dication: mution and attachments submitted with this clo	osure report is ture, accurate and co	mplete to the best of my knowledge and belief. Laten cartify that
Plot Plan (for on-si Confirmation Sam Waste Material Sai Disposal Facility N Soil Backfilling and Re-vegetation App Site Reclamation (I On-site Closure Lo	mpling Analytical Results (if applicable) Name and Permit Number d Cover Installation dication Rates and Seeding Technique Photo Documentation) cation: Latitude:	osure report is ture, accurate and co	mplete to the best of my knowledge and belief. Laken cartify that
Plot Plan (for on-si Confirmation Sam Waste Material Sai Disposal Facility N Soil Backfilling and Re-vegetation App Site Reclamation (I On-site Closure Lo	mpling Analytical Results (if applicable) Name and Permit Number d Cover Installation dication Rates and Seeding Technique Photo Documentation) cation: Latitude: dication: mution and attachments submitted with this clo	osure report is ture, accurate and cos as specified in the approved closure p	mplete to the best of my knowledge and belief. Laten cartify that

Form C-144

Oil Conservation Division

New Mexico Office of the State Engineer POD Reports and Downloads

NAD27 X: Y:	Zone: Searc	h Radius:
County: Basin:	Number:	Suffix:
Owner Name: (First)	(Last) C Non-D	omestic C Domestic © Al
POD / Surface Data Report	Avg Depth to Water Report	Water Column Report

WATER COLUMN REPORT 08/20/2008

						o smalles		35	Depth Well	Depth Water	Water	(in feet)
POD Number	Tws	Rng			ā ā	Zone	Х	Y	500	450	50	
RG 36732 DCL	29N	10W 10W		2	4 2				20	430	50	
SJ 00785 S	29N 29N	10W		2					40	10	30	
SJ 00680	29N 29N	10W		4	4				60	20	40	
SJ 00785 NEW SJ 00785 S-2	29N	10W		4					60	20	40	
	29N	10W			3 1				90	65	25	
SJ 03023	29N	10W		A COLUMN	3 1				150	03	23	
SJ 03502 SJ 03081	29N	10W			1 4				20			
SJ 02078	29N	10W			1 1				40	9	31	
SJ 00303	29N	10W			3				20	5	15	
SJ 02860	29N	10W			4 4				21	2	19	
SJ 02900	29N	10W			1 2				70			
SJ 01140	29N	10W			2 2				25	6	19	
SJ 01990	29N	10W		4					40	12	28	
SJ 02548	29N	10W		4					12	2	10	
SJ 02547	29N	10W		4					12	2	10	
SJ 03535	29N	10W	21	3	2 3				15			
SJ 03455	29N	10W		3	3 1				20	17	3	
SJ 03456	29N	10W		3	3 2				20	17	3	
SJ 03441	29N	10W	21	4	3 3				40	30	10	
SJ 03470	29N	10W	21	4	3 4				20	7	13	
SJ 01474	29N	10W	21	4	4				25			
SJ 03180	29N	10W	21	4	4 4				50	15	35	
SJ 03713 POD1	29N	10W	22	2	3				265	20	245	
SJ 02820	29N	10W	23	4	1 1				82	16	66	
SJ 02896	29N	10W	24	1	4 1				110	34	76	
SJ 02275	29N	10W	24	1	4 2				40	20	20	
SJ 00092	29N	10W		2	4 2				33			
SJ 02802	29N	10W	24	3	1 2				132	30	102	
SJ 02907	29N	10W			2 3				60			
SJ 02122	29N	10W	25	4					60	12	48	
SJ 01019	29N	10W		4	3 3				50	4	46	

SJ 01056	29N	10W	27	3	2					50	31	19
SJ 02216	29N	10W	28	1	2					30	7	23
SJ 03582	29N	10W	28	1	3	3				10	4	6
SJ 02151	29N	10W	28	2	1	2	W	484600	2075600	37	20	17
SJ 03652	29N	10W		2	2					34	6	28
SJ 03032	29N	10W			2					38	22	16
SJ 03637	29N	10W		2		1				21	10	11
SJ 03582 POD2	29N	10W		2	3	3				28	5	23
SJ 02840	29N	1 OW		3		1				55	32	23
SJ 00506	29N	10W		4	3					78	55	23
SJ 00662	29N	10W		4	4	3				93	70	23
SJ 00497	29N	10W		3	2	3				85	35	50
SJ 03777 POD1	29N	10W		4	4	2		270344	2071311	100	50	50
SJ 00473	29N	10W			4					58	10	48
SJ 03743 POD1	29N	10W		4	4	3				490	140	350
SJ 01051	29N	10W		2	2	2				90	30	60
S.T 01050	29N	10W		1	4					85	38	47

Record Count: 49

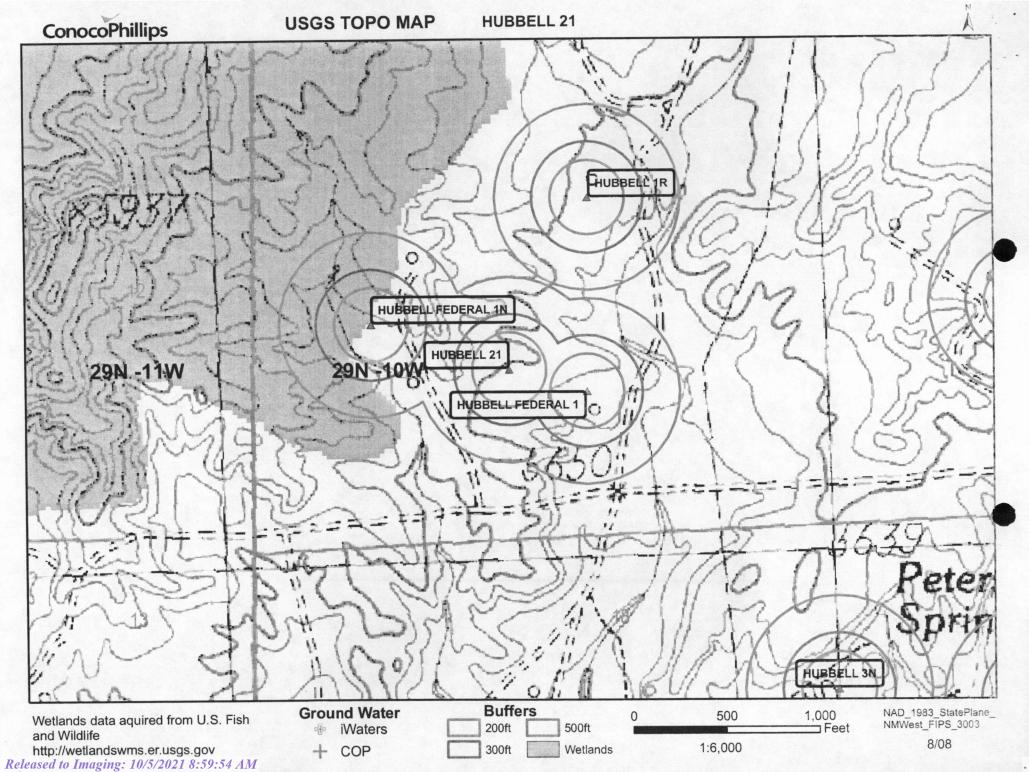
New Mexico Office of the State Engineer POD Reports and Downloads

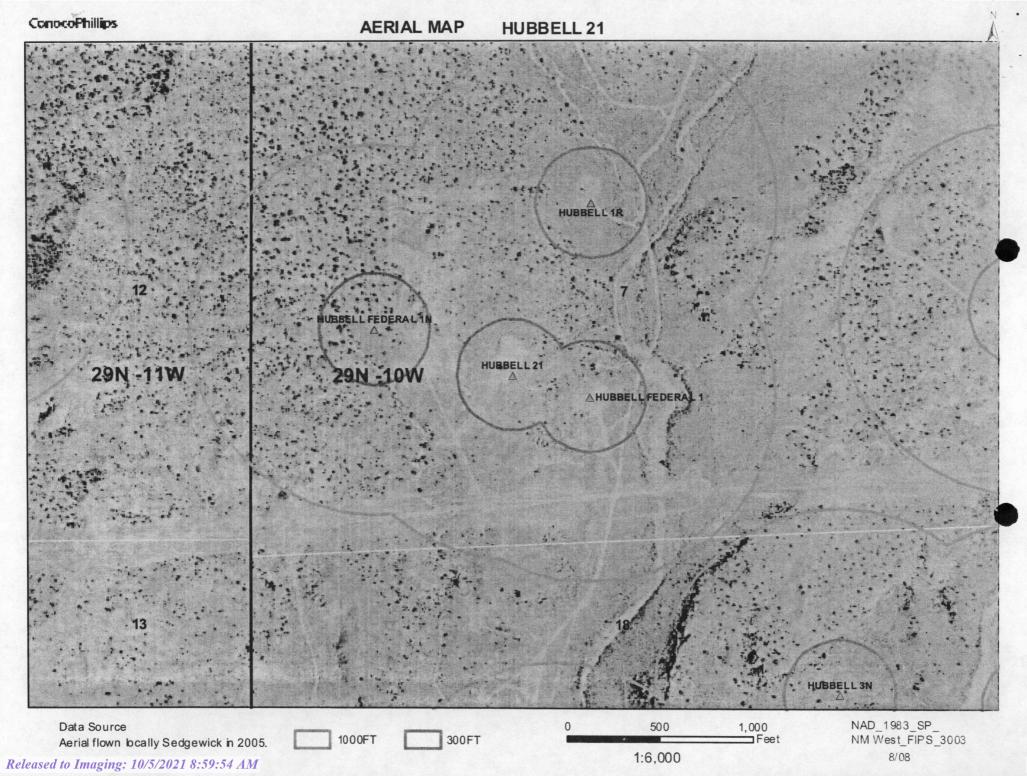
NAD27 X: Y:	Zone: Search Radius:
County: Basin:	Number: Suffix:
Owner Name: (First)	(Last) C Non-Domestic C Domestic C A
POD / Surface Data Report	Avg Depth to Water Report Water Column Report

WATER COLUMN REPORT 08/20/2008

	(quarters	are	1=1	W	2=	NE	3=SW 4=	SE)			D	Tile to a se	(in feet)	
	(quarters	are	big	gge	st	to	smalle	st)		Depth	Depth	Column	(In reec)	
POD Number	Tws	Rng		q	P	g	Zone	х	Y	Well 77	Water 55	22		
SJ 00867	29N	11W		4						250	210	40		
SJ 01302	29N	11W	07	4						157	210	40		
SJ 01891	29N	11W	07		1	3				125	48	77		
SJ 01851	29N	11W		4						65	40	,,		
SJ 02466 S	29N	11W			3					66				
SJ 02466	29N	11W				3				. 60				
SJ 02991	29N	11W			4					20				
SJ 03136	29N	11W			4	4				415	300	115		
SJ 00987	29N	11W		4						155	10	145		
SJ 01426	29N	11W		1						752	10	113		
SJ 00007	29N	11W		2	2					10				
SJ 03550	29N	11W		3	2					82	6	76		
SJ 01774	29N	11W		3		2				40				
SJ 03360	29N	11W		3	4					60	24	36		
SJ 03175	29N	11W			2					75	56	19		
SJ 03164	29N	11W		4						64	20	44		
SJ 03733 POD1	29N		15	4		1				75	12	63		
SJ 02378	29N		15	4		2				83	30	53		
SJ 03579	29N		15	4		1				110	40	70		
SJ 02141	29N		1 16	4		4				375	80	295		
SJ 02926	29N		1 17	2		3				100				
SJ 03399	29N		1 17	4						60	6	54		
SJ 00487	29N		1 17	4						50				
SJ 02868	29N		1 17	4		4				120	55	.65	j	
SJ 01641	29N		V 19	2		3		440000	2077700	27	6	21		
SJ 02026	29N		V 19		1			440000	2011100	100	18	82		
SJ 02970	29N		V 19	4		2				60	20	40)	
SJ 01250	29N		N 19		4					50				
SJ 02869	29N		N 20			1				150	30	120)	
SJ 00583	29N		N 20			2				36	3	3:		
SJ 01355	29N		N 20		4					42	10	32		
SJ 00452	29N	111	W 21							12				

SJ 01969	29N	11W 21	2			65	55	10
SJ 00701 CLW312190	29N	11W 21	2	2		70	14	56
SJ 00701	29N	11W 21	2	2 1		73		
SJ 03350	29N	11W 21	2	2 3		50		
SJ 01090	29N	11W 21	2	4		31	12	19
SJ 02863	29N	11W 21	2	4 1		52	20	32
SJ 03659	29N	11W 21	3	2 2		45	10	35
SJ 01888	29N	11W 21	4	2 2	•	47	8	39
SJ 02200	29N	11W 22				60	22	38
SJ 01557	29N	11W 22	1	2		70	11	59
SJ 00796	29N	11W 22	1	2		50	8	42
SJ 00704	29N	11W 22	1	2		55	20	35
SJ 01703	29N	11W 22	1	2		68	3	65
SJ 03747 POD1	29N	11W 22	1	2 3		47	27	20
SJ 02813	29N	11W 22	1	2 3		59	16	43
SJ 01214	29N	11W 22	1	3		49 37	12	37 27
SJ 00484	29N	11W 22	1	3 1		38	10 10	28
SJ 00320	29N	11W 22	1	3 1		49	14	35
SJ 03532	29N	11W 22	1	3 3		45	18	27
SJ 00151	29N	11W 22 11W 22	1	3 4		40	59	21
SJ 02721	29N	11W 22 11W 22	1 2	3 3		72	18	54
SJ 03503	29N 29N	11W 22	2	3 3		58	24	34
SJ 02578 SJ 03093	29N	11W 22	2	3 4		42	22	20
SJ 03189	29N	11W 22	3	2 1		45	20	25
SJ 03188	29N	11W 22	3	2 2		45	11	34
SJ 02020	29N	11W 22	3	3		27	6	21
SJ 02138	29N	11W 22	4	2		40	7	33
SJ 02529	29N	11W 22	4	2 3		30	9	21
SJ 03479	29N	11W 22	4	2 3		43	4	39
SJ 03049	29N	11W 22	4	2 4		33	10	23
SJ 00696	29N	11W 22	4	3		34	12	22
SJ 01974	29N	11W 22	4	3 3		47	11	36
SJ 03567	29N	11W 23	1	2 3		. 50	22	28
SJ 03557	29N	11W 23	1	3 1		50	15	35
SJ 03558	29N	11W 23	1	3 1		50	15	35
SJ 03559	29N	11W 23	1	3 4		45*	15	30
SJ 00812	29N	11W 23	1	4		44 50	15	35
SJ 03546	29N	11W 23		4 2		55	20	35
SJ 03591	29N 29N	11W 23 11W 23	1	4 4		58	30	28
SJ 01870	29N	11W 23	2 2	1 3		50	30	20
SJ 03130	29N	11W 23	2	1 3		60	30	30
SJ 03201 SJ 03353	29N	11W 23	2	1 3		45	25	20
SJ 01610	29N	11W 23	2	2		52	25	27
SJ 01573	29N	11W 23	2	3		41	21	20
SJ 03073	29N	11W 23	2	3 1		30		
SJ 03286	29N	11W 23	3	3 1		38	28	10
SJ 02799	29N	11W 23	4	1 1		56	15	41
SJ 03548	29N	11W 23	4	1 1		50	15	35
SJ 01962	29N	11W 24	1	2 2		45	12	33
SJ 03343	29N	11W 24	1	4 1		35	18	.17
SJ 00804	29N	11W 25	1	4		37	25	12
SJ 01808 0-5	29N	11W 26	3	1 1		52	43	9
SJ 02121	29N	11W 27	1	1		30	6	24
SJ 02210	29N	11W 27		1		32	8	24
SJ 03588	29N	11W 27		1 2		0.7		0.1
SJ 02227	29N	11W 27		1 4		27	6	21
SJ 00700	_ 29N	11W 27	1	3 3		20	7	13

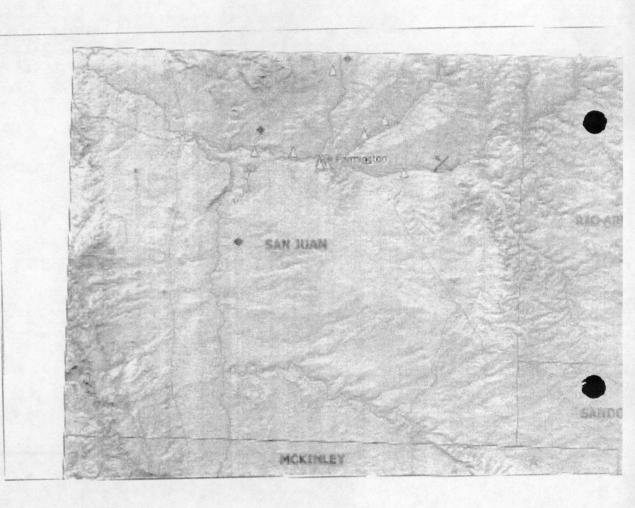


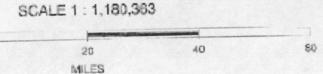


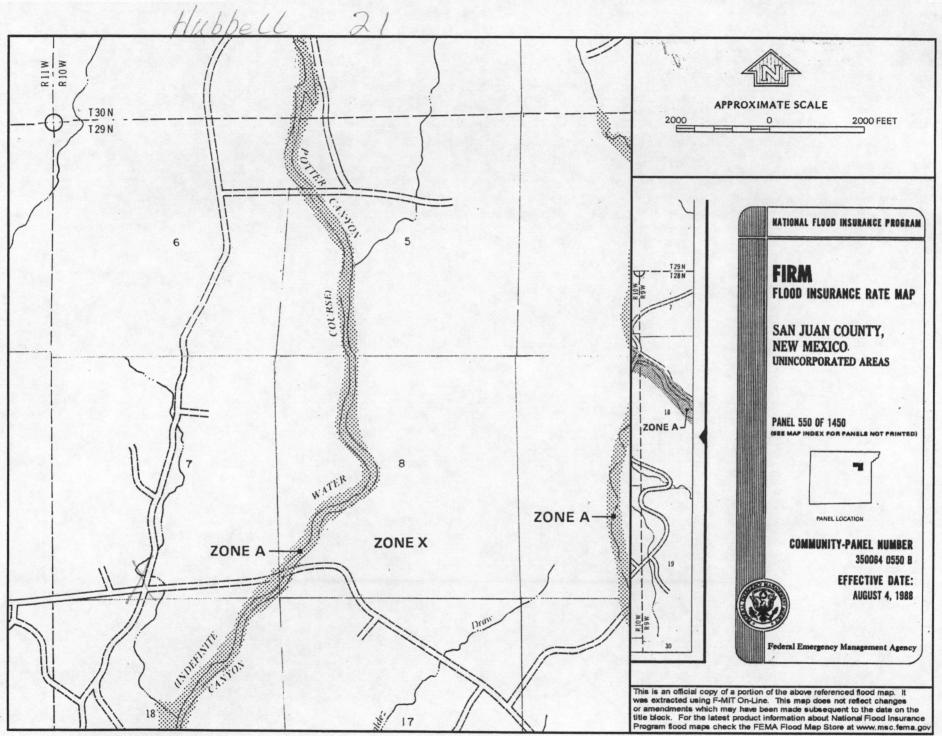
Mines, Mills and Quarries Web Wap

Unit Letter: N, Section: 07, Town: 029N, Range: 010W

lines, Mills	& Quarries Commodity Groups
۵	Aggregate & Stone Mines
•	Coal Mines
灾	Industrial Minerals Mines
Y	Industrial Minerals Mills
Cal	Metal Mines and Mill Concentrate
W	Potash Mines & Refineries
e _{le} , pol	Smelters & Refinery Ops.
γ	Uranium Mines
0	Uranium Mills
opulation	
0	Cities - major
ranaportat	ion
garage rej	Railways
Accordances	Interstate Highways
	Major Roads







HUBBELL 21

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'HUBBELL 21', which is located at 36.73534 degrees North latitude and 107.92857 degrees West longitude. This location is located on the Bloomfield 7.5' USGS topographic quadrangle. This location is in section 7 of Township 29 North Range 11 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 3.7 miles to the southwest. The nearest large town (population greater than 10,000) is Farmington, located 15.4 miles to the west (National Atlas). The nearest highway is US Highway 64, located 1.2 miles to the south. The location is on BLM land and is 1,249 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Upper San Juan. Colorado. New Mexico, Sub-basin. This location is located 1731 meters or 5677 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 Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 112 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 452 feet to the northeast and is classified by the USGS as an intermittent stream. The nearest perennial stream is 6,062 feet to the southeast. The nearest water body is 4.455 feet to the south. It is classified by the USGS as an intermittent lake and is 0.2 acres in size. The nearest spring is 2,199 feet to the southeast. 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 2.835 feet to the southwest. The nearest wetland is a 0.8 acre Freshwater Pond located 5,383 feet to the south. 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 '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 15.9 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 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 below-grade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 8. BR will construct and use a below-grade tank that does not have double walls. The below-grade tank's side walls will be open for visual inspection for leaks, the below-grade tank's bottom is elevated a minimum of six inches above the underlying ground surface and the below-grade tank is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

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

MANUAL OPERATION 1) PRODUCTION TANKS DRAINLINE 2) SWABLINE DRAIN LINE 3) ENVIROMENTAL DRAIN LINE FROM COMPRESSOR SKID DRAIN FROM SEPARATORS AUTOMATED OPERATION 1) VENT VALVE DRAIN LINE 2) DUMP LINE FROM SEPARATORS SWABLINE 3) AUTOMATIC SHUT OFF LSHH ACTIVATES AT 10' FROM TOP OF TANK VENT LINE **ENVIROMENTAL** DRAIN LINE 3" TRUCK LOADOUT CONNECTION SLOPE TO DRAIN TO RTU + TRUCK GROUND CONNECTION TO RTU = EXPANDED METAL COVER DRAIN LINES LSHH FROM TANKS HINGED MANWAY 3' TRUCK LUAD LINE DRIGINAL GRADE CORROGATED RETAINING WALL HEIGHT 56' 4" SLOTTED. 'SUPER MUFFLER' SA-36 3/16" PLATE SA-36 1/4" PLATE **DURASKRIM J45 IMPERMEABLE** LINER FOR VISIBLE 9 LEAK DETECTION PROPERLY CONSTRUCTED FOUNDATION VOID OF ANY SHARP DBJECTS

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		130BE	J	36B B	The state of the state of	45BB
Appearance		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages		Typical Ro
		Bla	ck/Black	Blac	ck/Black		Averages
Thickness	ASTM D 5199	27 mil	30 mil	32 mil		-	ck/Black
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs	36 mil	40 mil	45 mil 210 lbs
Construction				(21.74)	(24.19)	(27.21)	(30 24)
Ply Adhesion	ASTM D 413	LXI	T aminate	d with encapsul	ated tri-direction	nal scrim reinfo	rcement
	ASTIVI D 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs
1" Tensile Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD 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 750 DD	550 MD	750 MD
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD
Grab Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD
Trapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD
Dimensional Stability	ASTM D 1204	<1	<0.5			100 lbr DD	191 lbf DD
uncture Resistance	ASTM D 4833	50 lbf		<1	<0.5	<1	<0.5
faximum Use Temperature	1000		64 lbf	65 lbf	83 lbf	80 lbf	99 lbf
		180° F	180° F				
linimum Use Temperature = Machine Direction		-70° F	-70° F				

Diagonal Directions



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

*Dimensional Stability Maximum Value

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

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

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 Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is 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 Industries Inc. 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

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 not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) permitted below-grade tanks within 60 days of cessation of the below-grade 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 the C144 Closure Report as required.
- 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; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B 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 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. BR shall notify the division of its results on form C-141.
- If BR or the division determines that a release has occurred, then BR shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

- 7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then BR shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- 8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.
- The surface owner shall be notified of BR's closing of the below-grade tank prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 10. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 11. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. BR will repeat seeding or planting will be continued until successful vegetative growth occurs.
- 12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
- 13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the belowgrade tank. Closure report will be filed on C-144 and incorporate the following:
 - Soil Backfilling and Cover Installation
 - Re-vegetation application rates and seeding techniques
 - Photo documentation of the site reclamation
 - Confirmation Sampling Results
 - Proof of closure notice

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 50569

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	50569
	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.	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.

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

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

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

Operator Application Certification	
Registered / Signature Date	Not answered.

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ACKNOWLEDGMENTS

Action 50569

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Operator:	OGRID:	
HILCORP ENERGY COMPANY	372171	
1111 Travis Street	Action Number:	
Houston, TX 77002	50569	
	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.

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CONDITIONS

Action 50569

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CONDITIONS

Created By	Condition	Condition Date
cwhitehead	None	10/5/2021