District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, 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

Form C-144 Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

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

10	Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application
	Type of action:  Below grade tank registration  Permit of a pit or proposed alternative method  Closure of a pit, below-grade tank, or proposed alternative method  Modification to an existing permit/or registration  Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method
	Instructions: Please submit one application (Form C-144) per individual pit, 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: BP AMERICA PRODUCTION COMPANY OGRID #:778
	Address:380 North Airport Road, Durango, CO 81303
	Facility or well name:STOREY LS 009
	API Number:3004521112 OCD Permit Number:
	U/L or Qtr/Qtr _DSection34Township28Range08WCounty: _San Juan County
	Center of Proposed Design: Latitude36.6229 Longitude107.67449 NAD83
	Surface Owner: ☑ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment
[	2.
	Pit: Subsection F, G or J of 19.15.17.11 NMAC
	Temporary: Drilling Workover
	☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management ☐ Low Chloride Drilling Fluid ☐ yes ☐ no
	Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVC Other
	☐ String-Reinforced
	Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D
	Secondary containment with leak detection   Visible sidewalls only   OtherSINGLE WALLED DOUBLE BOTTOMED
	4.
	Alternative Method:  Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.
	5.  Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)
	Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital,
	institution or church)
	Four foot height, four strands of barbed wire evenly spaced between one and four feet



Alternate. Please specify

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  Signed in compliance with 19.15.16.8 NMAC	
Variances 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:  Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.  Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
9. 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 acceptance are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	ptable source
General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.  - ☑ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☑ No ☐ NA
<u>Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.</u> NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
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. (Does not apply to below grade tanks)  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks)  - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
<ul> <li>Within an unstable area. (Does not apply to below grade tanks)</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.  - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)  - Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300 feet 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 search; Visual inspection (certification) of the proposed site	Yes No

Within 100 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;  - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
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).  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.  - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 Natural Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the docattached.  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 NMAC 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. and 19.15.17.13 NMAC Previously Approved Design (attach copy of design)  API Number:  or Permit Number:	NMAC 15.17.9 NMAC
11.  Multi-Well Fluid Management Pit 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 document of the following items must be attached to the application. Please indicate, by a check mark in the box, that the document of the following items must be attached.  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  A List of wells with approved application for permit to drill associated with the pit.  Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC  Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC  Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  Previously Approved Design (attach copy of design) API Number:	.15.17.9 NMAC

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 attached.  Hydrogeologic Report - based upon the requirements of Paragraph (1) 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 H <sub>2</sub> S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan	documents are
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: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well Final Alternative  Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only) On-site Closure Method (Only for temporary pits and closed-loop systems) In-place Burial On-site Trench Burial Alternative Closure Method	luid Management Pit
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a 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 C 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 H of 19.15.17.13 NMAC	attached to the
15.	
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 sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. P. 19.15.17.10 NMAC for guidance.	
Ground water is less than 25 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application.  - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	Yes No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland.	☐ 163 ☐ 140
US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geologica Society; Topographic map	al ☐ Yes ☐ No
Within a 100-year floodplain FEMA map	☐ Yes ☐ No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the close by a check mark in the box, that the documents are attached.  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 E of 19.15.17.13 NMAC  Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.  Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements  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 19.15.17.13 NMAC  Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC  Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standard Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	15.17.11 NMAC of 19.15.17.11 NMAC
17.  Operator Application Certification:  I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge as	nd haliaf
Thereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge at	nd bener.
Name (Print): _Erin Dunman Title:Field Environmental Coordinat	or
Signature: Date: 08/01/2018	
FE49953C960A4BA	
e-mail address:erin.dunman@bpx.com	
18.	
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment	nt)
OCD Representative Signature: Approval Date:	8/20/18
Title: Eputronmental Spec OCD Permit Number:	
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC  Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submarked to be submitted to the division within 60 days of the completion of the closure activities. Please section of the form until an approved closure plan has been obtained and the closure activities have been completed.  Closure Completion Date:	
20.	
Closure Method:  ☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Clo	osed-loop systems only)
21.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Ple	
mark in the box, that the documents are attached.	pase indicate by a check
Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only)	ase indicate, by a check
<ul> <li>□ Proof of Closure Notice (surface owner and division)</li> <li>□ Proof of Deed Notice (required for on-site closure for private land only)</li> <li>□ Plot Plan (for on-site closures and temporary pits)</li> </ul>	ase indicate, by a check
<ul> <li>□ Proof of Closure Notice (surface owner and division)</li> <li>□ Proof of Deed Notice (required for on-site closure for private land only)</li> <li>□ Plot Plan (for on-site closures and temporary pits)</li> <li>□ Confirmation Sampling Analytical Results (if applicable)</li> </ul>	ase indicate, by a check
<ul> <li>□ Proof of Closure Notice (surface owner and division)</li> <li>□ Proof of Deed Notice (required for on-site closure for private land only)</li> <li>□ Plot Plan (for on-site closures and temporary pits)</li> <li>□ Confirmation Sampling Analytical Results (if applicable)</li> <li>□ Waste Material Sampling Analytical Results (required for on-site closure)</li> <li>□ Disposal Facility Name and Permit Number</li> </ul>	ase indicate, by a check
<ul> <li>□ Proof of Closure Notice (surface owner and division)</li> <li>□ Proof of Deed Notice (required for on-site closure for private land only)</li> <li>□ Plot Plan (for on-site closures and temporary pits)</li> <li>□ Confirmation Sampling Analytical Results (if applicable)</li> <li>□ Waste Material Sampling Analytical Results (required for on-site closure)</li> <li>□ Disposal Facility Name and Permit Number</li> <li>□ Soil Backfilling and Cover Installation</li> </ul>	ase indicate, by a check
<ul> <li>□ Proof of Closure Notice (surface owner and division)</li> <li>□ Proof of Deed Notice (required for on-site closure for private land only)</li> <li>□ Plot Plan (for on-site closures and temporary pits)</li> <li>□ Confirmation Sampling Analytical Results (if applicable)</li> <li>□ Waste Material Sampling Analytical Results (required for on-site closure)</li> <li>□ Disposal Facility Name and Permit Number</li> </ul>	rase indicate, by a check

22.							
Operator Closure Certification:							
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge a							
belief. I also certify that the closure complies with all applicable closure require	ements and conditions specified in the approved closure plan.						
N (D' s)	Ti'd						
Name (Print):	Title:						
	D :						
Signature:	Date:						
e-mail address:	Telephone:						

#### SITING AND HYDRO-GEOLOGICAL REPORT FOR STOREY LS 009

#### SITING CRITERIA 19.15.17.10 NMAC

Depth to groundwater at the site is estimated to be between 50 and 100 feet (ft.) below ground surface (bgs). This estimation is based on data from Stone and others (1983), depth to groundwater data obtained from water wells permitted by the New Mexico State Engineer's Office (attached), and a nearby cathodic protection well. Local topography and proximity to adjacent water features are also considered. An aerial map provided as Figure 4, demonstrates that there are no freshwater wells or springs used for public or livestock consumption within 200 feet of the proposed BGT position. A topographic map (Figure 2) demonstrates that the BGT is not within 100 feet of any continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake as measured from the ordinary high water mark.

#### LOCAL GEOLOGY AND HYDROLOGY

This particular site is located on level ground near the main channel of Largo Canyon. Regional topography of Largo Canyon is composed of mesas dissected by deep, narrow canyons and arroyos. The more resistant cliff-forming sandstones of the San Jose Formation cap the interbedded siltstones, shales and sandstones of the Nacimiento Formation. Accumulations of talus and eroded sands at the base of canyon walls form steep to gentle slopes that transition into flat-bottomed arroyos within the canyons. Deposits of Quaternary alluvial and eolian sands occur prominently near the surface of Largo Canyon, especially near streams and washes

Groundwater is estimated to be between 50 and 100 feet below ground surface (bgs) at this site. This is based on the elevation difference between the site and Largo Canyon of approximately 60 feet. Largo Canyon is approximately 700 feet southwest of the site.

#### **REGIONAL GEOLOGY AND HYDROLOGY**

The San Juan Basin is situated in the Navajo section of the Colorado Plateau and is characterized by broad open valleys, mesas, buttes and hogbacks. Away from major valleys and canyons topographic relief is generally low. Native vegetation is sparse and shrubby. Drainage is mainly by the San Juan River, the only permanent stream in the Navajo Section of the Colorado Plateau. The San Juan River is a tributary of the Colorado River. Major tributaries include the Animas, Chaco and La Plata Rivers. Flow of the San Juan River across the basin is regulated by the Navajo Dam, located about 30 miles northeast of Farmington, New Mexico. The climate is arid to semiarid with an average annual precipitation of 8 to 10 inches. Soils within the basin consist of weathered parent rock derived from predominantly physical means mostly from eolian depositional system with fluvial having a lesser impact.

Cretaceous and Tertiary sandstones, as well as Quaternary Alluvial deposits, serve as the primary aquifers in the San Juan Basin (Stone et al., 1983). The Nacimiento Formation of Paleocene age occurs at the surface in a broad belt at the western and southern edges of the central San Juan Basin and dips beneath the San Jose Formation in the center. The lower part of the Nacimiento Formation is composed of interbedded black, carbonaceous mudstones and white coarse-grained sandstones. The upper part is comprised of mudstone and sandstone. It is generally slope-forming, even within the sandstone units. Thickness of the Nacimiento ranges from 418 to 2232 feet. Aquifers within the coarser and continuous sandstone bodies of the Nacimiento Formation are between 0 and 1000 feet deep in this section of the basin. Wells within these bodies flow from 16 to 100 gallons per minute (gpm), and transmissivities are expected to be 100 ft2/d (Stone et al, 1983). Groundwater within these aquifers flows toward the San Juan River.

#### REFERENCES

Circular 154—Guidebook to coal geology of northwest New Mexico By E. C. Beaumont, J. W. Shomaker, W. J. Stone, and others, 1976

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

0	Q64: V Q1	Public Land Survey System (PLSS)  5: V Q4: V Sec: V Tws: V Rng: V
0	<b>X:</b> 0 ft	State Plane Coordinate System - NAD27  Y: 0 ft Zone:
0	<b>x</b> : 0 ft	State Plane Coordinate System - NAD83  Y: 0 ft Zone:
•	Longitude (X):	Degrees/Minutes/Seconds  Degrees: 107 ° Minutes: 40 ' Seconds: 28.164 "
	Latitude (Y):	Degrees: 36 ° Minutes: 37 ' Seconds: 22.44 "
		UTM - NAD27
0	Easting (X):	0 mtrs Northing (Y): 0 mtrs Zone:
		SUBMIT
	All Cor Easting (X): 26	version Results are displayed as NAD 1983 UTM Zone 13  0839.15 mtrs Northing (Y): 4056372.0 mtrs
	~~	Please keep screen open to copy UTM values for Reports. ~~



## New Mexico Office of the State Engineer

## Wells with Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

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

closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD												
Sub-		qqq							Log File	Depth	Depth	License
Code basin County	y Source	6416 4	Sec	Tws	Rng	X	Υ	Distance Start Date	Finish Date Date	Well	Water Driller	Number
SJ SJ	Shallow	1 2 4	14	28N	W80	263604	4060474*	4946 06/07/1990	06/10/1990 06/25/1990	540	480 CHIVERA DRILLING CO.	809
SJ SJ	Artesian	2 4 4	18	28N	W80	257354	4060237*	5204 09/04/1978	09/06/1978 09/13/1978	1450	800	727
SJ SJ	Shallow	1 4	33	29N	W80	260647	4062627	6258 01/06/2014	01/29/2014 02/14/2014	750	640 BAILEY, MARK	1357
SJ RA	Shallow	3 3 3	21	28N	07W	268738	4058093*	8084 09/18/2001	09/20/2001 10/04/2001	98	20 HARGIS, WILLIAM CALVIN	1508
SJ RA	Shallow	3 3	17	27N	07W	266864	4050051*	8732 07/20/1991	08/29/1991 03/20/1992	355	320 CHIVERS, BONNIE	809
SJ RA	Shallow	4 3 3	17	27N	07W	266994	4049907	8925 11/13/2012	11/27/2012 12/03/2012	520	300 MARK BAILEY	1357
SJ SJ	Shallow	2	26	29N	W80	264013	4064891*	9091 01/27/1953	01/27/1953 11/17/1953	560	UNKNOWN	
SJ SJ	Shallow	3 1 2	26	29N	W80	264591	4064831	9254 05/11/2011	05/25/2011 06/01/2011	340	290 MARK BAILEY	1357
SJ SJ	Shallow	3	21	29N	W80	260073	4065803*	9462 03/23/1953	03/23/1953 11/17/1953	606	406 UNKNOWN	
SJ SJ	Shallow	3	21	29N	W80	260073	4065803*	9462 03/23/1953	03/29/1953 12/03/1953	606	406 CONLEY COX	
	Sub- Code basin County SJ SJ SJ SJ SJ RA SJ RA SJ RA SJ RA SJ RA SJ	Sub-Code basin County Source SJ SJ Shallow SJ SJ Shallow SJ RA Shallow SJ SJ Shallow SJ SJ Shallow SJ SJ Shallow	Sub-         q q q q           Code basin County         Source 6416 4           SJ         SJ           SJ         Shallow         1 2 4           SJ         SJ           SJ         Shallow         1 4           SJ         RA         Shallow         3 3           SJ         RA         Shallow         3 3           SJ         RA         Shallow         4 3 3           SJ         SJ         Shallow         2 2           SJ         SJ         Shallow         3 1 2	Sub-Code basin County         Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	Sub-Code basin County         Q Q Q Q         Tws           SJ         SJ         Shallow         1 2 4 14 28N         28N           SJ         SJ         Artesian         2 4 4 18 28N         28N           SJ         SJ         Shallow         1 4 33 29N         29N           SJ         RA         Shallow         3 3 3 12 21 28N         27N           SJ         RA         Shallow         3 3 3 17 27N         27N           SJ         SJ         Shallow         2 2 26 29N         29N           SJ         SJ         Shallow         3 1 2 2 26 29N         29N           SJ         SJ         Shallow         3 1 2 2 26 29N         29N           SJ         SJ         Shallow         3 1 2 2 26 29N         29N	Sub-Code basin County         Source of 6416 4 Sec         Tws Rng (2 N) (2 N) (2 N)           SJ         SJ         Shallow (1 2 4 4 14 28N) 08W)           SJ         SJ         Artesian (2 4 4 4 18 28N) 08W)           SJ         SJ         Shallow (1 4 33) 29N) 08W           SJ         RA         Shallow (3 3 3 3 17 28N) 07W)           SJ         RA         Shallow (3 3 3 3 17 27N) 07W)           SJ         RA         Shallow (4 3 3 3 17 27N) 07W)           SJ         SJ         Shallow (2 3 1 2 26) 29N) 08W)           SJ         SJ         Shallow (3 1 2 26) 29N) 08W)           SJ         SJ         Shallow (3 1 2 26) 29N) 08W)	Sub-Code basin County         Source 6416 4 Sec 7 ws Rng         X           SJ         SJ         Shallow 1 2 4 14 28N 08W 263604         263604           SJ         SJ         Artesian 2 4 4 14 28N 08W 257354         257354           SJ         SJ         Shallow 1 4 3 3 29N 08W 260647         268738           SJ         RA         Shallow 3 3 3 1 2 28N 07W 268738         268738           SJ         RA         Shallow 3 3 3 17 27N 07W 266864         266864           SJ         SJ         Shallow 2 3 3 17 27N 07W 266994         266994           SJ         SJ         Shallow 3 1 2 26 29N 08W 264591         264591           SJ         SJ         Shallow 3 1 2 26 29N 08W 264591         2640073	Sub-Code basin County         Source 6416 4 Sec Tws Rng         X         Y           SJ         SJ         Shallow 1 2 4 14 28N 08W         263604 4060474*	Sub-Code basin County         G 4 1 6 4 Sec 6416 4 Sec Tws Rng SJ         Tws Rng SJ         X Y Distance Start Date 4946 06/07/1990           SJ SJ Shallow SJ Shallow SJ SJ SJ SJ Shallow SJ SJ SJ SJ Shallow SJ SJ SJ SJ SJ Shallow SJ	Sub- Code basin County         Source Sour	Sub- Code basin County         Source of 6416 4 Sec of 148 8 Sec	Sub-Code basin County   Source   6416 4   Sec   Tws   Rng   SJ   Shallow   1 2 4 1 14   28N 08W   263604   4060474*   4946   06/07/1990   06/10/1990   06/25/1990   540   480 CHIVERA DRILLING CO.   SJ   SJ   Artesian   2 4 4 8 28N 08W   263604   4060474*   4946   06/07/1990   06/10/1990   06/25/1990   540   480 CHIVERA DRILLING CO.   SJ   SJ   Artesian   2 4 4 8 28N 08W   263644   4060237*   5204   09/04/1978   09/06/1978   09/13/1978   1450   800     SJ   Shallow   3 4 3 3 29N 08W   260647   4062627*   6258   01/06/2014   01/29/2014   02/14/2014   750   640 BAILEY, MARK     SJ   RA   Shallow   3 3 3 1 2 28N 07W   266864   4050051*   8732   07/20/1991   08/29/1991   03/20/1992   355   320 CHIVERS, BONNIE     SJ   SJ   Shallow   3 3 1 7 27N 07W   266894   4049907*   8925   11/13/2012   11/27/2012   12/03/2012   520   300 MARK BAILEY     SJ   Shallow   3 1 2 2 6 29N 08W   264013   4064891*   9091   01/27/1953   01/27/1953   11/17/1953   560   UNKNOWN     SJ   Shallow   3 3 1 2 29N 08W   264013   4064891*   9024   05/11/2011   05/25/2011   06/01/2011   340   290 MARK BAILEY     SJ   Shallow   3 3 2 2 29N 08W   264013   4064891*   9024   05/11/2011   05/25/2011   06/01/2011   340   290 MARK BAILEY     SJ   Shallow   3 3 2 2 29N 08W   264013   4064891*   9024   05/11/2011   05/25/2011   06/01/2011   340   290 MARK BAILEY     SJ   Shallow   3 3 2 2 29N 08W   264013   4064891*   9024   05/11/2011   05/25/2011   06/01/2011   340   290 MARK BAILEY     SJ   Shallow   3 3 2 2 29N 08W   264013   4064891*   9024   05/11/2011   05/25/2011   06/01/2011   340   290 MARK BAILEY     SJ   Shallow   3 3 2 2 29N 08W   264013   4064891*   9024   05/11/2011   05/25/2011   06/01/2011   340   4064801EY     SJ   Shallow   3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 260839.15 Northing (Y): 4056372 Radius: 10000

#### \*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/3/18 9:47 AM

Page 1 of 1

WELLS WITH WELL LOG INFORMATION



## New Mexico Office of the State Engineer Wells Without Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

		POD			q	q	q						
POD Number	Code	Subbasin	County	Source	64	16	4	Sec	Tws	Rng	X	Υ	Distance
SJ 00209 -AMENDED-S	0		SJ	Shallow	1	1	4	17	28N	W80	258371	4060609*	4903
SJ 00209 S		SJ	SJ	Shallow	1	1	4	17	28N	W80	258371	4060609* 🌑	4903
SJ 00209		SJ	SJ	Shallow	1	2	3	17	28N	W80	257969	4060618* 🌍	5125
SJ 02800		SJ	SJ		3	2	4	24	28N	09W	255555	4058960*	5883
SJ 04069 POD6		SJ	SJ		1	4	3	36	29N	09W	255454	4062703 🌑	8312
SJ 04069 POD2		SJ	SJ		1	4	3	36	29N	09W	255453	4062710 🌍	8317
SJ 04069 POD7		SJ	SJ		1	4	3	36	29N	09W	255457	4062722 🌍	8324
SJ 04069 POD1		SJ	SJ		1	4	3	36	29N	09W	255451	4062721 🌑	8327
SJ 04069 POD8		SJ	SJ		1	4	3	36	29N	09W	255435	4062711 🌑	8330
SJ 04069 POD9		SJ	SJ		1	4	3	36	29N	09W	255435	4062723 🌍	8339
SJ 04069 POD5		SJ	SJ		1	4	3	36	29N	09W	255447	4062735 🌑	8341
SJ 04069 POD10		SJ	SJ		1	4	3	36	29N	09W	255419	4062712 🌍	8341
SJ 04069 POD3		SJ	SJ		1	4	3	36	29N	09W	255421	4062724 🌑	8349
SJ 04069 POD4		SJ	SJ		1	4	3	36	29N	09W	255420	4062736 🌑	8359
SJ 04069 POD11		SJ	SJ		1	4	3	36	29N	09W	255408	4062726 🌑	8359
SJ 02874		SJ	RA		3	2	4	28	28N	07W	269911	4056857*	9084

Record Count: 16

UTMNAD83 Radius Search (in meters):

**Easting (X):** 260839.15 **Northing (Y):** 4056372 **Radius:** 10000

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

<sup>\*</sup>UTM location was derived from PLSS - see Help

#11 30-045-21078

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

Operator MERIDIAN OIL Location: UnitSW Sec.27 Twp 28 Rng 8
Name of Well/Wells or Pipeline Serviced HOWFLI #4, #11
cps 47.3w
Elevation 6280' Completion Date 10/12/73 Total Depth 680' Land Type* N/A
Casing, Sizes, Types & Depths N/A
If Casing is cemented, show amounts & types used N/A
If Cement or Bentonite Plugs have been placed, show depths & amounts used $N/A$
Depths & thickness of water zones with description of water when possible:  Fresh, Clear, Salty, Sulphur, Etc. 470'
Depths gas encountered: N/A
Type & amount of coke breeze used: 6800 lbs.
Depths anodes placed: 628', 620', 612', 604', 596', 588', 580', 572', 564', 556', 549
Depths vent pipes placed: N/A
Vent pipe perforations: 500' DECEIVED
Remarks: gb #2 MAY 31 1991
OIL C

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

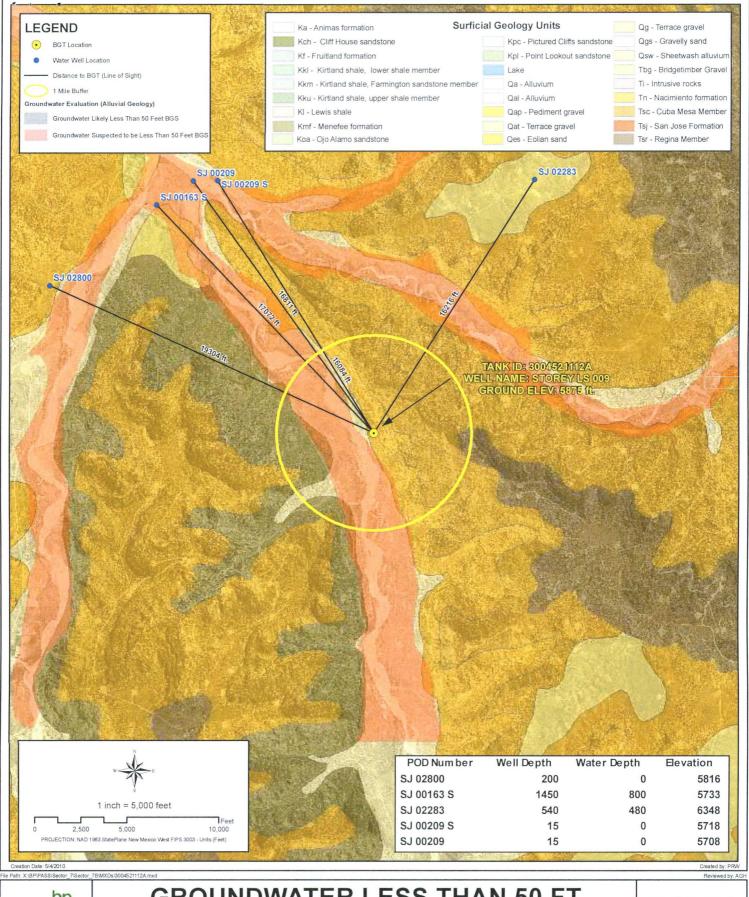
<sup>\*</sup>Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee. If Federal or Indian, add Lease Number.

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

Operator MERIDIAN OIL Location: UnitSW Sec 27 Twp 28 Rng8
Name of Well/Wells or Pipeline Serviced HOWFLI #4, #11
cps_473w
Elevation <sub>6280'</sub> Completion Date 3/31/64 Total Depth 320' Land Type* N/A
Casing, Sizes, Types & Depths N/A
If Casing is cemented, show amounts & types used N/A
If Cement or Bentonite Plugs have been placed, show depths & amounts used  N/A
Depths & thickness of water zones with description of water when possible: Fresh, Clear, Salty, Sulphur, Etc. N/A
Depths gas encountered: N/A
Type & amount of coke breeze used: 3700 lbs.
Depths anodes placed: 297', 249', 243', 190', 165', 80', 74'
Depths vent pipes placed: N/A RECEIVED
IV/
Remarks: gb #1 MAY31 1991
OIL CON. DIV

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

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

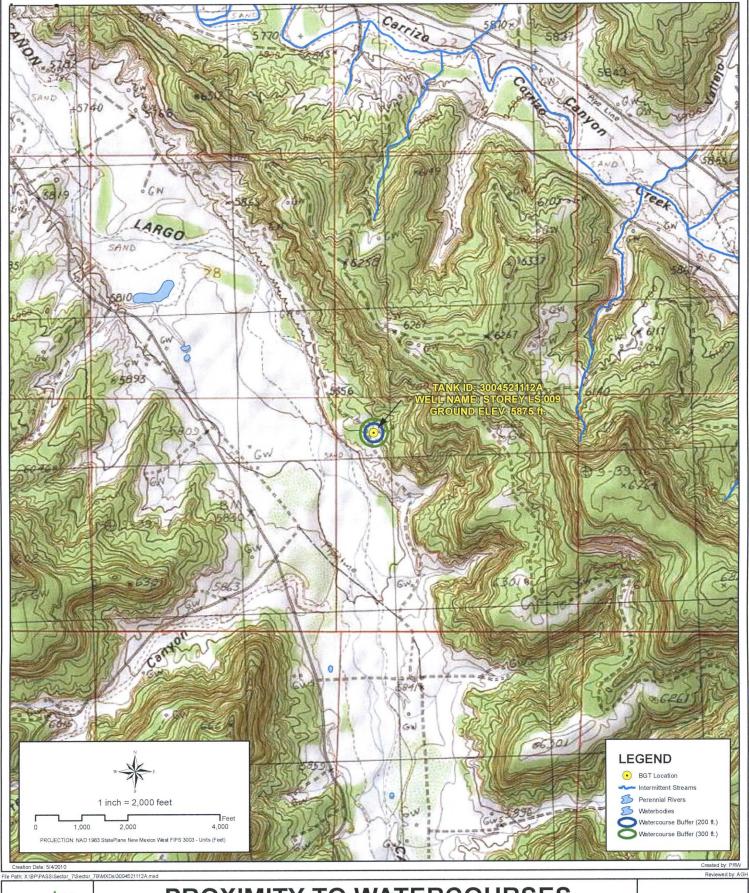




### **GROUNDWATER LESS THAN 50 FT.**

WELL NAME: STOREY LS 009

API NUMBER: 3004521112 TANK ID: 3004521112A SECTION 34, TOWNSHIP 28.0N, RANGE 08W, P.M. NM23

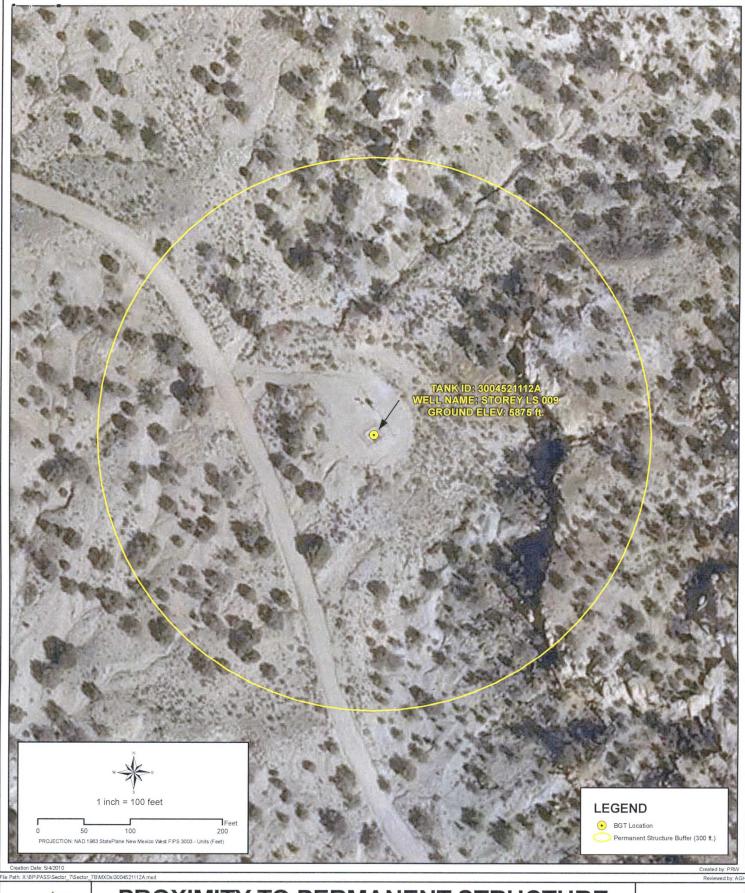




## PROXIMITY TO WATERCOURSES

WELL NAME: STOREY LS 009

API NUMBER: 3004521112 TANK ID: 3004521112A SECTION 34, TOWNSHIP 28.0N, RANGE 08W, P.M. NM23



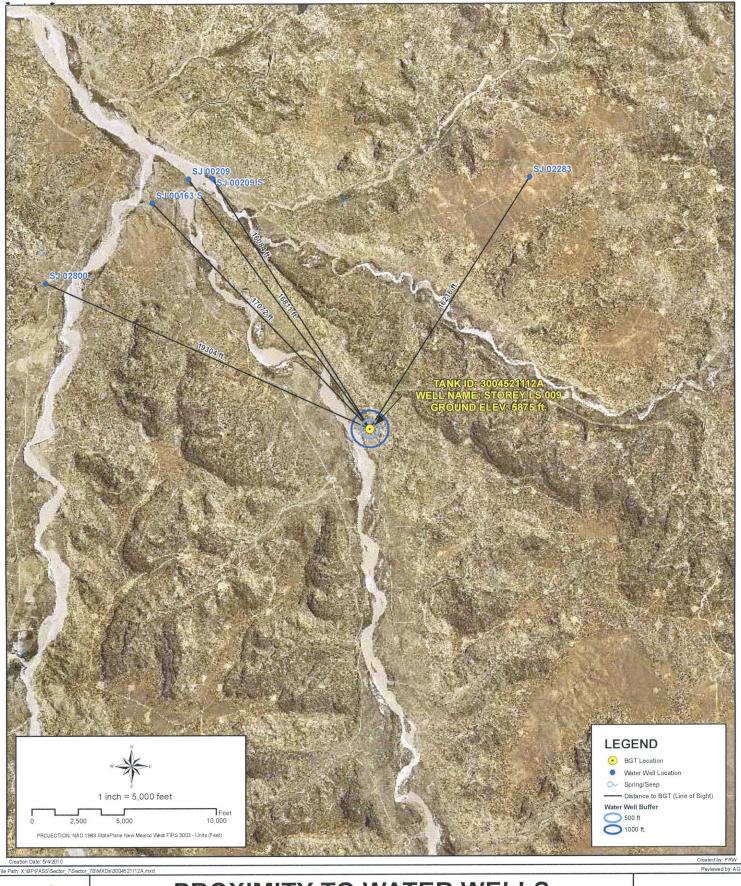


### PROXIMITY TO PERMANENT STRUCTURE

WELL NAME: STOREY LS 009

API NUMBER: 3004521112 TANK ID: 3004521112A SECTION 34, TOWNSHIP 28.0N, RANGE 08W, P.M. NM23

FIGURE



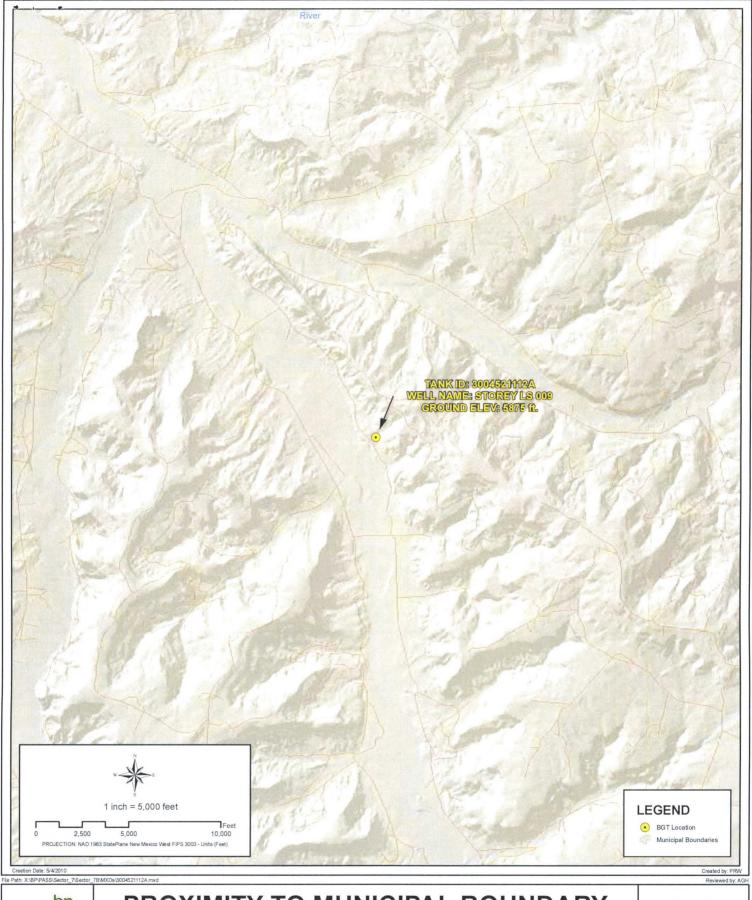


## PROXIMITY TO WATER WELLS

WELL NAME: STOREY LS 009

API NUMBER: 3004521112 TANK ID: 3004521112A SECTION 34, TOWNSHIP 28.0N, RANGE 08W, P.M. NM23

FIGURE

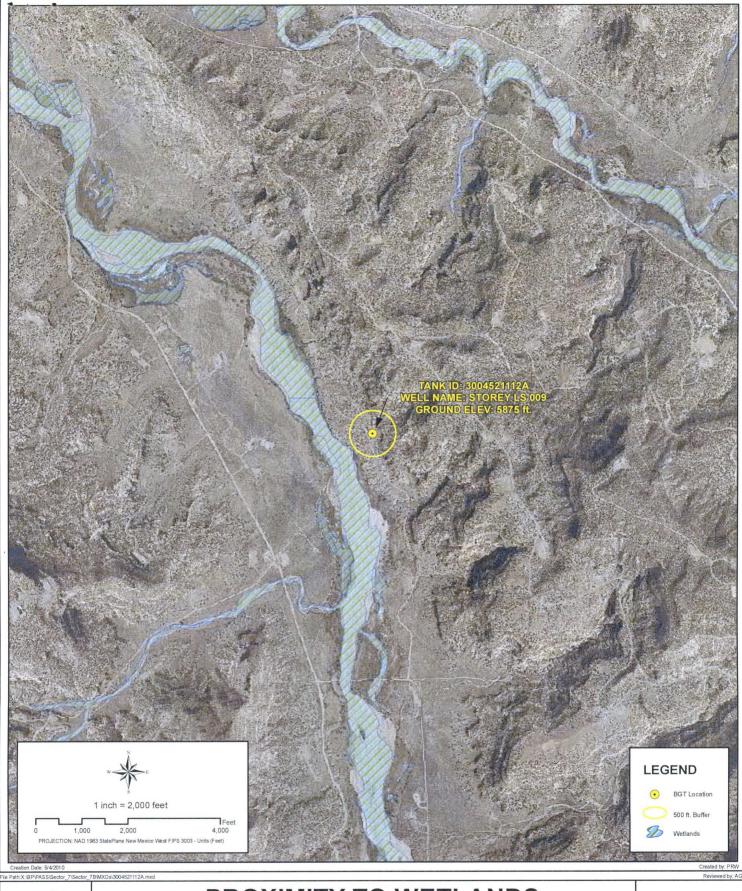




## PROXIMITY TO MUNICIPAL BOUNDARY

WELL NAME: STOREY LS 009

API NUMBER: 3004521112 TANK ID: 3004521112A SECTION 34, TOWNSHIP 28.0N, RANGE 08W, P.M. NM23





## **PROXIMITY TO WETLANDS**

WELL NAME: STOREY LS 009

API NUMBER: 3004521112 TANK ID: 3004521112A SECTION 34, TOWNSHIP 28.0N, RANGE 08W, P.M. NM23

FIGURE



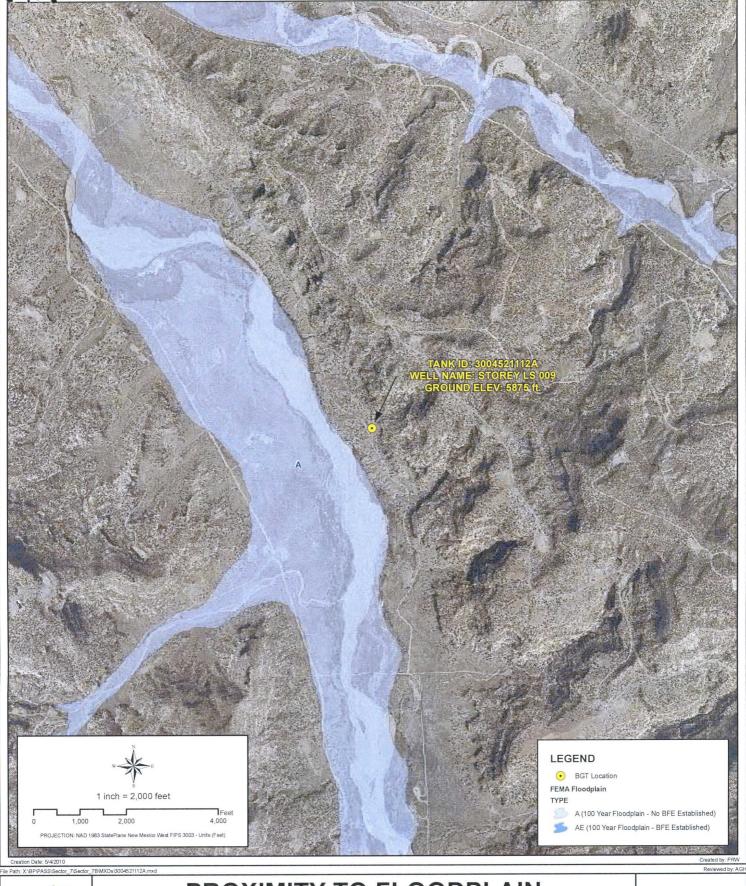


## PROXIMITY TO SUBSURFACE MINES

WELL NAME: STOREY LS 009

API NUMBER: 3004521112 TANK ID: 3004521112A SECTION 34, TOWNSHIP 28.0N, RANGE 08W, P.M.NM23

FIGURE



## PROXIMITY TO FLOODPLAIN

WELL NAME: STOREY LS 009

API NUMBER: 3004521112 TANK ID: 3004521112A SECTION 34, TOWNSHIP 28.0N, RANGE 08W, P.M. NM23

#### BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN, NORTHWEST NEW MEXICO

#### BELOW-GRADE TANK CLOSURE PLAN

This plan will address the method, procedures, and protocols for closure of below-grade tanks (BGTs) on BP America Production Company (BP) well sites pursuant to Subsection A of 19.15.17.13 NMAC. As stipulated in Paragraph (1) of Subsection C of 19.15.17.13 NMAC, BP will not commence closure without first obtaining approval of the closure plan submitted pursuant to Paragraph (3) of Subsection B of 19.15.17.9 NMAC. If deviations from this plan are necessary, BP will request preapproval from the Division District III office of any specific changes and will be included on form C-144. BP shall close its BGTs within 60 days of cessation of the operation as required by Paragraph (4) of Subsection G of 19.15.17.13 NMAC.

#### General Closure Plan

- 1. BP shall notify the surface owner by certified mail; return receipt requested that it plans to close a BGT. Notice given will be at least 72 hours in advanced, but not more than one week prior to any closure operation. The notice shall include the well name, API number, and legal description of the location. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records demonstrates compliance with this requirement.
- 2. BP shall notify the Division District III office verbally and in writing at least 72 hours, but not more than one week, prior to any closure operation. The notice shall include the Operator's name, and the location of the BGT to be closed by unit letter, section, township and range. If the BGT closure is associated with a particular well, then the notice shall also include the well's name, number and API number.
- 3. Within 60 days of cessation of operations, BP shall remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD approved facility. The facilities to be used are:
  - a. BP Crouch Mesa Landfarm, Permit NM-02-003 (Solids)
  - b. JFJ Landfarm, Permit NM-01-010(B) (Solids and Sludge)
  - c. Basin Disposal, Permit NM-01-0005 (Liquids)
  - d. Envirotech Inc Soil Remediation Facility, Permit NM-01-0011 (Solids and Sludge)
  - e. BP Operated E.E. Elliott SWD #1, API 30-045-27799 (Liquids)
  - f. BP Operated 13 GCU SWD #1, API 30-045-28601 (Liquids)
  - g. BP Operated GCU 259 SWD, API 30-045-20006 (Liquids)
  - h. BP Operated GCU 306 SWD, API 30-045-24286 (Liquids)
  - i. BP Operated GCU 307 SWD, API 30-045-24248 (Liquids)
  - j. BP Operated GCU 328 SWD, API 30-045-24735 (Liquids)
  - k. BP Operated Pritchard SWD #1, API 30-045-28351 (Liquids)
- 4. BP shall remove the BGT and dispose of it in a NMOCD approved facility or recycle, reuse, or reclaim it in a manner that the Division District III office approves. Documentation as to the final disposition of the removed BGT will be provided in the final closure report.
- 5. Within six months of cessation of operations, BP shall remove any on-site equipment associated with a BGT unless the equipment is required for some other purpose.
- 6. BP shall test the soils beneath the BGT to determine whether a release has occurred. BP shall collect at a minimum: a five (5) point composite sample to include any obvious stained or wet soils, or other evidence of a release under the BGT. The composite sample shall be collected and analyzed as required for the constituents listed in Table I within Subparagraph (a) of Paragraph (3) of Subsection C of 19.15.17.13 NMAC (see Table 1 on following page).

	Ta	ble 1								
Closure Criteria for Soils Beneath Below-Grade Tanks										
Depth below bottom of pit to groundwater less than 10,000 mg/l TDS	Constituent	Method*	Limit**							
	Chloride	EPA 300.0	600 mg/kg							
≤50 feet	ТРН	EPA SW-846 Method 418.1	100 mg/kg							
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg							
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg							
51 feet-100 feet	Chloride	EPA 300.0	10,000 mg/kg							
	ТРН	EPA SW-846 Method 418.1	2,500 mg/kg							
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg							
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg							
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg							
	Chloride	EPA 300.0	20,000 mg/kg							
	ТРН	EPA SW-846 Method 418.1	2,500 mg/kg							
> 100 feet	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg							
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg							
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg							

Notes:

mg/Kg = milligram per kilogram, BTEX = benzene, toluene, ethylbenzene, and total xylenes, TPH = total petroleum hydrocarbons, TDS = total dissolved solids.

- \* Or other test methods approved by the division
- \*\* Numerical limits or natural background level, whichever is greater
- 7. If any contaminant concentration exceeds those standards set in Table I, BP will acknowledge NMOCD's position to require additional delineation upon review of the results. BP will not proceed with any further closure activities until approval is first granted by NMOCD.
- 8. If the sampling demonstrates that all contaminant constituents do not exceed the concentrations specified in Table I, then BP shall backfill the excavation, with non-waste containing, uncontaminated, earthen material.
- 9. BP shall reclaim the BGT location and all areas associated with the BGT including associated access roads to a safe and stable condition that blends with the surrounding undisturbed area. BP shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Paragraph (2) of Subsection H of 19.15.17.13 NMAC, re-contour the BGT location and associated areas to a contour that approximates the original contour and blends with the surrounding topography and re-vegetate according to Paragraph (5) of Subsection H of 19.15.17.13 NMAC.
- 10. BP may propose an alternative to the re-vegetation or recontouring requirement if it can demonstrate to the NMOCD's District III office that the proposed alternative provides equal or greater prevention of erosion, and protection of fresh water, public health and the environment. BP will seek surface owner approval of the proposed alternative and provide written documentation of the surface owner's approval to NMOCD for its approval.
- 11. Areas reasonably needed for production operations or for subsequent drilling operations shall be compacted, covered, paved, or otherwise stabilized and maintained in such a way as to minimize dust and erosion to the extent practicable.

- 12. The soil cover for closures after site contouring, where the BGT has been removed and if necessary remediated beneath the BGT to chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, shall consist of the background thickness of topsoil or one foot or suitable material, whichever is greater.
- 13. The soil cover will be constructed to the site's existing grade and all practicable efforts will be made to prevent ponding of water and erosion of the cover material.
- 14. All areas disturbed by the closure of the BGT, except areas reasonably needed for production operations or for subsequent drilling operations, shall be reclaimed as early and as nearly as practicable to their original condition or their final land use and shall be maintained to control dust and minimize erosion to the extent practicable.
- 15. Topsoils and subsoils shall be replaced to their original relative positions and contoured so as to achieve erosion control, long-term stability and preservation of surface water flow patterns. The disturbed area then shall be reseeded in the first favorable growing season following closure of the BGT.
- 16. Reclamation of all disturbed areas no longer in use shall be considered complete when all ground surface disturbing activities at the site have been completed, and a uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre-disturbance levels and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds.
- 17. The re-vegetation and reclamation obligations imposed by other applicable federal or tribal agencies on lands managed by those agencies shall supersede these provisions and govern the obligations of BP subject to those provisions, provided that the other requirements provide equal or better protection of fresh water, human health and the environment.
- 18. Pursuant to Subparagraph (e) of Paragraph (5) of Subsection H of 19.15.17.13 NMAC, BP shall notify the NMOCD when reclamation and re-vegetation has been successfully achieved.
- 19. Within 60 days of closure completion, BP shall submit a closure report on NMOCD's form C-144, and will include the following;
  - a. necessary attachments to document all closure activities
  - b. sampling results
  - c. information required by 19.15.17 NMAC
  - d. details on back-filling, capping and covering, where applicable.
- 20. BP shall certify that all information in the report and attachments is accurate, truthful, and compliant with all applicable closure requirements and conditions specified in the approved closure plan.