District I

1625 N Franch Dr , Hobbs, NM 88240

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

District III 1000 Rio Brazos Rd , Aztec, NM 87410

District IV

State of New Mexico Energy Minerals and Natural Resources

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

July 21, 2008 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.

Form C-144

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

1220 S. St. Francis Dr., Santa Fe, NM 8/503	, , , , , , , , , , , , , , , , , , , ,
3744 <u>Pro</u>	Pit, Closed-Loop System, Below-Grade Tank, or posed 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 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 hability 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 appl		——————————————————————————————————————
Operator: Burlington Resources Oil & Gas Company, LP	OGRID#: 14538_	RCVD JUL 17'09
Address: PO Box 4289, Farmington, NM 87499		OIL CONS. DIV.
Facility or well name: SAN JUAN 28-6 UNIT 459S		
API Number: 30-039-30293 OCD Permit	Number:	
U/L or Qtr/Qtr: I(NE/SE) Section: 21 Township: 28N Range:	6W County: Rio A	rriba
Center of Proposed Design: Latitude: 36'38.6065 °N Longitude:	107'27.9609 °W	NAD: X 1927 1983
Surface Owner: Federal State X Private Tribal Trust or	Indian Allotment	
X Pit: Subsection F or G of 19 15.17.11 NMAC Temporary: X Drilling Workover Permanent Emergency X Cavitation P&A X Lined Unlined Liner type: Thickness 12 mil X LLDPI X String-Reinforced Liner Seams: X Welded X Factory Other Volume:	E HDPE PVC Othe	x W <u>45'</u> x D <u>10'</u>
Closed-loop System: Subsection H of 19.15.17 11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Approximately Compared to the Compared Compared to the Compared Compared to the Compared Co	olies to activities which require pro	or approval of a permit or
Below-grade tank: Subsection I of 19.15.17 11 NMAC Volume: bbl Type of fluid: Tank Construction material: Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift at Visible sidewalls and liner Visible sidewalls only Other Liner Type. Thickness mil HDPE PVC Other		
5 Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe E	Environmental Bureau office for co	nsideration 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 four foot height, four strands of barbed wire evenly spaced between one and four feet	ttion or church	י			
X Alternate. Please specify 4' hogwire fence with a single strand of barbed wire on top.					
[12] Aller of the state of the					
Netting: Subsection E of 19.15.17 11 NMAC (Applies to permanent pits and permanent open top tanks)					
Screen Netting Other					
Monthly inspections (If netting or screening is not physically feasible)					
8					
Signs: Subsection C of 19.15.17 11 NMAC					
12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers					
X Signed in compliance with 19.15.3.103 NMAC					
9					
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 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 (Fencing/BGT Liner)	deration of appr	roval.			
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.					
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	source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the				
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	No			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake	Yes	□No			
(measured from the ordinary high-water mark). Tonographic many Visual inspection (contification) of the proposed site.					
- 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	∐No			
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	□NA				
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image		l.			
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)	(Applied to permanent pits)				
- 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 purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	No			
- 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 Yes No. 1978, Section 2.37.3 accommoded.					
 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. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site					
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division					
Within an unstable area.	Yes	□No			
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map					
Within a 100-year floodplain - FEMA map	Yes	No			

Form C-144 Oil Conservation Division Page 2 of 5

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 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				
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17 10 NMAC				
Design Plan - based upon the appropriate requirements of 19 15.17.11 NMAC 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				
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				
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 X Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System				
Alternative Proposed Closure Method: 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)				
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

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Waste Removal Closure For Closed-loop Systems That Utilize Above Gr Instructions Please identify the facility or facilities for the disposal of liquid.	ound Steel Tanks or Haul-off Bins Only: (19 15 17.13.D NMAC) s, drilling fluids and drill cuttings. Use attachment if more than two	,			
facilities are required					
Disposal Facility Name: Disposal Facility Permit #:					
	Disposal Facility Permit #:				
Will any of the proposed closed-loop system operations and associat Yes (If yes, please provide the information No		e service and			
Required for impacted areas which will not be used for future service and op Soil Backfill and Cover Design Specification - based upon the		IMAC			
Re-vegetation Plan - based upon the appropriate requirements of	• • • •	WINC			
Site Reclamation Plan - based upon the appropriate requirement	ts 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 closur					
certain siting criteria may require administrative approval from the appropriate distri- office for consideration of approval Uustifications and/or demonstrations of equivaler		Santa Fe Environmental Bureau			
Ground water is less than 50 feet below the bottom of the buried was	rte.	Yes X No			
- NM Office of the State Engineer - 1WATERS database search; USGS		N/A			
-	·				
Ground water is between 50 and 100 feet below the bottom of the bu		X Yes No			
- NM Office of the State Engineer - IWATERS database search; USGS,	Data obtained from nearby wells	∐ ^{N/A}			
Ground water is more than 100 feet below the bottom of the buried v	vaste.	Yes X No			
- NM Office of the State Engineer - tWATERS database search; USGS,	Data obtained from nearby wells	N/A □			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any of	ner significant watercourse or lakebed, sinkhole, or playa lake	Yes X No			
(measured from the ordinary high-water mark)					
- Topographic map, Visual inspection (certification) of the proposed site					
Within 300 feet from a permanent residence, school, hospital, institution, or	• •	Yes X No			
- visual inspection (certification) of the proposed site; Aerial photo, sate	- 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 th	at less than five households use for domestic or stock watering				
purposes, or within 1000 horizontal fee of any other fresh water well or sprin - NM Office of the State Engineer - iWATERS database, Visual inspecti	g, in existence at the time of the initial application.				
Within incorporated municipal boundaries or within a defined municipal fresh pursuant to NMSA 1978, Section 3-27-3, as amended	water well field covered under a municipal ordinance adopted	Yes XNo			
- Written confirmation or verification from the municipality, Written app	proval obtained from the municipality				
Within 500 feet of a wetland		Yes X No			
- US Fish and Wildlife Wetland Identification map, Topographic map, V	isual inspection (certification) of the proposed site				
Within the area overlying a subsurface mine. - Written confiramtion or verification or map from the NM EMNRD-Mil	ung and Mineral Division	Yes X No			
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					
Within a 100-year floodplain FEMA map	Yes XNo				
18					
On-Site Closure Plan Checklist: (19.15 17.13 NMAC) Instruction by a check mark in the box, that the documents are attached.	is: Each of the following items must bee attached to the clo	osure plan. Please indicate,			
X Siting Criteria Compliance Demonstrations - based upon the	appropriate requirements of 19.15.17.10 NMAC				
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC					
Construction/Design Plan of Burial Trench (1f applicable) based upon the appropriate requirements of 19.15.17.11 NMAC					
Construction/Design Plan of Temporary Pit (for in place burns	al of a drying pad) - based upon the appropriate requirement	s 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 requirements of Subsection F of 19.15.17.13 NMAC					
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, acquiate and complete to the best of my knowledge and belief				
Name (Print): 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Signature Date:				
e-mail address: Vmarie e jaramillo@gonbcophillips.com Telephone: V \$05-316-9865				
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)				
OCD Representative Signature: Branslon Fell Approval Date: 7/20/89				
The transfer of the same of th				
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 completion bate.				
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 Name.				
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 complilane 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 <u>Closure Report Attachment Checklist:</u> 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				
25 On the Charles Continue Con				
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)

		(quarte	rs a	re s	sma	llest	to larg	est)	(NAD83 UTN	/l in meters)		(In feet)	
S	ub		Q	Q	Q	· 他				7. C	epth D	epth Wat	er
POD Number ba	isin Use C	ounty	64	16	4	Sec	Tws	Rng	X.	Y	Well W	aterColu	m'n
SJ 03005	STK	RA	2	2	4	21	28N	06W	279663	4058421*	245	175	70
SJ 03043	STK	RA	2	2	4	21	28N	06W	279663	4058421*	290	240	50
SJ 03091	STK	RA	3	2	2	29	28N	06W	277834	4057457*	150	90	60
SJ 03443	STK	RA	3	3	3	22	28N	06W	279854	4057809*	300		
									Aver	age Depth to	Water:	168 feet	
										Minimum	Depth:	90 feet	
										Maximum	Depth:	240 feet	

Record Count: 4

PLSS Search:

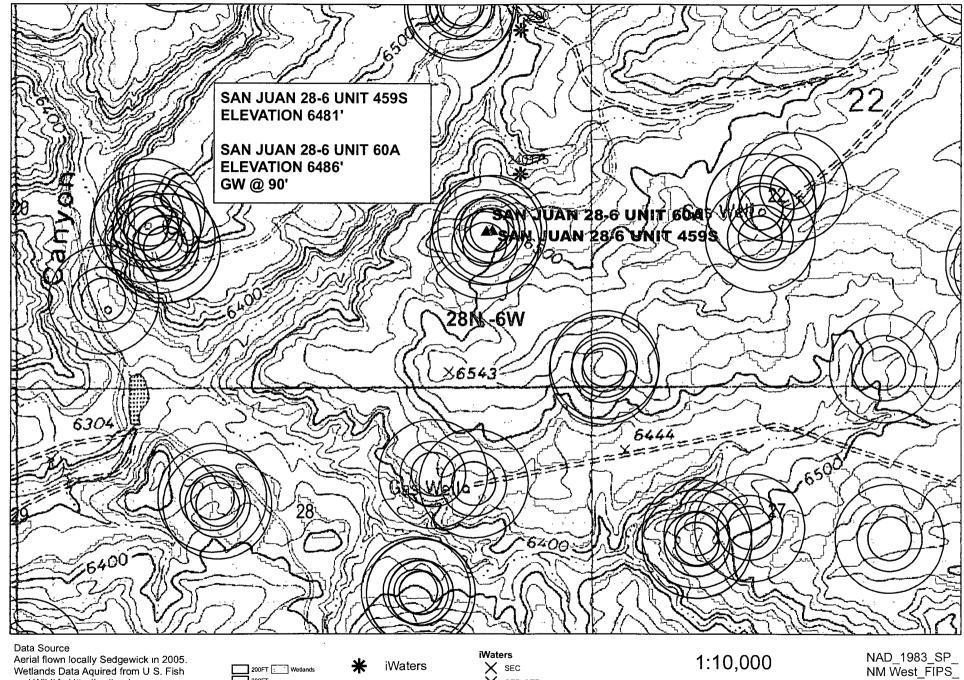
Section(s): 15, 16, 17, 20, 21, 22, 29, 28, **Township:** 28N **Range:** 06W



TOPO MAP

SAN JUAN 28-6 UNIT 459S





Aerial flown locally Sedgewick in 2005. Wetlands Data Aquired from U S. Fish and Wildlife Http://wetlandswms.er.usgs gov **USGS** Topo

300FT 500FT COP

QTR-QTR X QTR-QTR-QTR

1,000 0 250 500

TANKE TO THE EAST

3003

⊐ Feet

June 23, 2009

30-039-21875

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. 21 Twp 28 Rng 6
Name of Well/Wells or Pipeline Servi	ced SAN JUAN 28-6 UNIT #60A
	cps 1507w
Elevation 6486'Completion Date 7/11/80	Total Depth 420' Land Type* N/A
Casing, Sizes, Types & Depths	
·	
If Casing is cemented, show amounts	& types usedN/A
If Cement or Bentonite Plugs have be	en placed, show depths & amounts used
Depths & thickness of water zones wifresh, Clear, Salty, Sulphur, Etc	th description of water when possible: DAMP 90' - 100' WATER SAND 180' - 200'
SAMPLE TAKEN	
Depths gas encountered: N/A	
Type & amount of coke breeze used:	N/A
Depths anodes placed: 395', 385', 370',	355', 340', 325', 310', 270', 255', 220'
Depths vent pipes placed: N/A	DECENTE IN
Vent pipe perforations:N/A	MANY STATES
Remarks: gb #1	OIL CON! DIV
	DIST. 9

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.

Form 9-330 (Rev. 5-63) SUBMIT IN DUPLICATE* Form approved. Budget Bureau No. 42-R355.5. UNITED STATES (See other in-DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. reverse side) GEOLOGICAL SURVEY SF 079193 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 1a. TYPE OF WELL: MELL WELL X 7. UNIT AGREEMENT NAME DRY L Other b. TYPE OF COMPLETION: San Juan 28-6 Unit DEEP-DIFF. RESVR. NEW X PLUG DACK S. FARM OL LEASE NAME Other San Juan 28-6 Unit 2. NAME OF OPERATOR 9. WELL NO. El Paso Natural Gas Company 60 A 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT Box 289, Farmington, New Mexico 87401 Blanco M.V. 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 1460'S, 970'E Sec. 21, T-28-N, R-6-W At top prod. interval reported below N.M.P.M. At total depth 12. COUNTY OR PARISH 13. STATE 14. PERMIT NO. DATE ISSUED Rio Arriba New Mexico 15. DATE SPLDDED 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.) 19. ELEV. CASINGHEAD 4-14-79 4-28-79 8-28-79 6486' G.L. 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 21. PLUG, BACK T.D., MD & TVD ROTARY TOOLS CABLE TOOLS 20. TOTAL DEPTH, MD & TVD 5934' 58601 0-5934' WAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 4956' - 5844' (M.V) No 26 TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED NO GRS-DBC' GRS-IS; Temp Survey CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 215' 224 cf. 9 5/8" 32.3# 13 3/4" 20# 36951 8 3/4" 251 cf. 29. LINER RECORD TUBING RECORD TOP (MD) BOTTOM (MD) SIZE SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 41511 3526' 58581 2 3/8" 5794' 424 cf. 31. PERFORATION RECORD (Interval, size and number ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 4956,4963,4970,5060,5065,5070,5085,5091, DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 5097,5103,5191,5200,5326,5338,5374'5418, 4956'-5374' 47,000# 20/40 sd, 94,000 gal. wtr. 5422,5426,5430,5434,5438,5442,5446,5495, 67,000# 20/40 sd, 134,000 gal. wtr 5418'-5844' 5500,5520,5525,5530,5570,5577,5615,5737, 5754,5820,5830,5844' W/1 SPZ. 33 • PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) DATE FIRST PROPLETION WELL STATUS (Producing or shut-in) After Frac Gauge 1587 MCF/D Shut-In DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD GAS-WATER-BBL. GAS-OIL RATIO 8-28-79 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL GRAVITY-API (CORR.)

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

TITLE Drilling Clerk

SI 769 | SI 682 | > 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI 682

36. I hereby certify that the foregoing and attached information is complete and con-

35. LIST OF ATTACHMENTS

SIGNED A

TEST WITNESSED BY D. Norton

DATE

DwI. 3

ect as detern

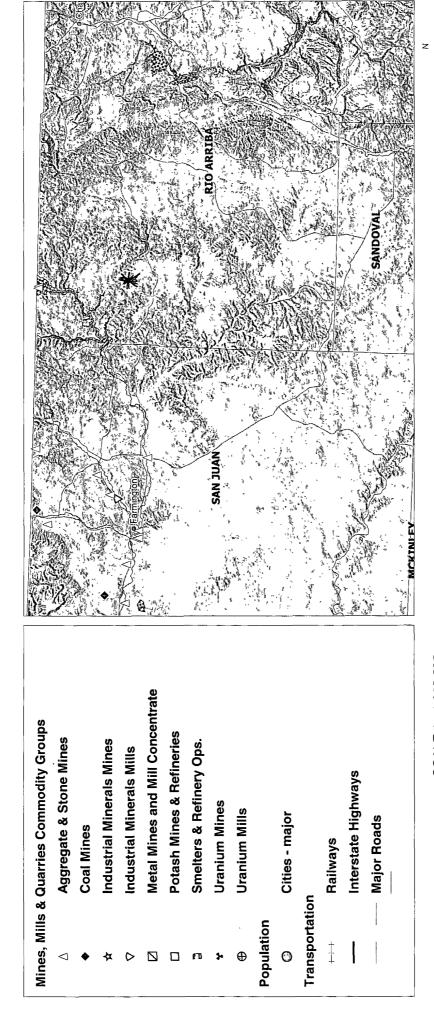
SAN JUAN 28-6 UNIT 459S

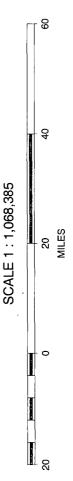
AERIAL MAP

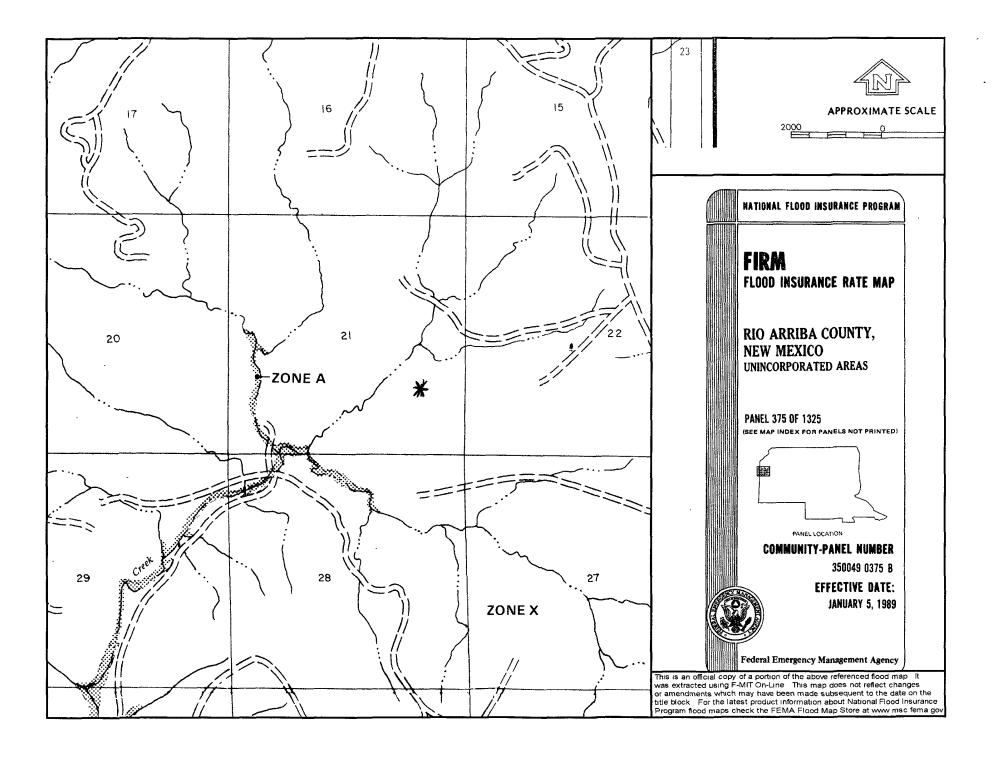
ConocoPhillips

0 250 500

SAN JUAN 28-6 UNIT 459S MINES MILLS & QUARRIES







Siting Criteria Compliance Demonstration & Hydro Geologic Analysis

The San Juan 28-6 Unit 459S 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 San Juan 28-6 Unit 60A has an elevation of 6486' and groundwater depth of 90'. The subject well has an elevation of 6481' which is less than the San Juan 28-6 Unit 60A, therefore the groundwater depth is less than 100'. There is two 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 San Juan 28-6 Unit 459S

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.



ConocoPhillips Company
GRFS / PTRRC – San Juan Business Unit
Juanita Farrell
3401 East 30th Street
Farmington, NM 87402
Talanhana (507) 206 2507

Telephone: (505) 326-9597 Facsimile: (505) 324-6136

July 30, 2008

VIA CERTIFIED MAIL – RETURN RECEIPT REQUESTED 7110-6605-9590-0026-0425

Don and Jane Schreiber 9610 Hwy. 64 Blanco, New Mexico 87412

Subject:

San Juan 28-6 Unit 459S

SE Section 21, T28N, R6W Rio Arriba County, NM

Dear Landowner:

Pursuant to Paragraph 1 (b) of Subsection F of 19.15.17.13 NMAC, an operator shall provide the surface owner of the operator's proposal to close a temporary pit on-site in compliance with the on-site closure methods specified in the same Subsection of the NMAC. In compliance of this requirement, please consider this notification of ConocoPhillips' intent to close the temporary pit on the above referenced location.

If you have any questions, please contact Mark Stallsmith @ (505)324-6172.

Sincerely,

Juanita Farrell

Juanita Farrell Staff Associate, PTRRC DISTRICT I 1625 N. French Dr., Hobbs, N.M. 66240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

DISTRICT II 811 South First, Artesia, N.M. 88210

DISTRICT III Rio Brazos Rd., Asteo, N.M. 87410 OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT 2040 Bouth Pacheco, Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT 1 API Number BPool Code Pool Name Basin Fruitland Coal/ WC: 28N6W21P Pictured Cliff 71629/ 30-039 Well Number Property Code ⁵Property Name 459S 7462 SAN JUAN 28-8 UNIT OGRID No. Operator Name * Elevation 14538 BURLINGTON RESOURCES OIL AND GAS COMPANY LP 6481' 10 Surface Location North/South line UL or lot no. Section Township Range Lot Idn Feet from the Peet from the Kest/West line County 28-N SOUTH RIO ARRIBA 21 1440 920' EAST ¹¹ Bottom Hole Location If Different From Surface Township Lot ldn Fost from the North/South line UL or lot no. Section Feet from the East/Vest line County 12 Dedicated Acres 4 Consolidation Code " Joint or Infill "Order No. E2 320 FC/PC NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 18 OPERATOR CERTIFICATION Amanda Sandoval USA SF-079193 Printed Name Regulatory Assistant 12-20-05 Date SURVEYOR CERTIFICATION USA SF-079193 LAT: 36'38.6065' N. LONG: 107'27.9609' NAD 1927

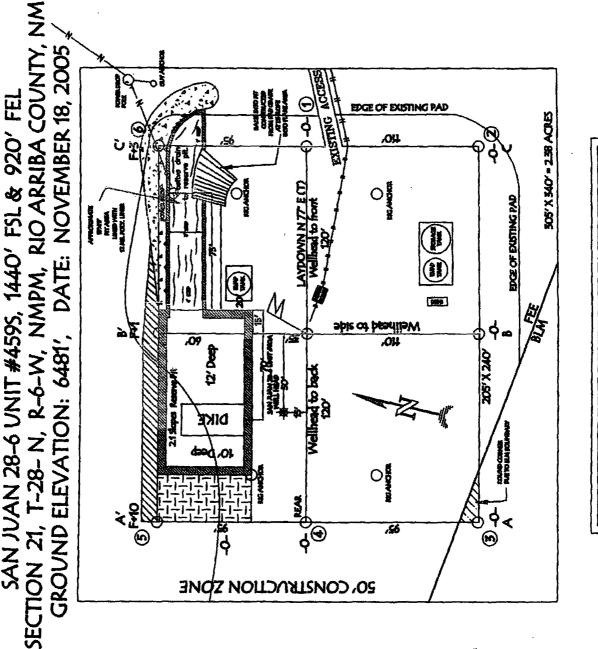
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NOTE VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTLITIES OR PIPELINES.

LONGITUDE: 107 27:809' W NADZI

N,9809'85.95

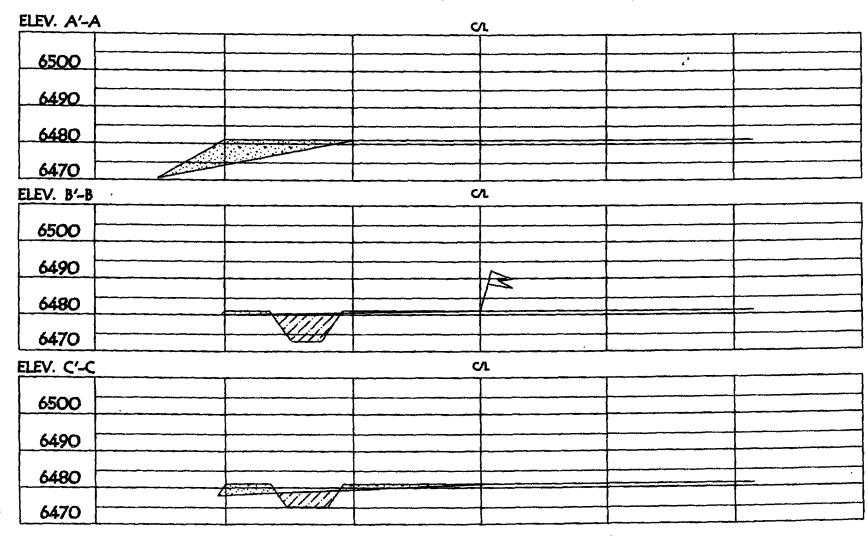
ATIVOE



L & GAS COMPANY LP

RESERVE MT DIKE. TO BER ABOVE DEEP SIDE (OVENINOW - 3" WIDE AND 1" ABOVE SHALLOW SIDE).

BURLINGTON RESOURCES OIL & GAS COMPANY LP SAN JUAN 28-6 UNIT #4595, 1440' FSL & 920' FEL SECTION 21, T-28- N, R-6-W, NMPM, RIO ARRIBA COUNTY, NM GROUND ELEVATION: 6481', DATE: NOVEMBER 18, 2005



NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION ANY MARKED OR UNMARKED BURIED

PIPLINES OR CABLES 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 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 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. A five point composite sample will be taken from the cavitation pit pursuant to 19.15.17.13(B)(1)(b)(i) in order to assure there has not been any type of release.

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	500

- 10. 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.
- 11. 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.
- 12. 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
- 13. 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.
- 14. Notification will be sent to OCD when the reclaimed area is seeded.
- 15. 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 or Forest Service 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

40 percent

Percent PLS

20 percent

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

16. 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.