1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avc., Artesia, NM 88210

District III

State of New Mexico Energy Minerals and Natural Resources

Department Oil Conservation Division 1220 South St. Francis Dr.

Form C-144 July 21, 2008

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

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM	8/505	-	and exceptions submit to the santa re an office and provide a copy to the D District Office.
Pi	t, Closed-Loop System			
Propose	d Alternative Method F	<u>Permit or Closu</u>	<u>ıre Plan Ap</u> r	<u>olication</u>
Type of action:	Permit of a pit, closed-loop syst	em, below-grade tan	k, or proposed al	ternative method
	Closure of a pit, closed-loop sys	stem, below-grade ta	nk, or proposed a	alternative method
X	Modification to an existing perr	mit		
	Closure plan only submitted for below-grade tank, or proposed a	0 1	ed or non-permitt	ed pit, closed-loop system,
Instructions: Please submit one applic	S , 1 1		svstem helow-a	rade tank or alternative request
Please be advised that approval of this	request does not relieve the operator of lial ne operator of its responsibility to comply v	bility should operations res	ult in pollution of surf	ace water, ground water or the
I Operator: Burlington Resources Oil &			OGRID#: 1453	
Address: PO Box 4289, Farmington, N				
Facility or well name: CANYON LARGE	*			
	9-30951	OCD Permit Number		· ····································
U/L or Qtr/Qtr: I(NE/SE) Section:	10 25N 25N		W County:	Rio Arriba
Center of Proposed Design: Latitude:	36.411329 °N	Longitude:	107.44691	°W NAD: ☐ 1927 X 1983
Surface Owner: X Federal	State Private T	ribal Trust or Indian	Allotment	
Permanent Emergency Cavita X Lined Unlined Liner to X String-Reinforced Liner Seams: X Welded X Factor	type: Thickness 20 mil	LLDPE F	Dimensions	Other x W _55' _ x D _12'
	H of 19.15.17.11 NMAC rilling a new well \	0 () ,	ctivities which requ	uire prior approval of a permit or
Drying Pad Above Ground S	teel Tanks Haul-off Bins	Other		
Lined Unlined Liner typ	e: Thickness mil	LLDPE HI	OPE PVD	Other
Liner Seams: Welded Factor	y Other	-		223242526273
4 Below-grade tank: Subsection I of I	9.15.17.11 NMAC			OFF PECEIVED SOLUTION 68 LOSS OFF THE COMMENT OF T
Volume: max 120 bbl	Type of fluid: Produced V	Vater		SE JAN 201 ED
Tank Construction material:	Metal			CONS DE
Secondary containment with leak detection	<u></u>		natic overflow shut-	off \signature OIST. 3
Visible sidewalls and liner Liner Type: Thickness 45		her Voltage III	DDE	
Liner Type: Thickness 45	mil HDPE PVC	X Other LI	LDPE	
5 Alternative Method:				
Submittal of an exception request is required	I. Exceptions must be submitted to t	he Santa Fe Environm	ental Bureau office	for consideration of approval.

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and helow-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, inst Four foot height, four strands of barbed wire evenly spaced between one and four feet	itution or chui	rch)
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)		
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 cons (Fencing/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	ideration of ap	proval.
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	X No
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	<u></u>	<u></u>
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes XNA	∐No
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	XNo
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.		
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended	Yes	XNo
 Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	Yes	XNo
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes	X No
 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

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 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
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. 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
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
Closure Frain - based upon the appropriate requirements of Subsection C of 19.13.17.9 NIMAC and 19.13.17.13 NIMAC
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: X Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System
Alternative
Proposed Closure Method: X Waste Excavation and Removal
Waste Removal (Closed-loop systems only)
x On-site Closure Method (only for temporary pits and closed-loop systems)
x In-place Burial On-site Trench
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
15
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.
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

16 Wester Demonstration of Francisco Closed Leave Statement The Albithan Albana Committee of The Albithan Committee of The	online on Haul off Pine Only: (10 15 17 13 D NMAC)			
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel T Instructions: Please identify the facility or facilities for the disposal of liquids, drilling flu	ids and drill cuttings. Use attachment if more than two			
facilities are required.	annual English Parmit #			
	sposal Facility Permit #:			
Disposal Facility Name: Dia Will any of the proposed closed-loop system operations and associated activities of				
Yes (If yes, please provide the information No	ecur on or in areas that will not be used for future s	ervice and		
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 NMA	C		
Re-vegetation Plan - based upon the appropriate requirements of Subsection		C		
Site Reclamation Plan - based upon the appropraite requirements of Subsection				
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. Re certain siting criteria may require administrative approval from the appropriate district office of	commendations of acceptable source material are provided by	elow. Requests regarding cha the Santa Fe Environmental B	anges to Bureau	
office for consideration of approval. Justifications and/or demonstrations of equivalency are req	nuired. Please refer to 19.15.17.10 NMAC for guidance.			
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	d from nearby wells	□N/A		
Ground water is between 50 and 100 feet below the bottom of the buried waste		Yes x No		
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtaine	d 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 obtaine	d from nearby wells	□N/A		
	•			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant (measured from the ordinary high-water mark).	watercourse or lakebed, sinkhole, or playa lake	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 exis	tence 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 f purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence	e at the time of the initial application.			
 NM Office of the State Engineer - iWATERS database; Visual inspection (certificati Within incorporated municipal boundaries or within a defined municipal fresh water well f 		Yes x No		
pursuant to NMSA 1978, Section 3-27-3, as amended.		Tes A No		
 Written confirmation or verification from the municipality; Written approval obtaine Within 500 feet of a wetland 	d from the municipality	Yes X No		
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspecti	on (certification) of the proposed site			
Within the area overlying a subsurface mine.		Yes x No		
- Written confiramtion or verification or map from the NM EMNRD-Mining and Mine	eral Division			
Within an unstable area.	,	Yes x No		
 Engineering measures incorporated into the design; NM Bureau of Geology & Miner Topographic map 	al Resources; USGS; NM Geological Society;			
Within a 100-year floodplain.		Yes x No		
- FEMA map				
18				
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.	the following items must bee attached to the closu	re plan. Please indicate	,	
x Siting Criteria Compliance Demonstrations - based upon the appropriate re	equirements 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	19.15.17.11 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 n				
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 Re-vegetation Plan - based upon the appropriate requirements of Subsection Lof 19.15.17.13 NMAC x Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC 				

Form C-144 Oil Conservation Division Page 4 of 5

Operator Application Cartifications
Operator Application Certification: Thereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print):
Signature: Date: 1/24/11
e-mail address: Jamie.L.Goodiwn@conocophillips.com Telephone: 505-326-9785
C-mail address.
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature:
Title: OCD Permit Number:
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 and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date:
Closure Method: Waste Excavation and Removal On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain.
23
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.
Disposal Facility Name: Disposal Facility Permit Number:
Disposal Facility Name: Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?
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
24
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in 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: NAD 1927 1983
Operator Closure Certification:
I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.
Name (Print): Title:
Signature: Date:
e-mail address:Telephone:



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

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

(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number

Q Q Q Sub basin (Use: County 64 16 4 Sec. Tws) Rng

Depth Depth Water. Y. Well Water Column

SJ 00201

OFM RA 1 4 03 25N 06W

4034064* 1346 280124

846

Average Depth to Water:

500 500 feet

Minimum Depth:

500 feet

Maximum Depth: 500 feet

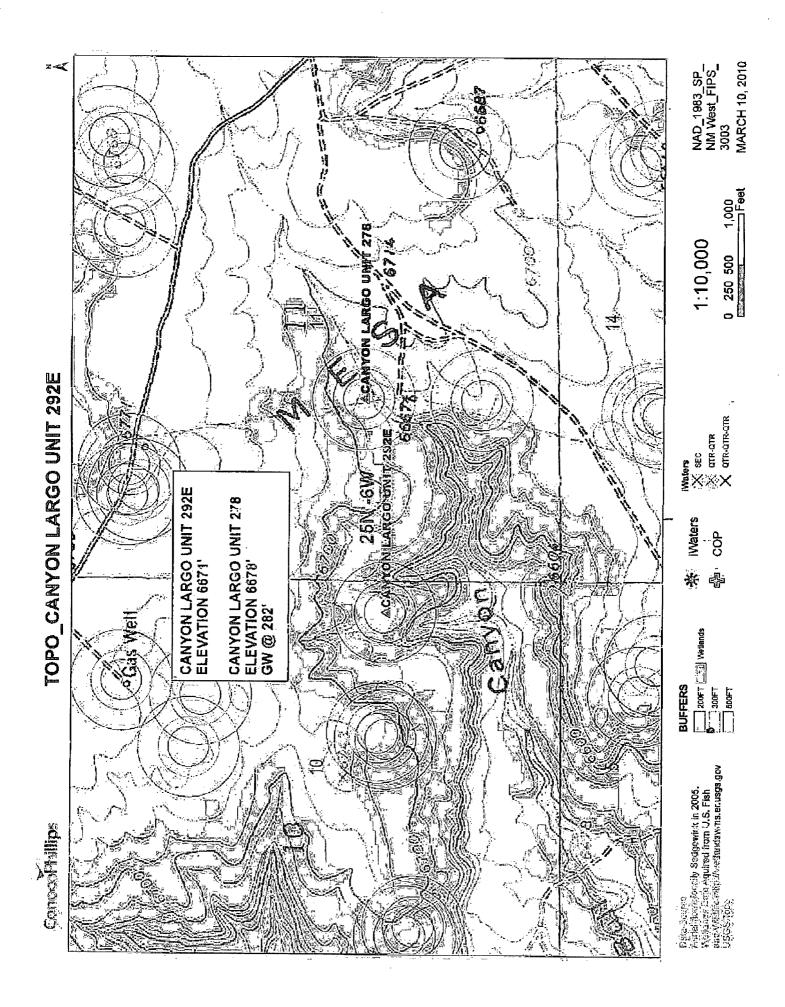
Record Count: 1

PLSS Search:

Section(s): 02, 03, 04, 09, 10, 11, 16, 15, Township: 25N

Range: 06W

Total location was derived from PLICE - are Holy.



DATA SHEET FOR DEEP GROUND BED CATHODIC. PROTECTION WELLS NORTHWESTERN NEW MEXICO CD 2540-6

Operator Metidian Oil Inc Location: Unit K Sec. 11 Two 25 Rng 06
Name of Well/Wells or Pipeline Serviced
CANYON LATTO CONT 278
Elevation 6678 Completion Date 7/23/93 Total Depth 392 Land Type F
Casing Strings, Sizes, Types & Depths 6/19 Set 59 of 8" Puc CASING.
NO GAS, WATER, OF Boulders Were Encountered During CASING.
If Casing Strings are cemented, show amounts & types used Cemented
WITH 12 SACKS.
If Cement or Bentonite Plugs have been placed, show depths & amounts used
None.
Depths & thickness of water zones with description of water: Fresh. Clear,
Salty, Sulphur, Etc. HIT Fresh WATER AT 280 WATER Sample
WAS TAKEN.
Depths gas encountered: None
Ground bed depth with type & amount of coke breeze used: 392 DepTH.
Used 107 SACKS of Asbury 2185 (5350#)
Depths anodes placed: 330, 324, 318, 311, 289, 283, 277, 265, 259, 253, 215, 142, 136, 130, +124
Depths vent pipes placed: Sufface To 392
Vent pipe perforations: BoTTom 300
Remarks:

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 walls are to be included.

Dand Type may be shown: F-Federal; F-Chiled: S-State: P-yee. If Federal of Indian, and Lease Number.

Form	3160-4
/Details	10000

SEGME

UBMIT	IN DUPLICATE
	(See other In-
	Structor

FOR APPROVED

'INITED STATES OMB NO. 1004-0137 ENT OF THE INTERIOR DEPAF Expires: December 31, 1991 5. LEASE DESIGNATION AND SERIAL NO. **BUREAU OF LAND MANAGEMENT** NMSF-078885 S. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG' 1a. TYPE OF WELL: WELL 7. UNIT AGREEMENT NAME A TYPE OF COMPLETION: Canyon Largo Unit WELL WORK 8. FARM OR LEASE NAME, WELL NO. DHC-1257az Canyon Largo Unit #278 9. API WELL NO. 2. NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY 30-039-20889 10. FIELD AND POOL OR WILDCAT 3. ADDRESS AND TELEPHONE NO. Otero Chacra/Basin Dakota PO Box 4289, Farmington, NM 87499 (505) 326-9700 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) 11. SEC., T., R., M., OR BLOCK AND SURVEY 1960'FSL, 1820'FWL OR AREA At surface At top prod. interval reported below Sec. 11, T-25-N, R-6-W At total depth DATE ISSUED 14 PERMIT NO 12. COUNTY OR 13. STATE PARISH New Mexico Rio Arriba DATE COMPL. (Ready to prod.) IB. ELEVATIONS (DF. P.PB, RT, BR, ETC.)" 15. DATE SPUDDED 16. DATE T.D. REACHED 19. ELEV. CASINGHEAD 6678 GF 8/13/03 6/20/74 5/30/74 23. INTERVALS ROTARY TOOLS 21. PLUG, BACK T.D., MD 8TVD 22. IF MULTIPLE COMPL CABLE TOOLS 20. TOTAL DEFTH, MD &TVD **HOW MANY** DRILLED BY 7267 0-7283 7283' 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE Commingled w/Dakotz 3174-3867' Chacra TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED CBL-CCL-GR No CASING RECORD (Report all strings set in well) 28 TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE 225 cu.fl. 13 3/4 32.3# 212 9 5/8 11.6# & 10.5# 7283 8 3/4" & 7 7/8" 1790 cu.ft 4 1/2 TUBING RECORD 29 LINER RECORD SACKS CEMENT DEPTH SET (MD) PACKER SET (MD) TOP (MO) BOTTOM (MD) SCREEN (MD) SIZE SIZE 2 3/8 7151 (SN @ 7118') PERFORATION RECORD (Interval, size and number ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 3174, 3176, 3254, 3462, 3500, 3564, 3616, DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 3620, 3622, 3624, 3631, 3632, 3643, 3655, 3174-3867* 625 bbl 20# linear gel, 1,256,400 SCF N2 200,000# 20/40 Brady sd 3687, 3699, 3704, 3716, 3720, 3747, 3763, 3826, 3835, 3864, 3867' w/25 0.33" diameter holes PRODUCTION PRODUCTION METHOD (Flowing, gas lift, but 19-size and type of pump WELL STATUS (Producing or shut-in) DATE FIRST PRODUCTION Flowing SI DATE OF TEST OURS TESTED CHOKE SIZE PROD'N FOR OIL-BRI GAS-MC WATER-REI SAS-OIL RATIO EST PERIOD 631 MCF/D Pitot Gauge 8-13-03 ASING PRESSURE OIL - BRI OIL GRAVITY-APT (CORR.) FLOW, TUBING PRESS CALCULATED GAS-MC WATER-BBL 24-HOUR RATE 631 MCF/D SI 385 SI 385 34 DISPOSITION OF GAS (Sold, used for lue), vented, etc.) TEST WITNESSED BY To be sold 36 LIST OF ATTACHMENTS None 38. Thereby cerely 0 regoing and attached information is complete and correct as determined from all available records

"(See Instructions and Spaces for Additional Data on Reverse Side)

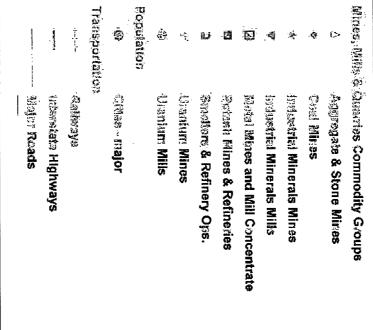
DATE 8/19/03

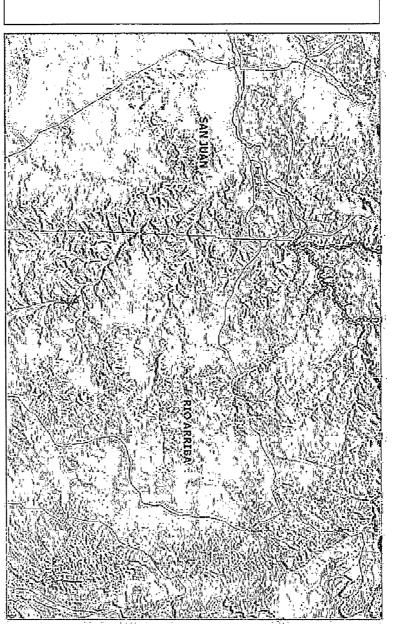
Title 18 U.S.C. Section 1901, makes it a crime for any person knowingly and willfully to make to any department of agency of this United States any faise, fictitious or fraudulent statements or representations as to any matter within its judisdiction.

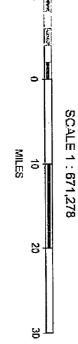
TITLE Regulatory Supervisor

NAD_1983_SP_ NM West_FIPS_ 3003 MARCH 10, 2010 1:10,000 0 250 500 AERIAL_CANYON LARGO UNIT 292E 1000FT SJB TH City Outlines
1000FT CITY NAME
1000FT SJB LOOMFIELD
1000FT SJB TRAININGTON Datasketang Perial Boson Basally Sedgewick in 2005. উপ্টোলনের Taka Aquired from U.S. Fish ফার্ক সৌয়ালি পাঢ়গ/weitandswms.er.usgs.gov USGE সিত্তত Conscorrings

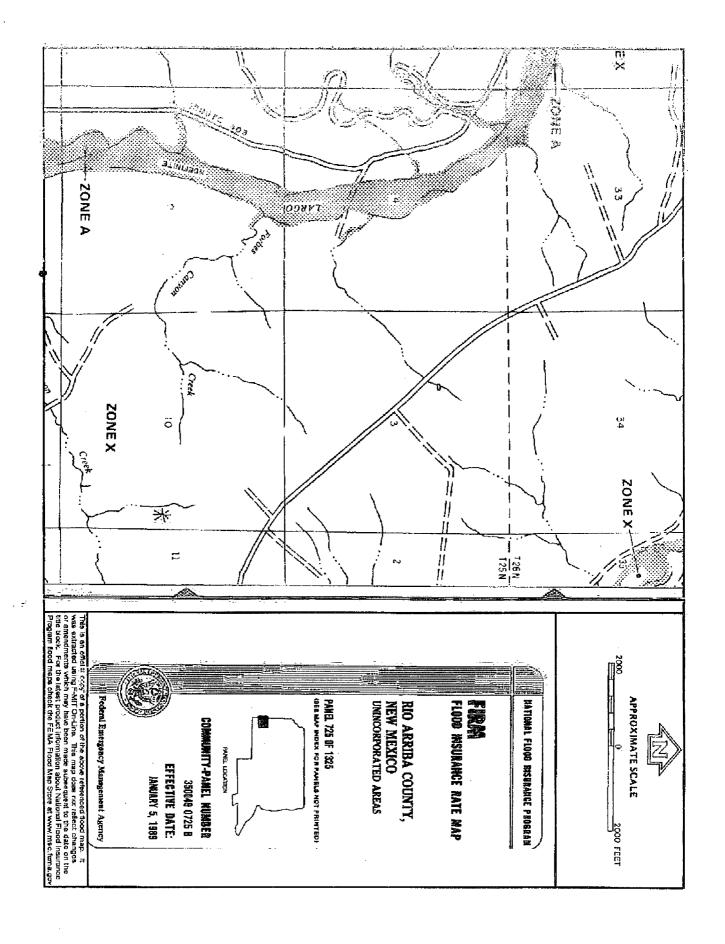
CANYON LARGO UNIT 292E MINES MILLS & QUARRIES











Siting Criteria Compliance Demonstration & Hydro Geologic Analysis

The Canyon Largo Unit 292E 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 Canyon Largo Unit 278 has an elevation of 6678' and groundwater depth of 282'. The subject well has an elevation of 6671' which is 7' lesser than the Canyon Largo Unit 278, therefore the groundwater depth is greater than 275'. 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.

Hydrogeological report for Canyon Largo Unit 292E

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.

Goodwin, Jamie L

To:

Subject:

'Mark_Kelly@blm.gov' SURFACE OWNER NOTIFICATION - CANYON LARGO UNIT 292E

The subject well (CANYON LARGO UNIT 292E) will have a temporary pit that will be closed on-site. Please let me know if you have any questions or concerns.

Thank you,

Jamie Goodwin ConocoPhillips 505-326-9784 Jamie.L.Goodwin@conocophillips.com MISTRICT 1 1625 N. Franch Rr., Habbo, N.M. 88340

State of New Mexico Energy, Minorals & Natural Resources Department

Form C-102 Revised October 13, 2005

DEFERENT H 1301 West Grand Lvenus, Artesla, V.H. 88210

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

Submit to Appropriate District Office State Lease — 4 Copies Fee Lease — 8 Copies

1000 Ele Brages Bé., astec, N.E. 87410

DESTRICT IN 1200 S. EL Francis Dr., Santa Fe, Hall 67505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

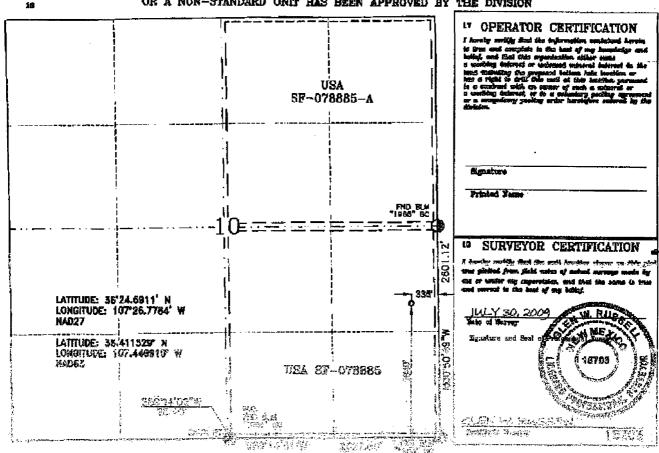
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⁴ Property Code	⁴ Froperty Hense CANYON LARGO UNIT	* Vall Number 292E
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10 Surface Location

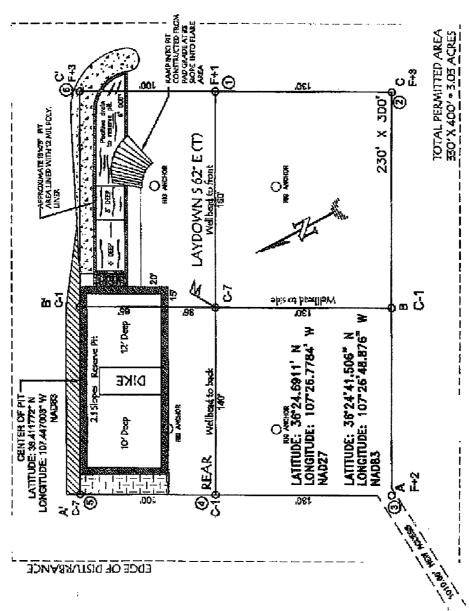
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BURLINGTON RESOURCES OIL & GAS COMPANY LP CANYON LARGO UNIT #292E, 1640' FSL & 335' FEL SECTION 10, T-25-N, R-6-W, NMPM, RIO ARRIBA COUNTY, NM GROUND ELEVATION: 6671', DATE: JUNE 11, 2009



NOTES

VECTOR SURVEYS GNOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL.
ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BUNED. PIPELINES OR CABLES ON WELL PAD AND OR.
ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

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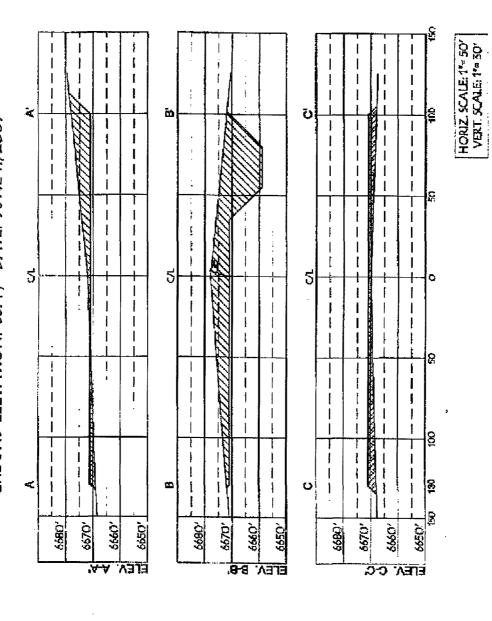
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Scale: 1"= 60"

2. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW ~3' WIDE AND 1' ABOVE SHALLOW SIDE).

BURLINGTON RESOURCES OIL & GAS COMPANY LP CANYON LARGO UNIT #292E, 1640' FSL & 335' FEL SECTION 10, T-25-N, R-6-W, NMPM, RIO ARRIBA COUNTY, NM GROUND ELEVATION: 6671', DATE: JUNE 11, 2009



NOTE: VECTOR SURVEYS IS NOT LUBBLE FOR UNDERGROUND UTILITIES OR APPLINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURJED PIPELINES OR CARLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

Burlington Resources Oil & Gas Company, LP San Juan Basin Pit Design and Construction Plan

In accordance with Rule 19.15.17 the following information describes the design and construction 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.

General Plan:

- 1. BR will design and construct a properly sized and approved temporary pit which will contain liquids and solids and should prevent contamination of fresh water and protect public health and environment.
- 2. Prior to constructing the pit, topsoil will be stockpiled in the construction zone for later use in restoration.
- 3. BR will sign the well location in compliance with 19.15.3.103 NMAC.
- 4. BR shall construct all new fences around the temporary pit utilizing 48" steel mesh field-fence (hogwire) on the bottom with a single strand of barbed wire on top. T-posts shall be installed every 12 feet and corners shall be anchored utilizing a secondary T-post. Temporary pits will be fenced at all times excluding drilling or workover operations, when the front side of the fence will be temporarily removed for operational purposes.
- 5. BR shall construct the temporary pit so that the foundation and interior slopes are firm and free of rocks, debris, sharp edges or irregularities to prevent liner failure.
- 6. BR shall construct the pit so that the slopes are no steeper than two horizontal feet to one vertical foot.
- 7. Pit walls will be walked down by a crawler type tractor following construction.
- 8. All temporary pits will be lined with a 20-mil, string reinforced, LLDPE liner, complying with EPA SW-846 method 9090A requirements.
- 9. Geotextile will be installed beneath the liner when rocks, debris, sharp edges or irregularities cannot be avoided.
- 10. All liners will be anchored in the bottom of a compacted earth-filled trench at least 18 inches deep.
- 11. BR will minimize liner seams and orient them up and down, not across a slope. Factory seams will be used whenever possible. BR will ensure all field seams are welded by qualified personnel. Field seams will be overlapped four to six inches and will be oriented parallel to the line of maximum slope. BR will minimize the number of field seams in corners and irregularly shaped areas.
- 12. The liner shall be protected from any fluid force or mechanical damage through the use of mud pit slides, or a manifold system.
- 13. The pit shall be protected from run-off by constructing and maintaining diversion ditches around the location or around the perimeter of the pit in some cases.
- 14. The volume of the pit shall not exceed 10 acre-feet, including freeboard.
- 15. Temporary blow pits will be constructed to allow gravity flow to discharge into lined drill pit.
- 16. The lower half of the blow pit (nearest lined pit) will be lined with a 20-mil, string reinforced, LLDPE liner. The upper half of the blow pit will remain unlined as allowed in Rule 19.15.17.11 F.11.
- 17. BR will not allow freestanding liquids to remain on the unlined portion of a temporary blow pit.

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:

- 1. 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)500

- 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) Source No. two (better quality) Purity 50 percent Purity 80 percent Germination 40 percent Germination 63 percent Percent PLS 20 percent Percent PLS 50 percent 5 lb. bulk seed required to make 2 lb. bulk seed required to make

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.

Burlington Resources Oil & Gas Company, LP San Juan Basin Maintenance and Operating Plan

In accordance with Rule 19.15.17 the following information describes the operation and maintenance 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.

General Plan:

- BR will operate and maintain a temporary pit to contain liquids and solids and maintain the integrity of the liner and liner system to prevent contamination of fresh water and protect public health and environment.
- 2. BR will conserve drilling fluids by transferring liquids to pits ahead of the rigs whenever possible. All other drilling fluids will be disposed at Basin Disposal Inc., permit # NM-01-005.
- 3. BR will not discharge or store any hazardous waste in any temporary pit.
- 4. If any pit liner's integrity is compromised, or if any penetration of the liner occurs above the liquid's surface, then BR shall notify the Aztec Division office by phone or email within 48 hours of the discovery and repair the damage or replace the liner.
- 5. If a leak develops below the liquid's level, BR shall remove all liquids above the damaged liner within 48 hours and repair the damage or replace the liner. BR shall notify the Aztec Division office by phone or email within 48 hours of the discovery for leaks less than 25 barrels. BR shall notify the Aztec Division office 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.
- 6. The liner shall be protected from any fluid force or mechanical damage through the use of mud pit slides, or a manifold system.
- 7. The pit shall be protected from run-off by constructing and maintaining diversion ditches around the location or around the perimeter of the pit in some cases.
- 8. BR shall immediately remove any visible layer of oil from the surface of the temporary pit after cessation of a drilling or workover operation. Oil absorbent booms will be utilized to contain and remove oil from the pit's surface. An oil absorbent boom will stored on-site until closure of pit.
- 9. Only fluids generated during the drilling or workover process may be discharged into a temporary pit.
- 10. BR will maintain the temporary pit free of miscellaneous solid waste or debris.
- 11. During drilling operations, BR will inspect the temporary pit at least once daily to ensure compliance with this plan. Inspections will be logged in the IADC reports. BR will file this log with the Aztec Division office upon closure of the pit.
- 12. After drilling operations, BR will inspect the temporary pit weekly so long as liquids remain in the temporary pit. A log of the inspections will be stored at BR's office electronically and will be filed with the Aztec Division office upon closure of the pit.
- 13. BR shall maintain at least two feet of freeboard for a temporary pit.
- 14. BR shall remove all free liquids from a temporary pit within 30 days from the date the operator releases the drilling rig.
- 15. BR shall remove all free liquids from a cavitation pit within 48 hours after completing cavitation. BR may request additional time to remove liquids from the Aztec Division office if it is not feasible to remove liquids within 48 hours.

Burlington Resources Oil & Gas Company LP San Juan Basin

Modification for a temporary pit
Drilling/Completion/P&A and Workover
Canyon Largo Unit 292E

ConocoPhillips is modifying the existing permit for the Canyon Largo Unit 292E dated 03/16/2010 due to change in plans. New permit is attached.