### District I 1625 N French Dr , Hobbs, NM 88240

1301 W Grand Ave , Artesia, NM 88210

District III 1000 Rio Brazos Rd , Aztec, NM 87410

State of New Mexico Energy Minerals and Natural Resources

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

July 21, 2008 For temporary pits, closed-loop sytems, and below-grade

Form C-144

tanks, submit to the appropriate NMOCD District Office

For permanent pits and exceptions submit to the Santa Fe

District IV 1220 S St Francis Dr , Santa Fe, NM 87505		Environmental Bureau office and provide a copy to the appropriate NMOCD District Office
4172	Pit, Closed-Loop System, Below-C	Grade Tank, or
Prop	osed Alternative Method Permit or	Closure Plan Application
Type of action:	X Permit of a pit, closed-loop system, below-gr	rade tank, or proposed alternative method
	Closure of a pit, closed-loop system, below-g	grade tank, or proposed alternative method
	Modification to an existing permit	
	Closure plan only submitted for an existing public below-grade tank, or proposed alternative me	permitted or non-permitted pit, closed-loop system,
Instructions: Please submit one a	<u> </u>	ed-loop system, below-grade tank or alternative request
	of this request does not relieve the operator of liability should oper	
· · · · · · · · · · · · · · · · · · ·	eve the operator of its responsibility to comply with any other app	plicable governmental authority's rules, regulations or ordinances
Operator: Burlington Resources Oi	& Gas Company, LP	OGRID#: <u>14538</u>
Address: PO Box 4289, Farmingto	n, NM 87499	
Facility or well name: New Mexico	B Com 100	
API Number:3	0-045-34627 OCD Permit	Number
U/L or Qtr/Qtr: D(NW/NW) Secti	' '	
Center of Proposed Design: Latitude		
Surface Owner: Federal	X State Private Tribal Trust or	Indian Allotment
Lined Unlined L String-Reinforced	Cavitation P&A ner type: Thickness mil LLDP actory Other Volume.	E HDPE PVC Other bbl Dimensions L x W x D
Type of Operation: P&A Drying Pad Above Ground Lined Unlined Line	ion H of 19.15.17.11 NMAC  Drilling a new well Workover or Drilling (Approximate of intent)  Ind Steel Tanks Haul-off Bins Other  In type Thickness mil LLDPE  Actory Other	RECEIVED
	t of 19.15.17.11 NMAC  bl Type of fluid: Produced Water  Metal  tection X Visible sidewalls, liner, 6-inch lift an  Visible sidewalls only Other  mil HDPE PVC X Oth	nd automatic overflow shut-off
5 Alternative Method:		,

Fencing: Subsection D of 19 15 17 11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)  Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)  Four foot height, four strands of barbed wire evenly spaced between one and four feet  X Alternate Please specify 4' hogwire fence with a single strand of barbed wire on top.								
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								
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:  Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval.  Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	ideration of ap	pproval.						
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. 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						
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	XNo						
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	□NA							
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image								
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 X NA	No						
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	E1							
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	XNo						
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.								
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended  Written confirmation or verification from the municipality. Written approved obtained from the municipality.	Yes	XNo						
<ul> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	Yes	XNo						
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes	XNo						
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes	X No						
Within a 100-year floodplain - FEMA map	Yes	XNo						

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Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19 15.17 9 NMAC Instructions Each of the following items must be attached to the application—Please indicate, by a check mark in the box, that the documents are attached.							
X Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC							
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19 15.17.9							
X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15.17.10 NMAC							
X Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC							
X Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC							
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15.17.9 NMAC and 19.15.17.13 NMAC							
Previously Approved Design (attach copy of design) API or Permit							
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19 15.17 9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9							
Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC							
Design Plan - based upon the appropriate requirements of 19 15.17.11 NMAC							
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC							
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15.17 9  NMAC and 19 15.17 13 NMAC							
Previously Approved Design (attach copy of design)  API							
Previously Approved Operating and Maintenance Plan API							
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC							
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.							
Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15 17.9 NMAC							
Situng Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC							
Climatological Factors Assessment  Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC							
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC							
Leak Detection Design - based upon the appropriate requirements of 19.15 17 11 NMAC							
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC							
Quality Control/Quality Assurance Construction and Installation Plan							
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15 17.12 NMAC							
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19 15.17.11 NMAC							
Nuisance or Hazardous Odors, including H2S, Prevention Plan							
Emergency Response Plan  Oil Field Wests Strong Characterization							
Oil Field Waste Stream Characterization  Monitoring and Inspection Plan							
Erosion Control Plan							
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC							
14							
Proposed Closure: 19.15.17.13 NMAC							
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.							
Type. Drilling Workover Emergency Cavitation P&A Permanent Pit X Below-grade Tank Closed-loop System  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 Burial On-site Trench							
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)							
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.  Places indicate by a check mark in the box that the documents are attached.							
Please indicate, by a check mark in the box, that the documents are attached.    X  Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC							
X  Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC							
X   Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)							
Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC							
X Re-vegetation 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							

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Stee Instructions Please identify the facility or facilities for the disposal of liquids, drilling	I <u>Tanks or Haul-off Bins Only:</u> (19.15.17 13.D NMAC) fluids and drill cuttings—Use attachment if more than two fac	cilities							
Disposal Facility Name:	Disposal Facility Permit #:								
Disposal Facility Name:	Disposal Facility Permit #:	<del></del>							
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?  Yes (If yes, please provide the information No									
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 19.15.17.13 NMAC  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									
17  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 R certain siting criteria may require administrative approval from the appropriate district office of for consideration of approval Justifications and/or demonstrations of equivalency are required.	ecommendations of acceptable source material are provided below r may be considered an exception which must be submitted to the S								
Ground water is less than 50 feet below the bottom of the buried waste.  - NM Office of the State Engineer - tWATERS database search; USGS Data obtain	ned from nearby wells	Yes No							
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtain	ned from nearby wells	Yes No							
Ground water is more than 100 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtain	ned from nearby wells	Yes No							
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signific (measured from the ordinary high-water mark).	ant watercourse or lakebed, sinkhole, or playa lake	Yes No							
- Topographic map; Visual inspection (certification) of the proposed site	·								
Within 300 feet from a permanent residence, school, hospital, institution, or church in e - Visual inspection (certification) of the proposed site; Aerial photo, satellite image	xistence at the time of initial application	∐Yes ∐No							
Within 500 horizontal feet of a private, domestic fresh water well or spring that less tha purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existe - NM Office of the State Engineer - iWATERS database; Visual inspection (certific	ence at the time of the initial application. ation) of the proposed site								
Within incorporated municipal boundaries or within a defined municipal fresh water we pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obta		∐Yes ∐No							
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspe		Yes No							
Within the area overlying a subsurface mine Written confirantion or verification or map from the NM EMNRD-Mining and M	ineral Division	Yes No							
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mi	neral Resources; USGS; NM Geological Society;	Yes No							
Topographic map Within a 100-year floodplain FEMA map		Yes No							
On-Site Closure Plan Checklist: (19 15.17.13 NMAC) Instructions: Each of by a check mark in the box, that the documents are attached.	of the following items must bee attached to the 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 requiremen	ts of Subsection F of 19.15.17.13 NMAC								
Construction/Design Plan of Burial Trench (if applicable) based upon th	e appropriate requirements of 19.15.17.11 NMAC								
Construction/Design Plan of Temporary Ptt (for in place burial of a dryin	ng pad) - based upon the appropriate requirements of 19	.15.17.11 NMAC							
Protocols and Procedures - based upon the appropriate requirements of I									
Confirmation Sampling Plan (if applicable) - based upon the appropriate									
Waste Material Sampling Plan - based upon the appropriate requirement		make estim 18							
Disposal Facility Name and Permit Number (for liquids, drilling fluids at Soil Cover Design - based upon the appropriate requirements of Subsect	<del>-</del>	not be achieved)							
	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								

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19				
Operator Application Certification:  I hereby certify that the information submitted wi	th this application is true, acco	urate and complete to the l	nest of my knowledge and helief	
	tal Tafoya	Title:	Regulatory Technician	
Signature.	l Talous	Date	10/16/2009	
	conocophillips.com	Telephone Telephone	505-326-9837	
e man address.	00.100000111111111111111111111111111111		303 320 7031	
20			_	
OCD Approval: Permit Application (u	ncluding closure plan)	Closure Plan (only)	OCD Conditions (see attachm	ient)
OCD Representative Signature:	3/1-12/11		Approval Date:	0/20/09
Title: Eurio/spec	and your			
Title: Ewiro/spec		OCD Perm	it Number:	
21  Closure Report (required within 60 days of Instructions. Operators are required to obtain an report is required to be submitted to the division approved closure plan has been obtained and the	approved closure plan prior within 60 days of the completi	to implementing any closu on of the closure activities completed	re activities and submitting the closure	
22				
Closure Method:				
Waste Excavation and Removal	On-site Closure Method	Alternative Closure	Method Waste Removal (Close	d-loop systems only)
If different from approved plan, please ex	plain.			
23				·
Closure Report Regarding Waste Removal Clo				
Instructions: Please identify the facility or facili, were utilized.	ues jor wnere the uquias, aru	uing jiuias ana ariii cuttir	igs were aisposea. Use attachment if	more than two facilities
Disposal Facility Name:		Disposal Facility	Permit Number:	,
Disposal Facility Name:		Disposal Facility	Permit Number.	
Were the closed-loop system operations and as	· -	_	be used for future service and opearti	ons?
Yes (If yes, please demonstrate complilar	-	No		
Required for impacted areas which will not be Site Reclamation (Photo Documentation)	used for future service and o	perations:		
Soil Backfilling and Cover Installation				
Re-vegetation Application Rates and Seco	ling Technique			
24				
Closure Report Attachment Checklist:	Instructions: Each of the follow	lowing items must be atta	ched to the closure report. Please ind	icate, by a check mark in
the box, that the documents are attached.				
Proof of Closure Notice (surface owned)  Proof of Deed Notice (required for one)	, ,			
Plot Plan (for on-site closures and tem				
Confirmation Sampling Analytical Re	· · ·			
Waste Material Sampling Analytical F				
Disposal Facility Name and Permit Nu	, 11			
Soil Backfilling and Cover Installation				•
Re-vegetation Application Rates and S	Seeding Technique			
Site Reclamation (Photo Documentation	on)			_
On-site Closure Location Latitude	: <u>-</u>	Longitude:	NAD	27 🔲 1983
25 On and an Oleman Contifferation		<u>,, , , , , , , , , , , , , , , , , , ,</u>		
Operator Closure Certification:  I hereby certify that the information and attachme the closure complies with all applicable closure r		•		lge and belief. I also certify that
Name (Print):	- 4 contains and contains one of	Title.	<i>(</i>	
Signature:				<del></del>
		Date:		
e-mail address:		Telephone <sup>.</sup>		



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)

		(quarte							(NAD83 UTM	l in metere\		(In feet)	<b>1</b>
· · · · · · · · · · · · · · · · · · ·	ub		, Q	Q	Q						Depth D	epth V	Vater
POD Number ba	sin Use C	ounty	64	16	4	Sec	Tws	Rng	<u>X</u>	Y.	Well V	laterCo	olumn
SJ 00151	DOM	SJ	4	3	1	22	29N	11W	233396	4067109*	45	18	27
SJ 00320	DOM	SJ	1	3	1	22	29N	11W	233196	4067309*	38	10	28
SJ 00452	DOM	SJ				21	29N	11W	232270	4067057*	42	10	32
SJ 00484	DOM	SJ	1	3	1	22	29N	11W	233196	4067309*	37	10	27
SJ 00487	DOM	SJ		4	4	17	29N	11W	231313	4068078*	60	6	54
SJ 00583	DOM	SJ	2	3	3	20	29N	11W	230158	4066609*	150	30	120
SJ 00696	DOM	SJ		3	4	22	29N	11W	234085	4066368*	34	12	22
SJ 00701	DOM	SJ	1	2	2	21	29N	11W	232807	4067720*	73		
SJ 00704	DOM	SJ		2	1	22	29N	11W	233714	4067596*	55	20	35
SJ 00796	DOM	SJ		2	1	22	29N	11W	233714	4067596*	50	8	42
SJ 01090	DOM	SJ		4	2	21	29N	11W	232896	4067221*	31	12	19
SJ 01214	DOM	SJ		3	1	22	29N	11W	233297	4067210*	49	12	37
SJ 01355	IRR	SJ		4	4	20	29N	11W	231265	4066468*	36	3	33
SJ 01557	DOM	SJ		2	1	22	29N	11W	233714	4067596*	70	11	59
SJ 01703	DOM	SJ		2	1	22	29N	11W	233714	4067596*	68	3	65
SJ 01851	DOM	SJ		4	4	10	29N	11W	234586	4069572*	125	48	77
SJ 01888	DOM	SJ	2	2	4	21	29N	11W	232982	4066921*	47	8	39
SJ 01969	DOM	SJ			2	21	29N	11W	232695	4067434*	65	55	10
SJ 01974	DOM	SJ	3	3	4	22	29N	11W	233984	4066267*	47	11	36
SJ 02020	DOM	SJ		3	3	22	29N	11W	233273	4066412*	27	6	21
SJ 02138	DOM	SJ		2	4	22	29N	11W	234497	4066770*	40	7	33
SJ 02141	DOM	SJ	4	3	4	16	29N	11W	232618	4067931*	110	40	70
SJ 02200	DOM	SJ				22	29N	11W	233876	4067015*	60	22	38
SJ 02378	DOM	SJ	2	3	4	15	29N	11W	234229	4068080*	75	12	63
SJ 02529	DOM	SJ	3	2	4	22	29N	11W	234396	4066669*	30	9	21
SJ 02578	DOM	SJ	3	3	2	22	29N	11W	234007	4067082*	58	24	34
SJ 02721	DOM	SJ		4	1	22	29N	11W	233702	4067197*		59	
SJ 02813	DOM	SJ	3	2	1	22	29N	11W	233613	4067495*	59	16	43
SJ 02863	DOM	SJ	1	4	2	21	29N	11W	232795	4067320*	52	20	32
the set of the second sector of forms DLOC	11-1-												

(quarters are smallest to largest) (NAD83 UTM in meters) (In feet) Sub Q Q Q Depth Depth Water

basin Use County 64 16 4 Sec Tws Rng X Y Well WaterColumn **POD Number** DOM SJ 02868 SJ 4 4 4 17 29N 11W 231412 4067977\* 50 231199 SJ 02869 DOM SJ 1 2 2 20 29N 11W 4067773\* 50 SJ 02926 DOM SJ 3 4 2 17 29N 11W 231238 4068779\* 375 80 295 SJ 03049 DOM 4 2 4 22 29N 11W 234596 4066669\* 33 10 23 SJ SJ 03093 DOM SJ 4 3 2 22 29N 11W 234207 4067082\* 42 22 20 SJ 03188 DOM SJ 2 2 3 22 29N 11W 233790 4066892\* 45 11 34 SJ 03189 DOM SJ 1 2 3 22 29N 11W 233590 4066892\* 45 20 25 SJ 03350 DOM 3 2 2 21 29N 232807 4067520\* 50 SJ 11W SJ 03399 DOM SJ 2 4 17 29N 11W 231326 4068479\* 100 SJ 03479 DOM SJ 3 2 4 22 29N 11W 234396 4066669\* 43 4 39 SJ 03503 DOM SJ 3 3 2 22 29N 11W 234007 4067082\* 72 18 54 SJ 03532 DOM SJ 3 3 1 22 29N 11W 233196 4067109\* 49 14 35 SJ 03579 DOM S.I 1 4 4 15 29N 11W 234431 4068068\* 83 30 53 SJ 03659 DOM SJ 2 2 3 21 29N 11W 232178 4066943\* 45 10 35 SJ 03733 POD1 DOM SJ 1 2 4 15 29N 11W 234444 4068469\* 64 20 44 22 SJ 03747 POD1 DOM SJ 3 2 1 29N 11W 233613 4067495\* 47 27 20 3 4 2 SJ 03826 POD1 DOM SJ 16 29N 11W 232782 4068642 175 SJ 03837 POD1 DOM SJ 2 4 2 21 29N 11W 232976 4067363 51 19 32 SJ 03869 POD1 **EXP** SJ 1 4 21 29N 11W 232479 4066905 18 8 10 8 SJ 03869 POD2 **FXP** SJ 4 21 29N 11W 232446 4066882 19 11 SJ 03869 POD3 **EXP** 21 29N 11W 232472 4066865 SJ 1 4 19 8 11

Average Depth to Water:

18 feet

Minimum Depth:

3 feet

Maximum Depth:

80 feet

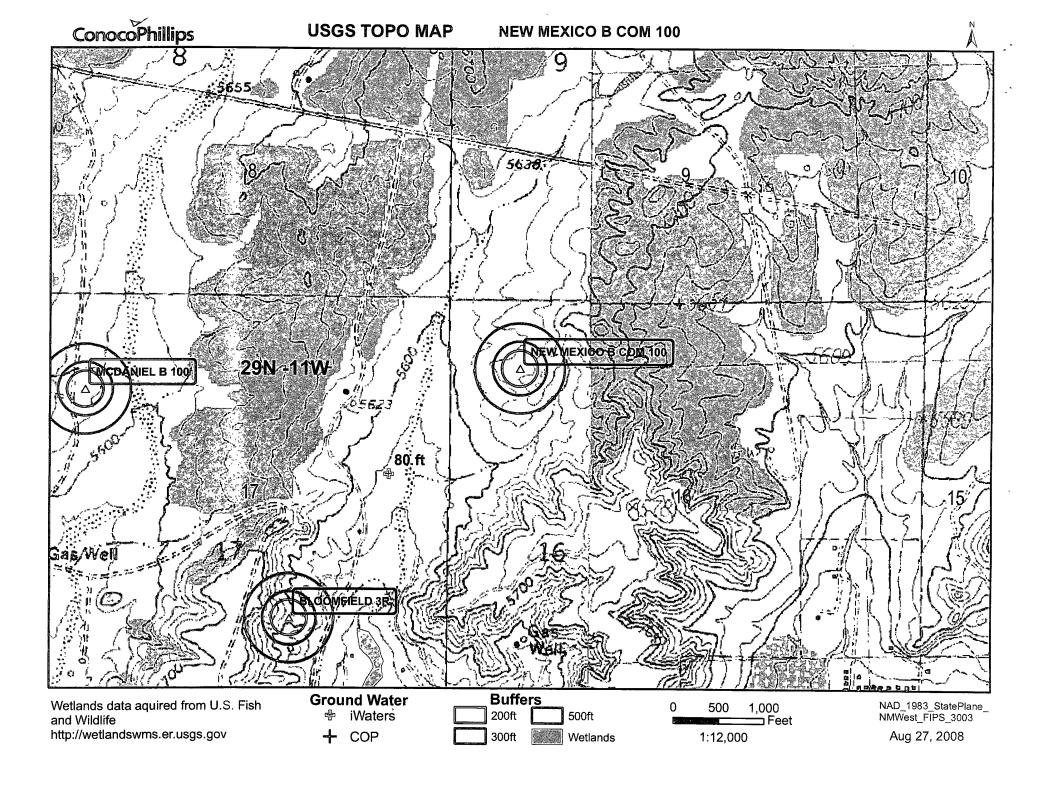
**Record Count: 50** 

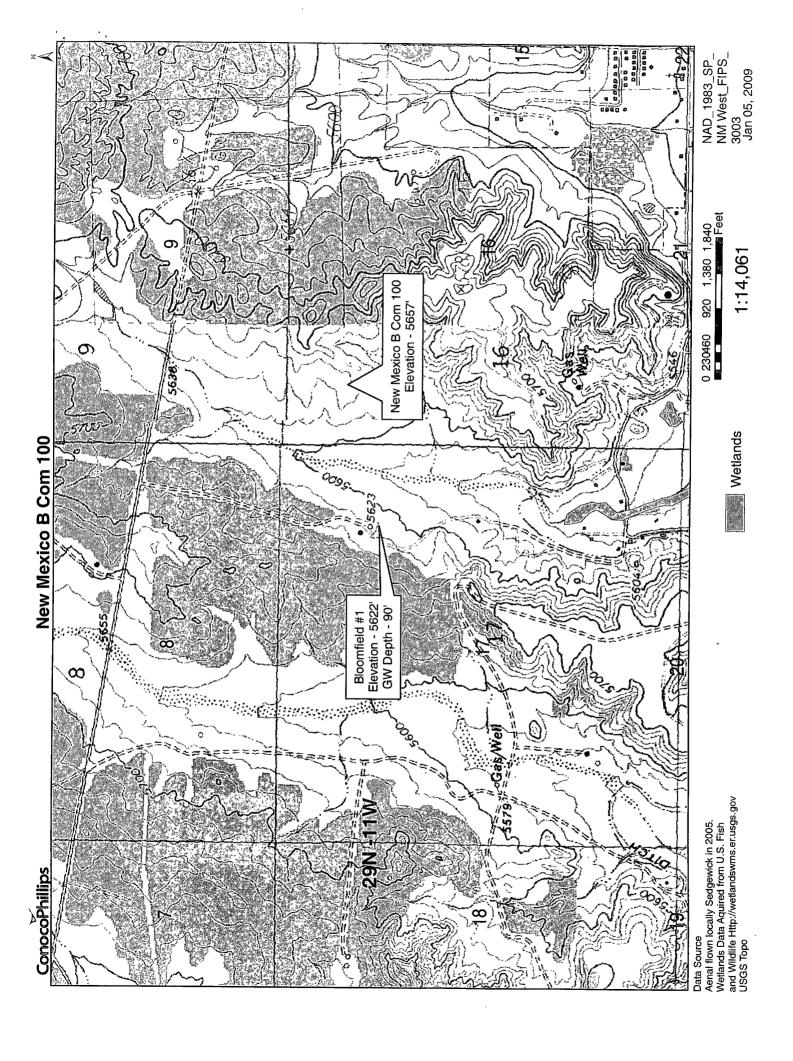
PLSS Search:

Section(s): 8, 9, 10, 15, 16, Township: 29N Range: 11W

17, 20, 21, 22

\*UTM location was derived from PLSS - see Help





## DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO (Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: UnitNE Sec.17 Twp 29 Rng 11
Name of Well/Wells or Pipeline Serviced ©BLOOMFIELD:#1. #2
cps 752w
Elevation 5622' Completion Date 4/7/66 Total Depth 298' Land Type* N/A
Casing, Sizes, Types & Depths N/A
If Casing is cemented, show amounts & types used N/A
If Cement or Bentonite Plugs have been placed, show depths & amounts used  N/A
Depths & thickness of water zones with description of water when possible:  Fresh, Clear, Salty, Sulphur, Etc. 90 MAY 31 1991
Depths gas encountered: N/A OIL CON:
Type & amount of coke breeze used: 3375 lbs. DIST.?
Depths anodes placed: 280', 263', 256', 249', 242', 235', 229', 223', 216', 210', 201'
Depths vent pipes placed: N/A
Vent pipe perforations: N/A
Remarks: gb #1

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

<sup>\*</sup>Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee. If Federal or Indian, add Lease Number.

#### Santa Fe, New Mexico

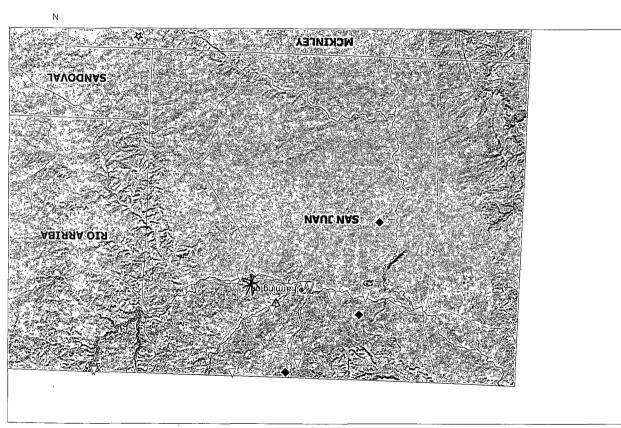
REQUEST FOR (OIL) - (GAS) ALLOWABLE

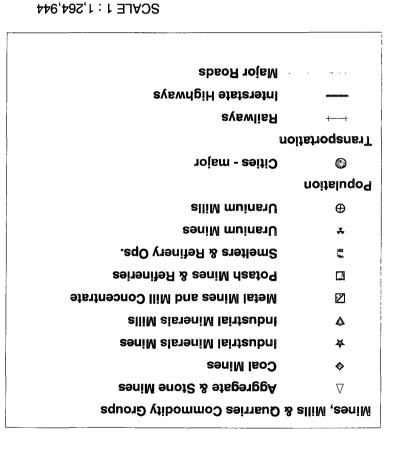
New Well 

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7.00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

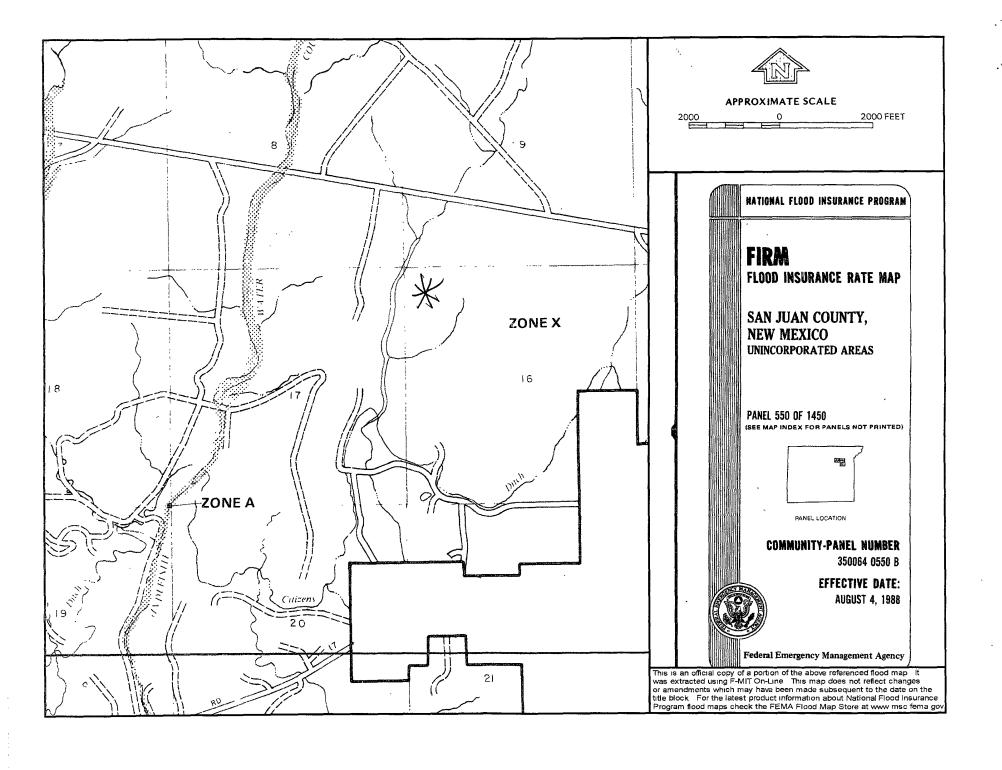
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## NEW MEXICO B COM 100 MINES, MILLS & QUARRIES WEB MAP





WIFES



### Hydrogeological Report for New Mexico B Com 100

#### **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 commformably 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.

#### Siting Criteria Compliance Demonstration & Hydro Geologic Analysis

The New Mexico B Com 100 is not located in an unstable area. The location is not over a mine and is not on the side of a hill as indicated on the Mines, Mills and Quarries Map and Topographic Map. The location of the excavated pit material will not be located within 300' of any continuously flowing watercourse or 200' from any other watercourse as indicated on the Topographic Map. The location is not within a 100-year floodplain area as indicated on the FEMA Map. The Cathodic well data from the Bloomfield 1 has an elevation of 5622' and groundwater depth of 90'. The subject well has an elevation of 5657' which is 35' greater than the Bloomfield 1, therefore the groundwater depth is greater than 100'. There are no iWATERS data points located in the area as indicated on the TOPO Map. The hydro geologic analysis indicates the groundwater depth and the Nacimiento formation will create a stable area for this new location.

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

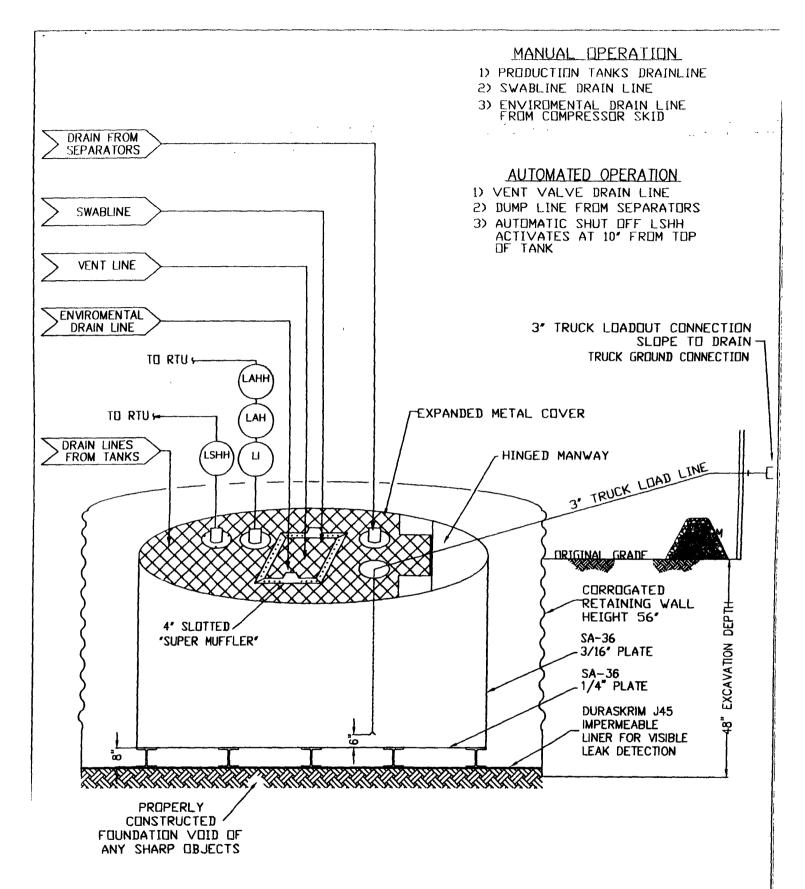


In accordance with NMAC 19.15.17 the following information describes the design and construction of below grade tanks on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all below grade tanks (BGT). A separate plan will be submitted for any BGT which does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

#### General Plan:

- 1. 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.
- 2. 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.
- 5. BR shall ensure that a below-grade tank is constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- The BR below-grade tank system shall have a properly constructed foundation
  consisting of a level base free of rocks, debris, sharp edges or irregularities to
  prevent punctures, cracks or indentations of the liner or tank bottom as shown on
  design drawing.
- 7. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a belowgrade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 8. BR will construct and use a below-grade tank that does not have double walls. The below-grade tank's side walls will be open for visual inspection for leaks, the below-grade tank's bottom is elevated a minimum of six inches above the underlying ground surface and the below-grade tank is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

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



### ConocoPhillips

San Juan Business Unit

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

PROPERTIES	TEST METHOD	J.	ose:	J36	ĒĒ,	. J4	E .	
		Min. Rolf Averages	Fypical Roll Averages	Min. Rolf Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	
Appearance .		Blac	k/Black	Black	/Black	Black	/Black	
Thickness	ASTM D 5199	2 <b>7</b> mil	30 mil	32 mil	36 mil	40 mil	45 mil	
Weight Lbs Per MSF (oz/yd²);	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs (21.74)	168 lbs (24.19)	189 lbs (27.21)	210 lbs (30.24)	
Construction 8		**Extr	usion laminated	with encapsula	ted tri-direction	al scrim reinford	ement	
Ply Adhesion	ASTM 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 550 DD	750 MD 750 DD	
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD	
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD	
Grab Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD	
Trapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD 191 lbf DD	
* Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0.5	<1	<0.5	
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf	65 lbf	83 lbf	80 ibf	99 lbf	
Maximum Use Temperature		180° F						
Minimum Use Temperature		-70° F						

MD = Machine Direction DD = Diagonal Directions



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

\*Dimensional Stability Maximum Value

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

Note: PAYEN 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 discums oil liability for resulting loss or damage.

#### 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 INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

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

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

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

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

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

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

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

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

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

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

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

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

#### General Plan:

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

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

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

#### **General Requirements:**

- 1. BR shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if 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.
- 4. 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.
- 6. 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.
- 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