BDU 23 33 20 1 G
API: 30-059-20554
Pit closure information

GPS Coordinates of Pit Marker & Center of Pit :

N 36.2121885 , W -103.4415517

INFORMATION ENCLOSED WITH PIT CLOSURE REPORT:

1) **ORIGINAL PIT CLOSURE PERMIT.**

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- [x] Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- [x] Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- [ ] Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- [x] Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- [x] Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- [x] 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 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 H of 19.15.17.13 NMAC
- [x] Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

IN ADDITION:

1) **NOTICE OF DEED FILED WITH HARDING COUNTY CLERK AS PER 19.15.17.13.E.(4)**
2) **SUMMARY OF MAJOR OPERATION**
3) **PICTURE OF LOCATION SHOWING PIT AREA AND MARKER**

ORIGINAL C - 144

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 June 6, 2013

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.

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.

1.
Operator: Oxy USA INC OGRID #: 16696
Address: 5 Greenway Plaza, Ste. 110, Houston, Tx 77046
Facility or well name: Bravo Dome Unit 2333-201
API Number: 30-059-20554 OCD Permit Number:
U/L or Qtr/Qtr _____ Section 20 Township 23N Range 33E County: UNION
Center of Proposed Design: Latitude _____ Longitude _____ NAD: ☒ 1927 ☐ 1983
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: Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☒ String-Reinforced
Liner Seams: ☒ Welded ☒ Factory ☐ Other _____ Volume: _____ bbl Dimensions: L_____ x W_____ x D_____

3.
☐ **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 and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____ mil ☐ HDPE ☐ PVC ☐ Other _____

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_____

6.

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)

7.

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

8.

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 acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. ☐ Yes ☒ No ☐ NA

- ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. ☐ Yes ☒ No ☐ NA

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

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)** ☐ Yes ☒ No

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** ☐ Yes ☒ No

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

Within an unstable area. **(Does not apply to below grade tanks)** ☐ 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. **(Does not apply to below grade tanks)** ☐ Yes ☒ No

- FEMA map

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). ☐ Yes ☒ No

- Topographic map; Visual inspection (certification) of the proposed site

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. ☐ Yes ☒ No

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

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.) ☐ Yes ☒ No

- Topographic map; Visual inspection (certification) of the proposed site

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 300feet of any other fresh water well or spring, in existence at the time of the initial application. ☐ Yes ☒ No

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

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

10.

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 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 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

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 documents are 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 19.15.17.9 NMAC 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: _____ or Permit Number: _____

12.
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 (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_2S, 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

13.
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 Fluid Management Pit ☐ 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

14.
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 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
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

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 source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 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. 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 Geological Society; Topographic map	☐ Yes ☒ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☒ No

16.
On-Site 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.***

- ☐ 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 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ 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 standards cannot be achieved)
- ☐ 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

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 and belief.

Name (Print): L. Kiki Lockett Title: Regulatory Specialist

Signature: L. Lockett Date: 4/25/2014

e-mail address: kiki_lockett@oxy.com Telephone: 713-215-7643

18.
OCD Approval: ☑ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Ed Martin **Approval Date:** 5/5/2014

Title: DISTRICT SUPERVISOR **OCD Permit Number:**

19.
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 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:**

20.
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.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ☐ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ 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

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 and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): L. Kiki Lockett Title: Reg Specil.

Signature: L Lockett Date: 4/23/14

e-mail address: Kiki_Lockett@oxy.com Telephone: 713-215-7643

BDU 23 33 20 1 G
API: 30-059-20554

33.
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 and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Al Giussani Title: Eng. Advisor

Signature: Giussani Date: 11/20/2015

e-mail address: albert_giussani@oxy.com Telephone: 806 638 1296

NOTICE OF PIT CLOSURE TO NMOCD:

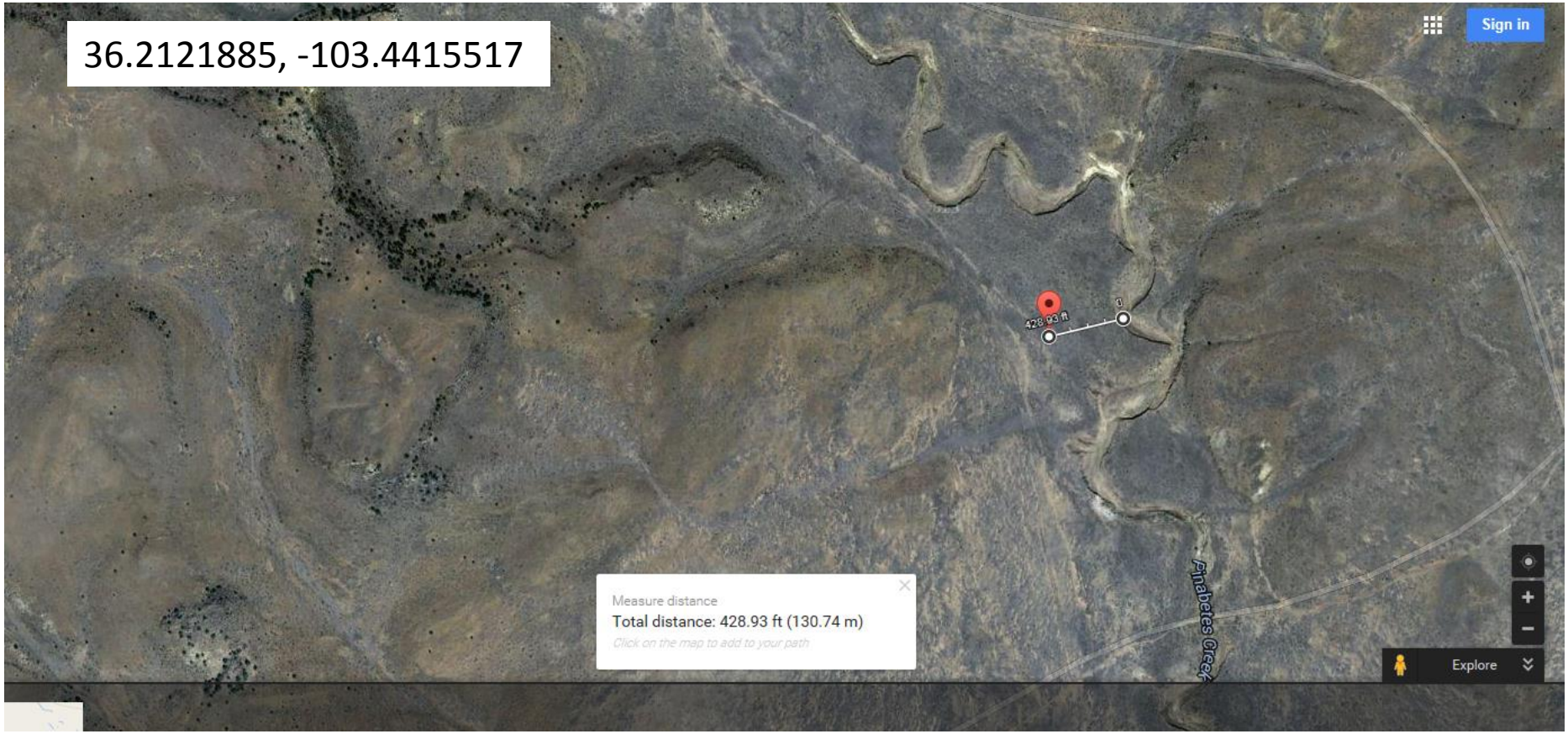
VERBAL DURING SITE INSPECTION , JUNE 17TH 2015.

SITTING REQUIREMENTS, 19.15.17.10.A.(1)

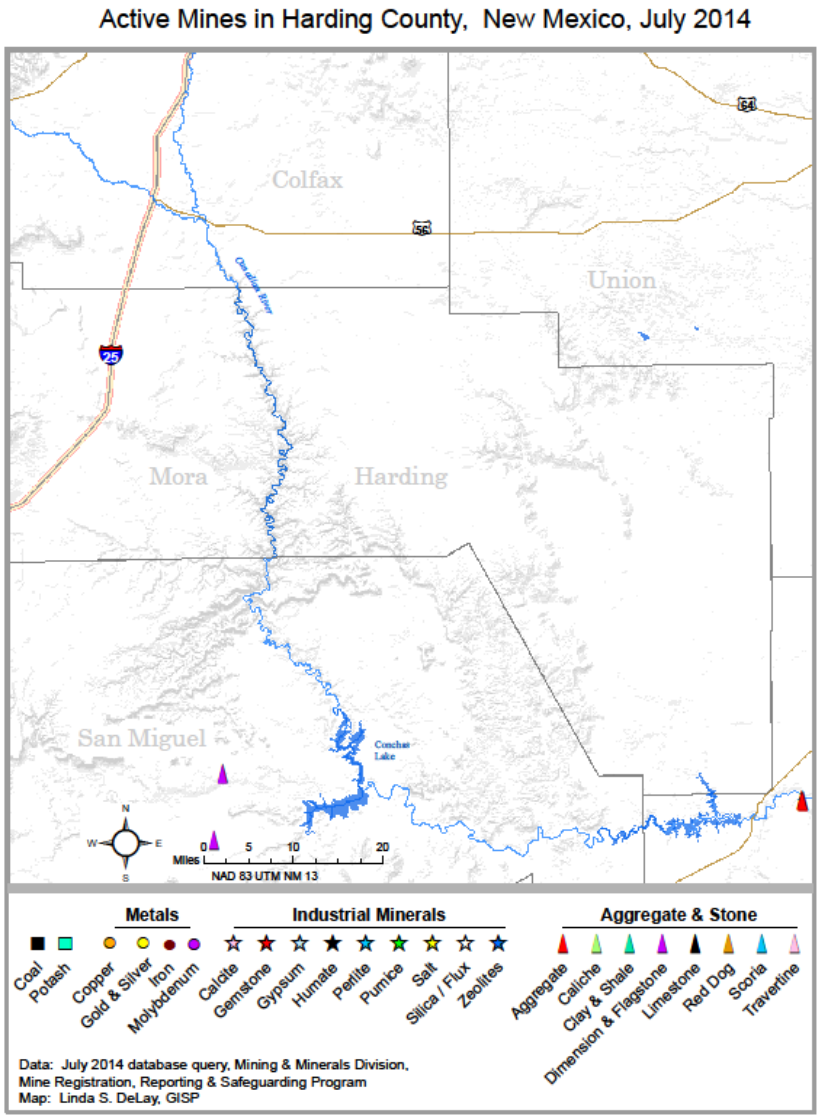
SITTING REQUIREMENTS : 19.15.17.10.A.(1), (a)

OFFSET AREA :		DEPTH OF WELL	DISTANCE
SECTIONS WITHIN ONE MILES RADIUS			
	23N- 33E, SECTIONS 16,17,18,19,21,28,29,30	NO DATA	
NEAREST SECTIONS WITH DATA			
	EAST		
T - R	23 33		
	33	50	~ 3 MILE SE
	WEST		
T - R	23 32		
	27	42	~ 4.5 MILES
	28	42	~ 5.5 MILES
	SOUTH		
T - R	22 33		
	6	236	~ 3 MILES
	NORTH		
T - R	24 33		
	34	120	~ 5 MILES
	35	120	~ 5.5 MILES
	BASED ON THIS DATA OXY ESTIMATE TOP OF WATER AT A DEPTH> 50 FT		

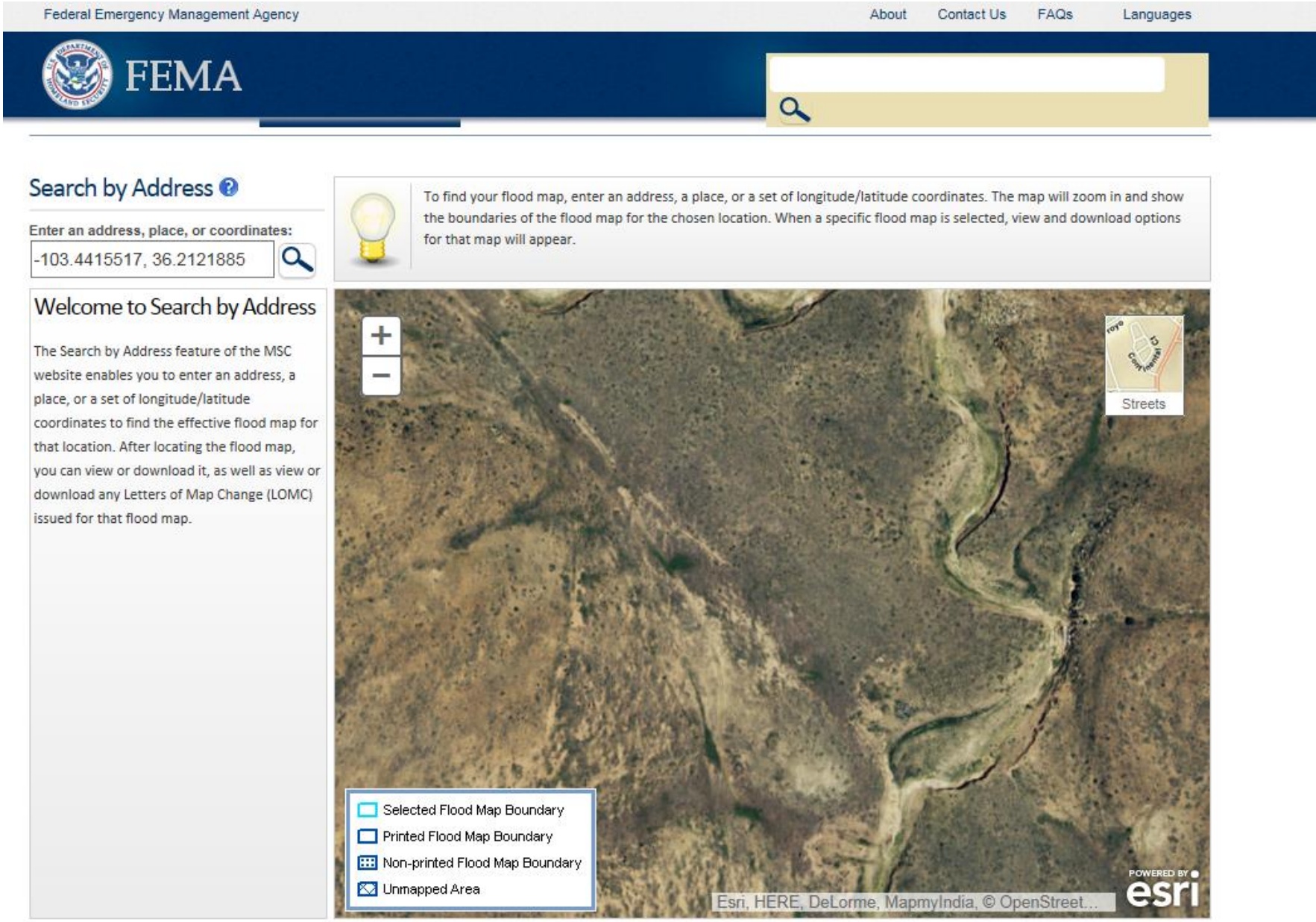
SITTING REQUIREMENTS : 19.15.17.10.A.(1), (b),(c), (e), (f).



SITTING REQUIREMENTS : 19.15.17.10.A.(1),(g).



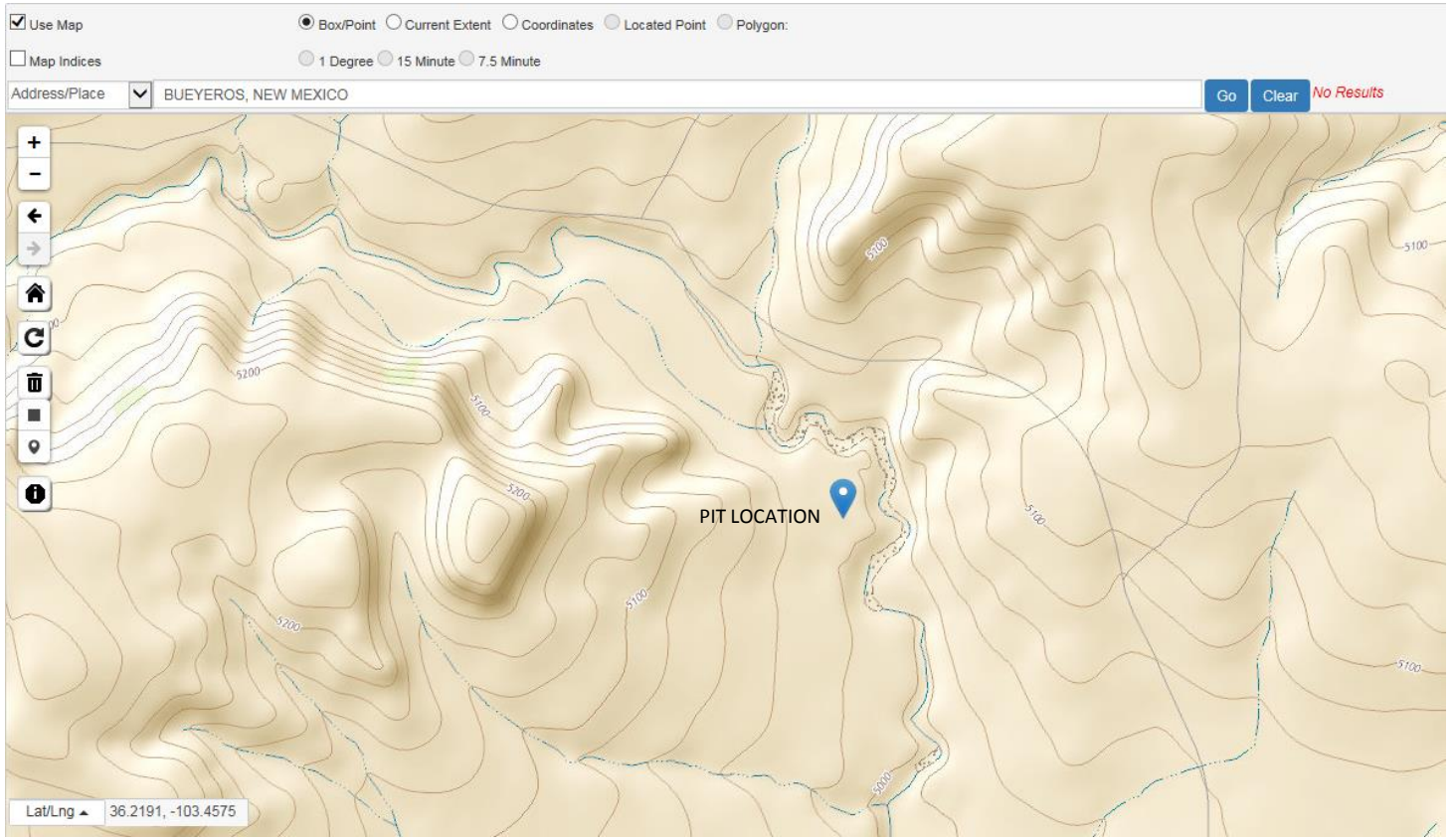
SITTING REQUIREMENTS : 19.15.17.10.A.(1), (i).



SITTING REQUIREMENTS : 19.15.17.10.A.(1), (e) & (h) are met:

1) (e) no municipality is located within miles of this location

2) (h) land layout is of gentle slopes.



OXY USA Inc.
P.O. 4294
Houston, TX 77210-4294

July 20, 2015

U.S. II Partners Inc.
111 North 1st
Texline, TX 79087

CERTIFIED MAIL – 7014 2870 0003 2009 4239

Re: **Bravo Dome Unit 2333-201G – Reserve Pit Closure Notice**
Section 20, T23N, R33E

Dear Mr. Poole:

Please be advised, OXY USA Inc. plans to commence reserve pit closure activity on the captioned well location site during the week of July 27th, 2015.

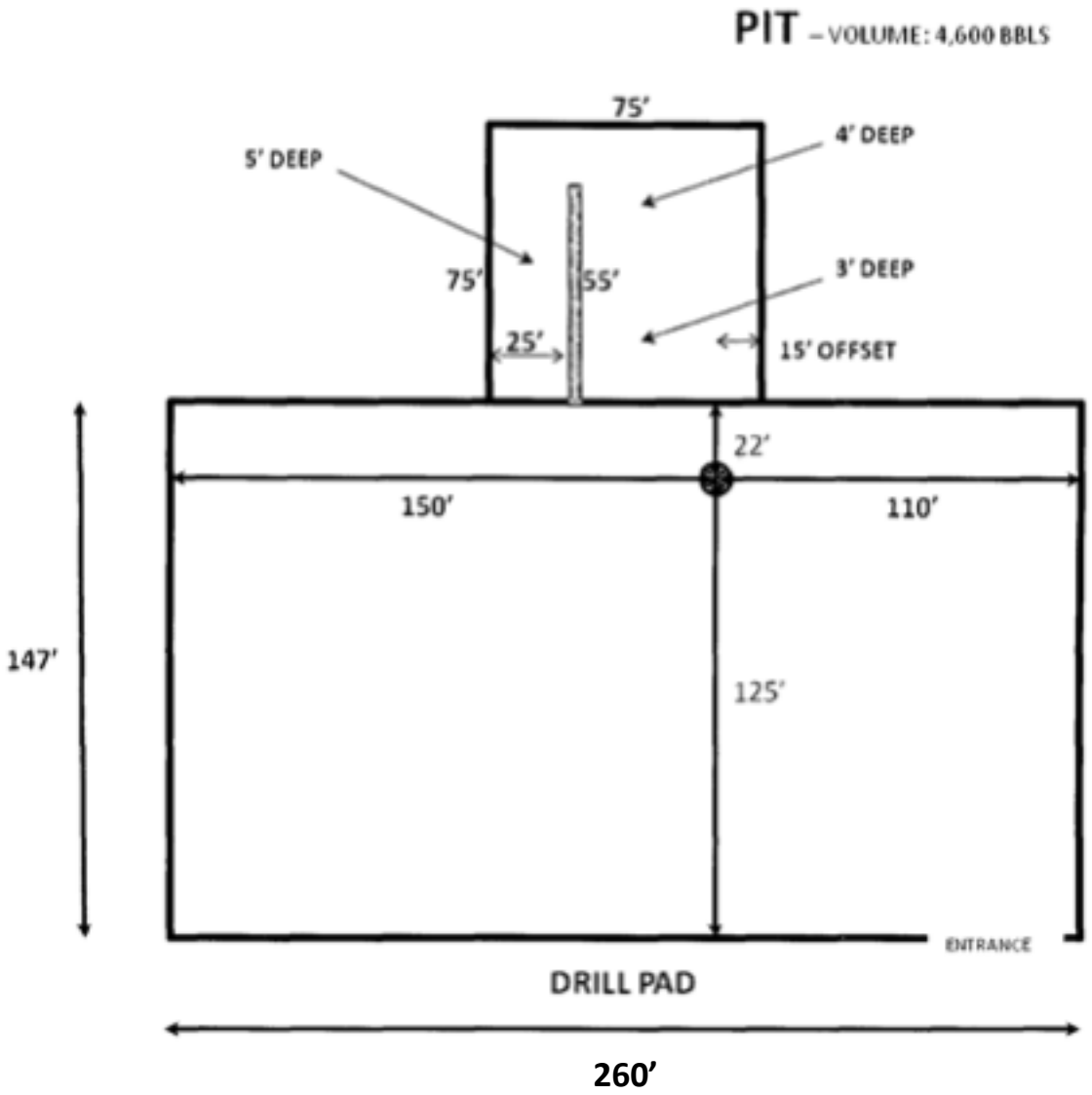
If you have any questions or concerns, please feel free to contact me at (713) 366-5774 office or my cell (281) 727-9832.

Respectfully,

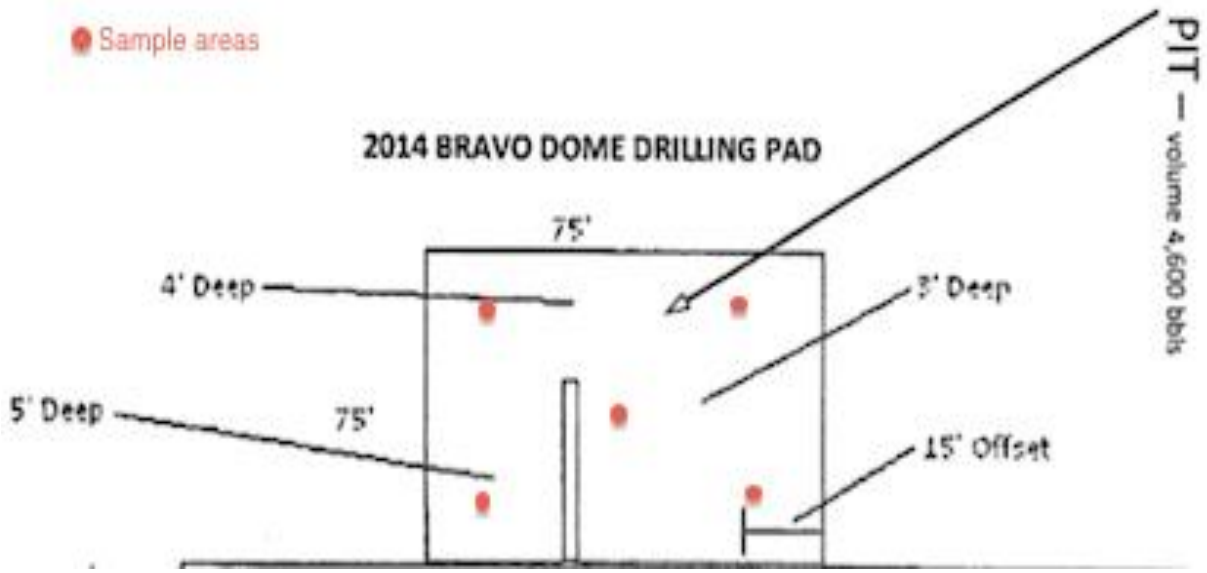
David Woest
Landman Sr.
OXY USA Inc.

PIT DESIGN

GPS Coordinates of Pit Marker & Center of Pit :
N 36.2121885 , W -103.4415517



LOCATION OF TESTING POINTS



CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

OXY USA WTP, LP
ALBERT GUISSANI
770 ROSEBUD HWY
AMISTAD NM, 88410
Fax To:

Received:	04/30/2015	Sampling Date:	04/29/2015
Reported:	05/07/2015	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HARDING COUNTY, NM		

Sample ID: 2333-301G (H501130-04)

BTEX 8021B mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2015	ND	1.90	95.2	2.00	0.220	
Toluene*	<0.050	0.050	05/05/2015	ND	1.71	85.6	2.00	0.421	
Ethylbenzene*	<0.050	0.050	05/05/2015	ND	1.64	82.0	2.00	2.17	
Total Xylenes*	<0.150	0.150	05/05/2015	ND	5.39	89.8	6.00	2.17	
Total BTEX	<0.300	0.300	05/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *61-154*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3200**	16.0	05/05/2015	ND	416	104	400	7.41	

TPH 418.1 mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	**1390**	100	05/05/2015	ND	5020	100	5000	6.84	

TPH 8015M mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/04/2015	ND	197	98.4	200	0.528	
DRO >C10-C28	<10.0	10.0	05/04/2015	ND	203	102	200	1.44	

Surrogate: 1-Chlorooctane *95.9 %* *47.2-157*

Surrogate: 1-Chlorooctadecane *90.4 %* *52.1-176*

Temporary Drilling Pit – Closure Plan

In accordance with Rule 19.15.17.9 and 19.15.17.13 NMAC the following information describes the closure requirements of temporary pits on locations. This is OXY Bravo Dome'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 NMOCD within 60 days 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

1. Prior to commencement of closure operations OXY will obtain approval of the closure plan submitted with the permit application.
2. The preferred method of closure for the temporary pit will be on-site burial, assuming that all siting criteria as outlined in 19.15.17.13.D.2 are met. OXY will report the exact location of the onsite burial on form C-105 as part of the closure report.
3. Free standing liquids will be removed as soon as practical for recycle use in the drilling of other wells. Any free standing liquids that are not recycled will be removed prior to pit closure and disposed of in a division–approved facility , Sundance Services, Inc. Parabo Disposal Facility (Permit # NMOCD R-5516), unless they are recycled, reused, or reclaimed in a division district office-approved manner.
4. Pit solids will be allowed to air dry as completely as possible prior to starting pit closing activities.
5. The pit will stabilized with clean non-waste containing earthen material with a ratio no more than 3:1
6. After stabilization, the contents of the pit will be tested to determine whether concentrations are below standards. A five-point composite sample will be collected. The samples will be sent to an approved laboratory and analyzed for benzene, total BTEX, TPH, the GRO and DRO combined fraction, and chlorides. Assuming water could be encountered at depth > 100 feet, based on offset well TU 00567, Figure 3, the following should not be exceeded:

Table II Closure Criteria for Burial Trenches and Waste Left in Place in Temporary Pits			
Depth below bottom of pit to groundwater less than 10,000 mg/l TDS	Constituent	Method*	Limit**
	Chloride	EPA Method 300.0	80,000mg/kg
>100 feet	TPH	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

*Or other test methods approved by the division
** Numerical limits or natural background level, whichever is greater
[19.15.17.13 NMAC – Rp, 19.15.7.13 NMAC, 6/28/13]

7. If the contents are above the concentration limits after stabilization OXY will comply with 19.15.17.13.C (Waste Excavation and Removal).
8. Upon completion of testing, 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
9. All contents, including synthetic pit liners, will be buried in place. By folding outer edges of the pit liner to overlap waste material, and then installing geomembrane liner cover that is 20 mil string reinforced LLDPE, synthetic material, impervious, resistant to ultra violet light, petroleum hydrocarbons, salts, acid and alkaline.
10. The surface owner shall be notified of OXY Bravo Dome's proposed closure plan using a means that provides proof of notice i.e., certified mail, return receipt requested, at least 72 hours but not more than one week prior to closure of the Temporary Pit. The notice shall include well name, API number and location.
11. If on site burial is on private land, OXY will file a deed notice identifying the exact location of the onsite burial and the county clerk in the county where the onsite burial occurs
12. Notice of Closure will be given to the appropriate Division office between 72 hours and one week of closure, via email, or verbally. The notification of closure will include the following:

    I Operator's name
    II Location by Unit Letter, Section, Township, and Range
    III Well name and API number

13. 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. The marker will include a threaded collar to be used for future abandonment. The variance

will provide equal or better protection of fresh water, public health and the environment:

A FOUR FOOT TALL RISER WAS INSTALLED DIRECTLY AS PER NMAC 19.15.17.13.F.(3)

While the well pad is active the top of the marker will contain a welded steel 12" square plate that including the following: Operator Name, Lease Name, Well name and number, Unit Letter, Section, Township, Range and an indicator that the marker is an onsite burial location

Upon the abandonment of all the wells on the pad. 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 include the following: Operator Name, Lease Name, Well name and number, Unit Letter, Section, Township, Range and an indicator that the marker is an onsite burial location. 19.15.17 NMAC.

14. Within six (6) months of the Rig Off status occurring, OXY Bravo Dome will ensure that temporary pits are closed, re-contoured
15. Re-contouring of location will match fit, shape, line, form and texture of the surrounding as closely as possible. 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 placed 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.
16. Seeding will be accomplished by drilling on the contour whenever practical, or by other division-approved methods. Vegetative cover will be considered complete when there is a life form ratio of +/- 50% of pre-disturbance levels with at least 70% total plant cover of pre-disturbance level (Excluding Noxious Weeds) OR in accordance to 19.15.17.13.H.5.
17. Revegation will be planted in the first favorable growing season after the pit is closed 19.15.17.13.H.5.b.
18. The division will be notified when reclamation is considered complete, as defined in 19.15.17.13.H.5. c.
19. Within 60 days of closure, completion, a closure report will be submitted on the form C-144, with necessary attachments, to document closure activities, including sampling results, a plot plan, and backfilling details. In this closure report, OXY will certify that all information in the report ad attachments is correct and that OXY has complied with all applicable closure requirements and conditions specified in the approved Closure Plan. A plat of the temporary pit location will be provided on form C-105.

Range Planting

Conservation Practice Job Sheet 550

Natural Resources Conservation Service (NRCS) March, 2014

Client: Loamy Soils Tract: Farm No.:

Planner: Field(s) No.:

Current Land Use: Total Acres: 100

MLRA: HP-1 Date: Planting Date: Jan 1 to Aug 1

See attached drawing or photo for the layout and location of the fields to be planted.

Purposes (check all that apply)

- [x] Restore a plant community
- [ ] Forage for livestock
- [ ] Forage, browse, cover for wildlife
- [x] Reduce erosion by wind, water
- [ ] Improve water quality, quantity
- [ ] Increase carbon sequestration

Plant Materials Information *(all rates are based on 20 plants/ft² PLS)*[1]

Note: Seed Rate (lbs/ac) =(20 plants/ft² seedling)(92Seeds per lbs)X(43560)-(% of mix)-(%germ)-(%purity)

Species/Cultivar	% of Mix (%)	Seeding Rate (lbs/ac)	Ave. Purity (%)	Seed Tag Purity (%)	Ave. Germ. (%)	Seed Tag Germ. (%)	Total Mix per acre (lbs/ac)
Grama, Blue (Hachita)	26%	0.30	100%		100%		
Grama, Sideoats	30%	1.37	100%		100%		
Clover, Sweet	4%	0.13	100%		100%		
Wheatgrass, Western (Barton)	40%	3.17	100%		100%		
TOTAL	100%	If seed tag % not filled in then value is PLS/ otherwise is BULK					4.97

Plant Material Summary

Species/Cultivar (Name)	Seed to Buy (lbs)	Cover Crop or Dead Litter Crop (if used)		
		(Name)	Rate (lbs/ac)	Amount to Buy (lbs)
Grama, Blue (Hachita)	30.20	Straw	4,000	400,000
Grama, Sideoats	138.84			
Clover, Sweet	13.30			
Wheatgrass, Western (Barton)	316.80			
GRAND TOTAL	497.14			

Establishment procedures and Other Management Actions

Site Preparation (timing and type of equipment)

1. Prepare a firm weed free seedbed. (The heel of the boot should not sink in more than 1/2 to 1 inch).

2. A standard soil test is recommended. See Nutrient Mgt 590 standard on the NRCS website for the required fertilizer to establish planting.

I have mixed this ration for 150% rather than 100%. I would consider more of what you are trying to accomplish a critical area planting than range planting since there is no other coverage. You can adjust this accordingly if you would like to change anything. I would recommend that whatever you choose to keep it at the higher rate of 150%-200% since it is bare ground.

Planting Method(s)

1. Drill grass and legume seed uniformly over the area to a depth of approximately 10 times the average diameter of the seed.

2. Plant the recommended rate(s) (lbs/ac) on date(s) listed above.

Additional Notes:

Maintenance

1. The cover will be maintained by occasional mowing, spot spraying, reseeding weak areas, or by controlled burns. If burning is needed, see the Prescribed Burning 338 practice standard. Ask your Conservation Planner for a copy.

2. After the first full season of growth (not the first year) the cover should be mowed or grazed to control annual weeds and to encourage good growth. Timing of mowing should avoid nesting times of birds (Mar-June).

Additional Notes: NRCS standards and specifications recommend that grasses be planted Jan 1 to August 1. This is optimum timeframe, but anytime in between is fine. Before our monsoons hit would be best and to have cover for summer months.

Job Approval and Completion

I agree to install this practice as designed and planned.

Client: Date:

This practice is designed and planned according to NRCS NM Standards and Specifications.

Conservationist: Shawne Trujillo Date: 4-15-15

DEED NOTICE

STATE OF NEW MEXICO §
§
COUNTY OF UNION §

This notice is filed to provide information concerning the location of a temporary drilling pit closure site affecting real property (Property) described as the NE4 of Section 20, Township 23 North, Range 33 East.

In accordance with NMOCD rule 19.15.17.13, a temporary drilling pit burial site related to the OXY USA Inc. Bravo Dome Unit well 2333-201G, API 30-059-20554 is marked on the Property with a steel pole having the GPS coordinates of 36.2121885N, 103.4415517W.

EXECUTED on this 21st day of September, 2015

OXY USA Inc.

By: _____
Name: David J. Woest
Title: Attorney-in-fact

The foregoing instrument was acknowledged before me on this the 21st day of September, 2015, by David J. Woest, Attorney-in-fact of OXY USA INC., a Delaware corporation, on behalf of said corporation.

NOTARY PUBLIC STATE OF TEXAS
IRMA E SANDATE
My Commission Expires
April 23, 2016

BDU 23 33 20 1 G
MAJOR WORK SUMMARY

- June 24, 2015 – Mixed dry dirt into pit
- July 6, 2015 – Stirred pit
- July 14 – Looked at pit
- July 27, 2015 – Closed pit
- August 5, 2015 – Smooth area with grader, Re-seed pit & install pit marker