District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W Grand Ave, Artesia, NM 88210

District III

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

1220 S St Francis Dr , Santa Fe, NM 87505

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

Form C-144

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

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office

Proposed Alternative Method Permit or Closure Plan Application
Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
Modification to an existing permit
X Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538
Address: PO Box 4289, Farmington, NM 87499
Facility or well name: EPNG B 1M
API Number: 30-045-34343 OCD Permit Number:
U/L or Qtr/Qtr: B(NW/NE) Section: 28 Township: 32N Range: 6W County: San Juan
Center of Proposed Design: Latitude: 36'57'16.6 °N Longitude: 107'27'27.2 °W NAD: 1927 X 1983 Surface Owner: X Federal State Private Tribal Trust or Indian Allotment
Surface Owner: X Federal State Tribal Trust or Indian Allotment
Permanent Emergency Cavitation P&A DIST. 3 X String-Reinforced RCUD JUL 22 '03 OIL CONS. DIV. DIST. 3 DIST. 3 A DIST. 3 DIST. 3
Liner Seams: X Welded X Factory Other Volume: 4400 bbl Dimensions L 65' x W 45' x D 10'
Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other Luner Seams: Welded Factory Other
Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume:
Liner Type: ThicknessmilHDPEPVCOther
Alternative Method:
Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval

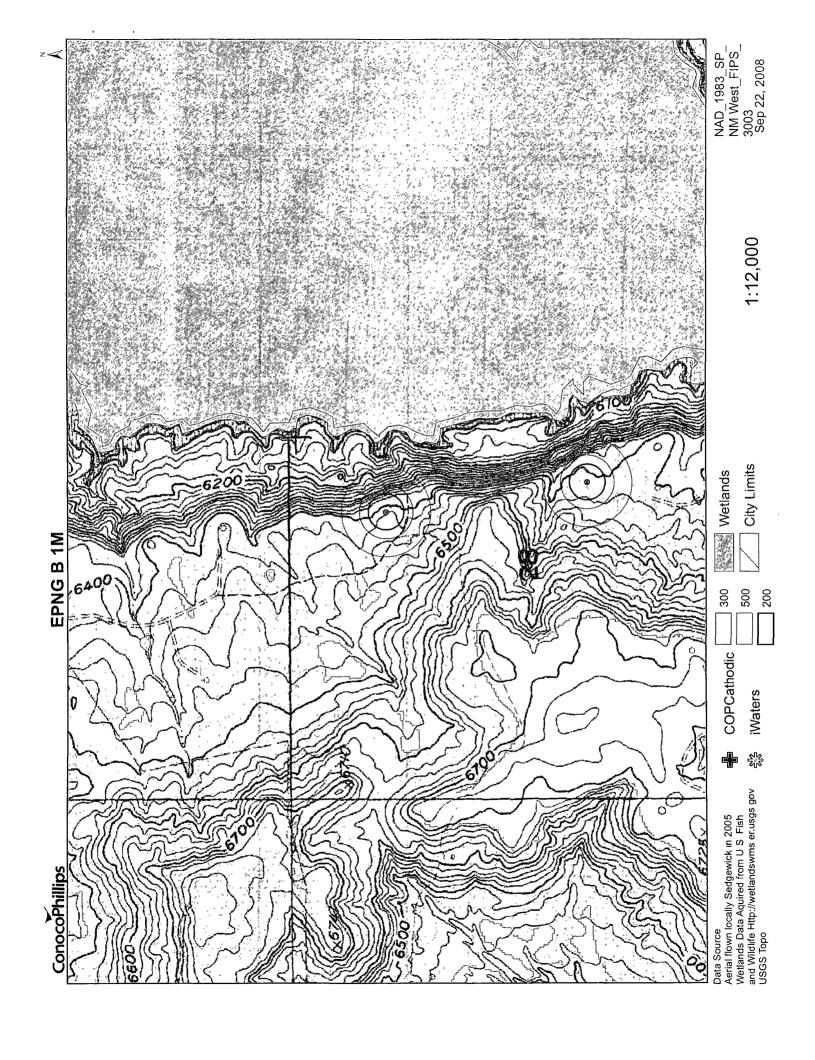
Fencing: Subsection D of 19 15.17 11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)						
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)						
Four foot height, four strands of barbed wire evenly spaced between one and four feet	inition or cities	-117				
X Alternate Please specify 4' hogwire fence with a single strand of barbed wire on top.						
A negwire fence with a single straint of barbed wite on top.						
7						
Netting: Subsection E of 19 15.17 11 NMAC (Applies to permanent pits and permanent open top tanks)						
Screen Netting Othei						
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						
is organic in companies with 17/15/5/100 Harre						
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 cons (Fencing/BGT Liner)	ideration of ap	proval				
· · · · · · · · · · · · · · · · · · ·						
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.						
10						
Siting Criteria (regarding permitting): 19.15.17.10 NMAC						
Instructions: The applicant must demonstrate compliance 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.						
		□No				
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	⊔м				
•						
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa	∐Yes	No				
lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site						
ropographic map, visual inspection (continuation) of the proposed site						
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial	Yes	No				
application.						
(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.	Yes	No				
(Applied to permanent pits)	NA					
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image						
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering	∏Yes	□No				
purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.		ш				
,						
- NM Office of the State Engineer - 1WATERS 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	Yes	No				
adopted pursuant to NMSA 1978, Section 3-27-3, as amended						
 Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. 		□No				
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes	□'''0				
Within the area overlying a subsurface mine.	∏Yes	□No				
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	🗀 😘	الساء				
Within an unstable area.						
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	"``	⊔				
Society; Topographic map						
Within a 100-year floodplain	Yes	No				
- FEMA map						

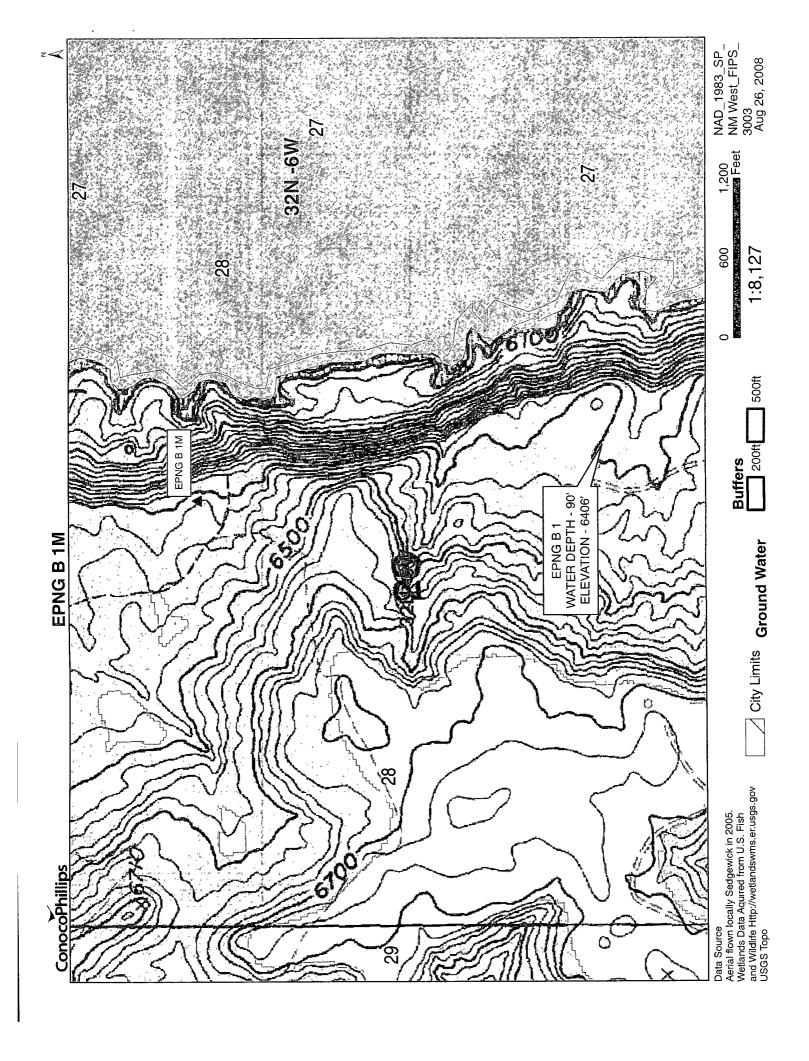
Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19 15 17 9 NMAC						
Instructions Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached [] Hydrogeologic Percent (Poloving and Tanks), bessed upon the requirements of Percentage (A) of Subsection P. of 10.15.17.0 NIMAC.						
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						
String Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC						
Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC						
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						
12						
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 Goodogie and Hudrounderic Data (only for any orthology), based upon the requirements of Paragraph (2) of Subsection P of 10.15.17.0						
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						
13						
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						
Siting 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						
Oll 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						
Cosure Plan - based upon the appropriate requirements of Subsection Col 15.13.17.5 WMAC and 15.13.17.13 WMAC						
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: When we have a complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.						
Type: X Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative						
Proposed Closure Method.						
Waste Removal (Closed-loop systems only)						
X On-site Closure Method (only for temporary pits and closed-loop systems)						
XIn-place Burial On-site Trench						
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)						
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.						
Please indicate, by a check mark in the box, that the documents are attached.						
Protocols and Procedures - based upon the appropriate requirements of 19 15.17.13 NMAC						
Confirmation Sampling Plan (if applicable) - 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)						
Soil Backfill and Cover Design Specifications - 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						

Form C-144 Oil Conservation Division Page 3 of 5

16 Wester Demonstrationary For Classical Incompany That Hilling About Crossed Steel Turks on Houle of Dire Only (10.15.17.12 DAMAC)							
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19 15.17 13.D NMAC) Instructions. Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two fe	icilities						
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 future set. Yes (If yes, please provide the information No	ervice 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 19.15.17.13 NMAG	٦.						
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC							
Site Reclamation Plan - based upon the approprate requirements of Subsection G of 19.15.17.13 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 provided below							
certain siting cuteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the for consideration of approval Justifications and/or demonstrations of equivalency are required. Please refer to 19.15 17.10 NMAC for guidance	зана ге интоптения вигсак одне						
Ground water is less than 50 feet below the bottom of the buried waste.	Yes X No						
- NM Office of the State Engineer - iWATERS database search, USGS: Data obtained from nearby wells	□N/A □						
Consideration in Laterator 60 and 100 foot below the best on of the brain of the	Yes X No						
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	□ N/A						
Ground water is more than 100 feet below the bottom of the buried waste.	X 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 lake (measured from the ordinary high-water mark).	Yes X No						
- Topographic map; Visual inspection (certification) of the proposed site							
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes X No						
- Visual inspection (certification) of the proposed site; Aerial photo; satellite image	Yes X No						
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering	LITCS AINO						
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 adopted pursuant to NMSA 1978, Section 3-27-3, as amended.	Yes XNo						
- Written confirmation or verification from the municipality, Written approval obtained from the municipality							
Within 500 feet of a wetland	Yes X No						
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine.	Yes X No						
- Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division							
Within an unstable area.	Yes X No						
- 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						
18							
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must bee attached to the closur by a check mark in the box, that the documents are attached.	re plan. Please indicate,						
X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC							
X 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 NMAC							
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 1	9.15.17.11 NMAC						
X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC							
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC							
X Waste Material Sampling Plan - 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 or in case on-site closure standards cannot be achieved)							
X Soil Cover Design - 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							

Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my	
	gulatory Technician
Signature Date Date	7/21/09
c-mail address: crystel tafoya@conocophillips com Telephone	<i>I</i> ₅₀₅ <i>I</i> ₃₂₆₋₉₈₃₇
OCD Representative Signature: BM JUL	O Conditions (see attachment) Approval Date: 7/29/09
Title: Enviro Spec OCD Permit Number	er:
Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities report is required to be submitted to the division within 60 days of the completion of the closure activities Please dapproved closure plan has been obtained and the closure activities have been completed. Closure Completed.	o not complete this section of the form until an
22	
Closure Method: Waste Excavation and Removal On-site Closure Method Alternative Closure Method If different from approved plan, please explain	Waste Removal (Closed-loop systems only)
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were divere utilized. Disposal Facility Name: Disposal Facility Permit Nu: Were the closed-loop system operations and associated activities performed on or in areas that will not be used for Yes (If yes, please demonstrate compliane to the items below) Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	isposed. Use attachment if more than two facilities mber: mber:
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude: Longitude:	closure report. Please indicate, by a check mark in NAD 1927 1983
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete closure complies with all applicable closure requirements and conditions specified in the approved closure plant.	
Name (Print) Title.	
Signature: Date.	
e-mail address: Telephone	





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

Operator MERIDIAN OIL	Location: Unit SE Sec. 28 Twp 32 Rng 6
Name of Well/Wells or Pipeline Servi	.ced EPNG B #1
	cps 1784w
Elevation 6406 Completion Date 9/3/85	Total Depth 400' 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 be	en placed, show depths & amounts used
Depths & thickness of water zones wi	th description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc.	-
Depths gas encountered: N/A	
Type & amount of coke breeze used:	5000 lbs.
Depths anodes placed: 380', 370', 360',	350', 335', 325', 305', 290', 270', 115'
Depths vent pipes placed: 395'	ID) ECH META
Vent pipe perforations: 320'	MAKATHEATH W
Remarks: /gb #1	OIL CON DIV
	DIST. 3

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.

^{*}Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee. If Federal or Indian, add Lease Number.

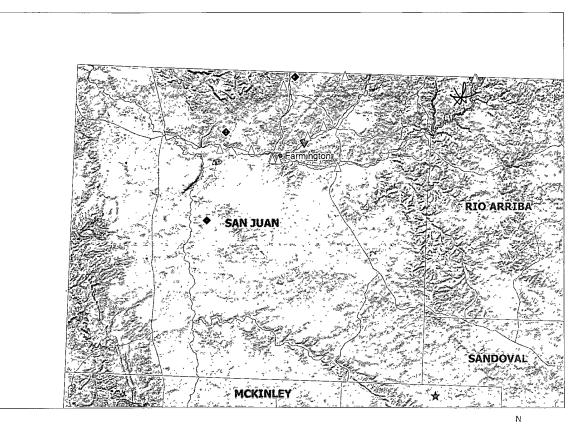
NEW MEXICO OIL CONSERVATION COMMISSION. WELL LOCATION AND ACREAGE DEDICATION PLAT

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ConocoPhillips **EPNG B 1M** 22 ERNG B 1M Data Source NAD_1983_SP_ NM West_FIPS_ 0 275 550 1,100 650 2,200 Feet 1,650 Aerial flown locally Sedgewick in 2005.
Wetlands Data Aquired from U.S. Fish
and Wildlife Http://wetlandswms er.usgs.gov
USGS Topo Wetlands 300 3003 Sep 23, 2008 City Limits 1000 1:12,000

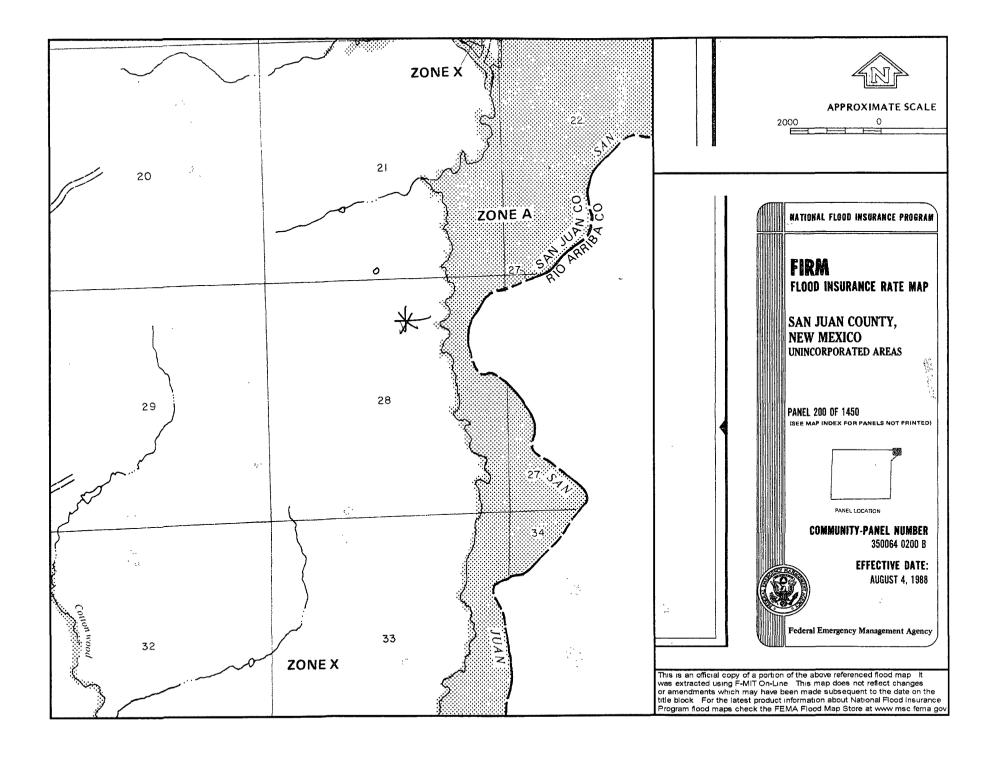
EPNG B 1M MINES, MILLS & QUARRIES WEB MAP

Mines, Mills & Quarries Commodity Groups							
Δ	Aggregate & Stone Mines						
•	Coal Mines						
*	Industrial Minerals Mines						
V	Industrial Minerals Mills						
Ø	Metal Mines and Mill Concentrate						
	Potash Mines & Refineries						
	Smelters & Refinery Ops.						
*	Uranium Mines						
•	Uranium Mills						
Population							
•	Cities - major						
Transportati	ion						
+++	Railways						
	Interstate Highways						
*** *** *	·- Major Roads						
							









Hydrogeological report for EPNG B 1M

Regional Hydrogeological context:

The San Jose Formation of Eocene age occurs in New Mexico and Colorado, and its outcrop forms the land surface over much of the eastern half of the central basin. It overlies the Nacimiento Formation in the area generally south of the Colorado-New Mexico State line and overlies the Animas Formation in the area generally north of the State line.

The San Jose Formation was deposited in various fluvial-type environments. In general, the unit consists of an interbedded sequence of sandstone, siltstone, and variegated shale. Thickness of the San Jose Formation generally increases from west to east (200 feet in the west and south to almost 2,700 feet in the center of the structural basin). Ground water is associated with alluvial and fluvial sandstone aquifers. Thus, the occurrence of ground water is mainly controlled by the distribution of sandstone in the formation. The distribution of such sandstone is the result of original depositional extent plus any post-depositional modifications, namely erosion and structural deformation. Transmissivity data for San Jose Formation are minimal. Values of 40 and 120 feet squared per day were determined from two aquifer tests (Stone et al, 1983, table 5). The reported or measured discharge from 46 water wells completed in San Jose Formation ranges from 0.15 to 61 gallons per minute and the median is 5 gallons per minute. Most of the wells provide water for livestock and domestic use.

The San Jose Formation is a very suitable unit for recharge from precipitation because soils that form on the unit are sandy and highly permeable and therefore readily adsorb precipitation. However, low annual precipitation, relatively high transpiration and evaporation rates, and deep dissection of the San Jose Formation by the San Juan River and its tributaries all tend to reduce the effective recharge to the unit.

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

Siting Criteria Compliance Demonstration & Hydro Geologic Analysis

The EPNG B 1M 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 EPNG B 1 has an elevation of 6406' and groundwater depth of 90'. The subject well has an elevation of 6429' which is 23' greater than the EPNG B 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 San Jose formation will create a stable area for this new location.

Tafoya, Crystal

From:

Tafoya, Crystal

Sent:

Thursday, July 10, 2008 8:16 AM

To: Subject:

'mark_kelly@nm.blm.gov' OCD Pit Closure Notification

The following temporary pits will be closed on-site. The new OCD Pit Rule 17 requires the surface owner be notified. Please feel free to contact me at any time if you have any questions. Thank you!

Allison Unit 2B

Allison Unit 40N

Angel Peak B 27E

Ballard 11F

Cain 725S

Canyon Largo Unit 250N

Canyon Largo Unit 279E

Canyon Largo Unit 288E

Canyon largo Unit 297E

Canyon Largo Unit 465E

Carson SRC 4E

Day B 4P

Day B 5A

East 17S

EPNG A 1B

EPNG B 1M

Federal A 1E

Filan 5M

Filan 5N

Fogelson 4 100

Fogelson 4 100S

Grambling C 202S

Hagood 19

Hamner 9S

Hardie 4P

Hare 295

Heaton Com 100

Helms Federal 1G

Howell 12

Huerfanito Unit 103F

Huerfanito Unit 29S

Huerfanito Unit 39S

Huerfanito Unit 47S

Huerfanito Unit 50E

Huerfanito Unit 75E

Huerfanito Unit 83E

Huerfanito Unit 87E

Huerfanito Unit 90E

Huerfanito Unit 90M

Huerfanito Unit 98S

Huerfano Unit 108F

Huerfano Unit 282E

Huerfano unit 305

Huerfano unit 307

Huerfano Unit 554

Johnston Federal 24S

DESTRICT I 1925 N. French Dr., Hobbs, N.M. 88340

State of New Mexico Energy, Minerals & Natural Resources Department

DISTRICT II 1301 West Grand Avenue, Artesia, N.M. 88210

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease 4 Copies

Pee Lease 3 Copies

210 FMANUED REPORT

Product III

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87506

	W]	ELL LO	OCATIO	N AND AC	REAGE DEDI	CATION PL		44	
'API Number 30-045-343	413	723	*Pool Code 319/715	99	Blanco Mesa	*Pool Nam verde/Bas	in Dakota		
Property Code	Property Name EPNG B					perty Name * Well Number			
YOGRID No.		BURLI	NGTON RE	Operator	Name AND GAS COMPA	NY LP	i	Elevation 8429	
14536	L	·		10 Surface	Location				
UL or lot no. Section 28	Township 32-N	Range 8-W	Lot Idn	Feet from the 1000'	North/South line NORTH	Feet from the 2160'	East/Vest line. EAST	County SAN JUAN	
		11 Botto	om Hole	Location	f Different Fro	m Surface	A		
UL or lot no. Section	Township	Range	Lot lite	Feet from the	North/South line	Feet from the	East/West line	County	
A 28	32-N	6~W	Ladill?	1230'	NORTH	740'	EAST	SAN JUAN	
MV/DK 320 E/	2					,		_	
NO ALLOWABLE V					ON UNTIL ALL EEN APPROVED			ONSOLIDATED	
36'57.3382' N. S. (107'27.7081' V. NAD 1927 Surface	LAT: 36'57'2 LONG: 1072' NAD 1983 Surface		8m.	2160' lece 57.3093' N. 0727.4163' W.	Poor W 740' Bottom Hale 10727'27.2' NAD 1983 Bottom Hole	fe frue one belief, and a sovoleng land technic has a right to a control or a result to a control or a contro	nda Rogers Kame	of the hanceledge and stiller sums as the sum of the same as the leading of the l	
(*)				USA NA	2014	I heroby on wee plotted me or wade and correct	JRVEYOR CEI right shat the west known from field notice of an may supervision, and to the best of my both AND AND AND AND AND AND AND AND AND AND AND AND AND AND AND AND AND AND	tion absence on this plant our own to be the same to brus	

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

In accordance with Rule 19.15.17.12 NMAC the following information describes the closure requirements of temporary pits on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

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 pit closure. Closure report will be filed on C-144 and incorporate the following:

- Details on Capping and Covering, where applicable.
- Plot Plan (Pit Diagram)
- Inspection Reports
- Sampling Results
- C-105
- Copy of Deed Notice will be filed with County Clerk

General Plan:

- All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division—approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves. The facilities to be used will be Basin Disposal (Permit #NM-01-005) and Envirotech Land Farm (Permit #NM-01-011).
- 2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met.
- 3. The surface owner shall be notified of BR's closing of the temporary pit prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 4. Within 6 months of the Rig Off status occurring BR will ensure that temporary pits are closed, re-contoured, and reseeded.
- 5. 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
 - Location by Unit Letter, Section, Township, and Range. Well name and API number.
- 6. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "All" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at the San Juan County Landfill located on CR 3100.
- 7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.
- 8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

Components	Tests Method	Limit (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	500
Chlorides	EPA 300.1	(1000/ 5 00

- 9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. 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. If standard testing fails BR will dig and haul all contents pursuant to 19.15.17.13.i.a. After doing such, confirmation sampling will be conducted to ensure a release has not occurred.
- 10. During the stabilization process if the liner is ripped by equipment the Aztec OCD office will be notified within 48 hours and the liner will be repaired if possible. If the liner can not be repaired then all contents will be excavated and removed.
- 11. Dig and Haul Material will be transported to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit # NM010011
- 12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Reshaping 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.
- 13. Notification will be sent to OCD when the reclaimed area is seeded.
- 14. 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 federal 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. Repeat seeding or planting will be continued until successful vegetative growth occurs.

Туре	Variety or Cultivator	PLS/A
Western wheatgrass	Arriba	3.0
Indian ricegrass	Paloma or Rimrock	3.0
Slender wheatgrass	San Luis	2.0
Crested wheatgrass	Hy-crest	3.0
Bottlebrush Squirreltail	Unknown	2.0
Four-wing Saltbrush	Delar	.25

Species shall be planted in pounds of pure live seed per acre: Present Pure Live Seed (PLS) = Purity X Germination/100 Two lots of seed can be compared on the basis of PLS as follows:

Source No. One (poor quality)
Purity
50 percent
Germination
Percent PLS
20 percent
Germination
Percent PLS
38 follows:
Source No. two (better quality)
Purity
80 percent
Germination
63 percent
Percent PLS
50 percent

5 lb. bulk seed required to make 2 lb. bulk seed required to make

1 lb. PLS 1 lb. PLS

15. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time of all wells on the pad are abandoned. The operator's information will include the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.