

BDU 21 32 32 1 G

API: 30-021-20638

Pit closure information

GPS Coordinates of Temporary Pit Marker :

N 36.00921 , W -103.55042

GPS Coordinates of Center of Deep Trench:

N 36.00921 , W -103.55018

INFORMATION ENCLOSED WITH PIT CLOSURE REPORT:

- 1) ORIGINAL PIT CLOSURE PERMIT.
- 2) AMENDED PIT CLOSURE WITH VARIANCE FOR DEEP TRENCH BURIAL

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

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 2132-321
API Number: 30-021-20638 OCD Permit Number: _____
U/L or Qtr/Qtr G Section 32 Township 21N Range 32E County: Harding
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.

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

☐ Yes ☒ No
☐ NA

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.
NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☒ No
☐ NA

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

Within an unstable area. (Does not apply to below grade tanks)

- ☐ 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. (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.

- ☐ Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☒ No

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

III. 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: _____

IV. 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 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

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. | ☐ Yes ☒ No |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ NA |
| Ground water is between 25-50 feet below the bottom of the buried waste | ☒ Yes ☐ No |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ NA |
| Ground water is more than 100 feet below the bottom of the buried waste. | ☐ Yes ☒ No |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ NA |
| Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or plays lake (measured from the ordinary high-water mark). | ☐ Yes ☒ No |
| - Topographic map; Visual inspection (certification) of the proposed site | |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. | ☐ Yes ☒ No |
| - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | |
| 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. | ☐ Yes ☒ No |
| - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | |
| 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: [Signature] 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: [Signature] 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

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. Specialist
Signature: L. Lockett Date: 4/25/14
e-mail address: Kiki-rockett@oxy.com Telephone: 713-215-7643

AMENDED PIT CLOSURE PERMIT

**BECAUSE THE 4' OF COVER REQUIREMENT COULD NOT BE SATISFIED AN
AMENDMENT TO USE AN ON SITE DEEP TRENCH WAS REQUESTED AND
APPROVED**

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
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1220 South St. Francis Dr.
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Pit, Below-Grade Tank, or
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- Type of action: ☐ Below grade tank registration
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☐ 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 SUITE 110, HOUSTON, TX 77046
Facility or well name: 21 32 32 I G
API Number: 30-021-20638 OCD Permit Number: _____
U/L or Qtr/Qtr G Section 32 Township 21 N Range 32 E County: HARDING
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: 4,600 bbl Dimensions: L 75' x W 75' x D 4.5'

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.

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

☐ Yes ☒ No
☐ NA

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.

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

☐ Yes ☒ No
☐ NA

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

Within an unstable area. (Does not apply to below grade tanks)

- 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. (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 an occupied 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 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

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: 30-021-20638 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
- ☐ Hydrogeological 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 Overlapping 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

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
- PROPOSED MODIFICATION TO ORIGINAL PLAN SEE ATTACHED DESCRIPTION AND SKETCHES.**

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. | ☐ Yes ☒ No |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ NA |
| Ground water is between 25-50 feet below the bottom of the buried waste | ☐ Yes ☒ No |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ NA |
| Ground water is more than 100 feet below the bottom of the buried waste. | ☒ Yes ☐ No |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ 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). | ☐ Yes ☒ No |
| - Topographic map; Visual inspection (certification) of the proposed site | |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. | ☐ Yes ☒ No |
| - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | |
| 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. | ☐ Yes ☒ No |
| - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | |
| 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): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

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

OCD Representative Signature: _____ Approval Date: _____

Title: _____ 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. **DEEP TRENCH BURIAL WILL BE USED RATHER THAN CLOSING THE TEMPORARY PIT**

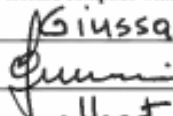
21. **Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

☒ 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

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: Sr Engineering Advisor
Signature:  Date: 9/3/2015
e-mail address: albert.giussani@oxy.com Telephone: 806 638 1296

NOTICE OF PIT CLOSURE TO NMOCD:

**VERBAL AFTER RECEIVING RESULTS OF SOIL SAMPLES UNDER TEMPORARY PIT
LINER, 10/7/2015**

SITTING REQUIREMENTS, 19.15.17.10.A.(1)

OFFSET INFORMATION ON DEPTH OF WATER



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

(A C L W ##### 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)

(In feet)

POD Number	POD Sub- Codebasin	County	Q Q Q Q				Sec	Twp	Rng	X	Y		Depth Well	Depth Water	Water Column
			64	16	4										
TU 00552	HA		4	4	4	02	21N	32E		635843	3993066°		210		
TU 00553	HA		2	4	4	03	21N	32E		634201	3993250°		165		
TU 00554	HA		1	3	2	17	21N	32E		630409	3990775°		94		
TU 00555	HA		1	2	1	34	21N	32E		633320	3986364°		165		
TU 00556	HA		2	3	3	15	21N	32E		633046	3990000°		10		
TU 00557	HA		4	3	1	03	21N	32E		632982	3993838°		110		
TU 00558	HA		2	3	3	15	21N	32E		633046	3990000°		40		
TU 00597	HA		2	2	2	27	21N	32E		634301	3987996°		130		
TU 00598	HA		1	2	1	22	21N	32E		633259	3989600°		120		
TU 00599	HA		4	2	1	16	21N	32E		631813	3991002°		110		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 10

Basin/County Search:

County: Harding

PLSS Search:

Township: 21N Range: 32E

Assumed depth to ground water > 100 ft



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

(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) (In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
TU 00506		HA		2	4	2	25	20N	32E	636784	3978177*	50		
TU 00566		HA		2	2	2	24	20N	32E	636747	3980198*	300		
TU 00672		HA		4	3	4	32	20N	32E	629969	3975412*	110		
TU 00673		HA		3	4	2	34	20N	32E	633388	3976308*	114		

Average Depth to Water: -

Minimum Depth: -

Maximum Depth: -

Record Count: 4

Basin/County Search:

County: Harding

PLSS Search:

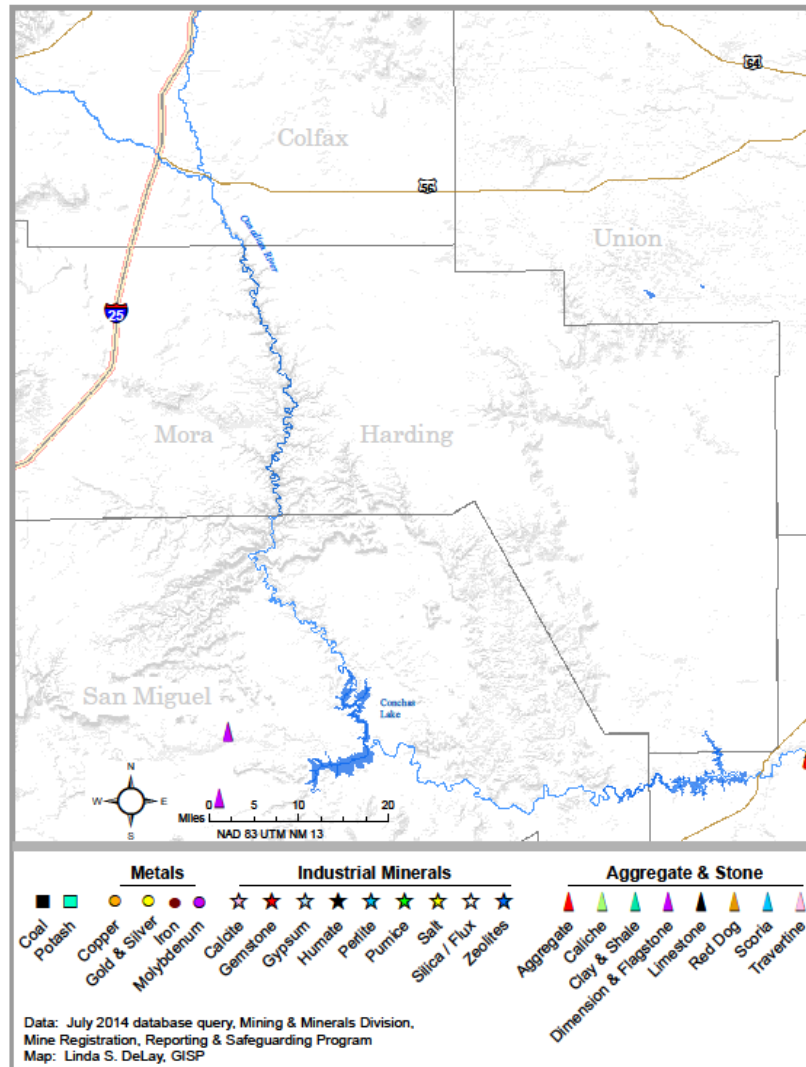
Township: 20N

Range: 32E

Township south of location in question ,
no water data in the northeast quarter

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

Active Mines in Harding County, New Mexico, July 2014



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



FEMA

Search by Address ?

Please enter a valid US address/place.

Enter an address, place, or coordinates:



Welcome to Search by Address

The Search by Address feature of the MSC website enables you to enter an address, a place, or a set of longitude/latitude coordinates to find the effective flood map for that location. After locating the flood map, you can view or download it, as well as view or download any Letters of Map Change (LOMC) issued for that flood map.



To find your flood map, enter an address, a place, or a set of longitude/latitude coordinates. The map will zoom in and show the boundaries of the flood map for the chosen location. When a specific flood map is selected, view and download options for that map will appear.

+

-



Streets



 Selected Flood Map Boundary

 Printed Flood Map Boundary

 Non-printed Flood Map Boundary

 Unmapped Area

Esri, HERE, DeLorme, MapmyIndia, © OpenStreet...

POWERED BY
esri

 Approximate location of BDU 21 32 32 1 G

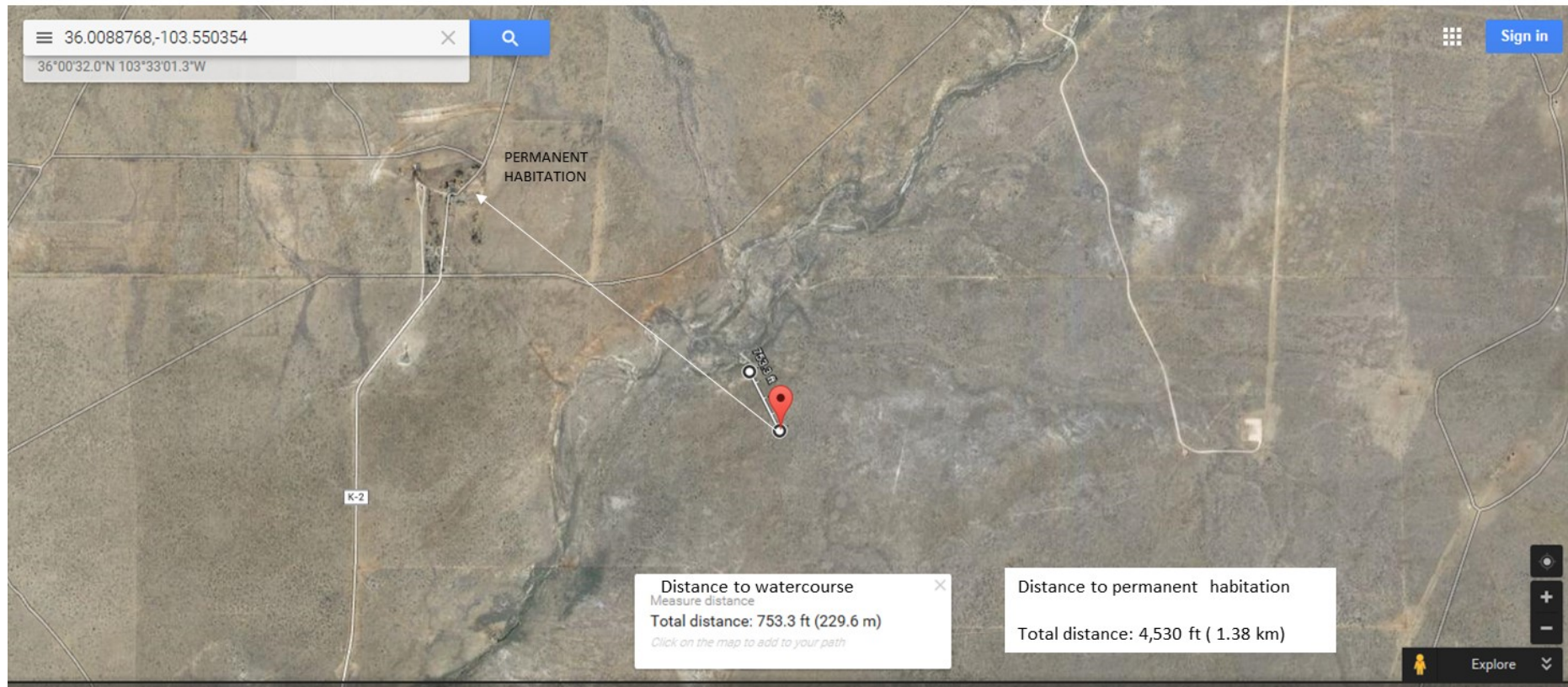
No FEMA data available

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.

LOCATION OF WELLHEAD/TEMPORARY PIT/DEEP TRENCH AND DISTANCE FROM NEAREST WATERCOURSE AND PERMANENT PRIVATE HABITATION.





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

July 20, 2015

Minnie Butte Corporation
44 Tamperos Road
Clayton, NM 88415

CERTIFIED MAIL – 7012 3460 0003 3180 8149

**Re: Bravo Dome Unit 2132-321G – Reserve Pit Closure Notice
Section 32, T21N, R32E**

Dear Mrs. Robertson:

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,

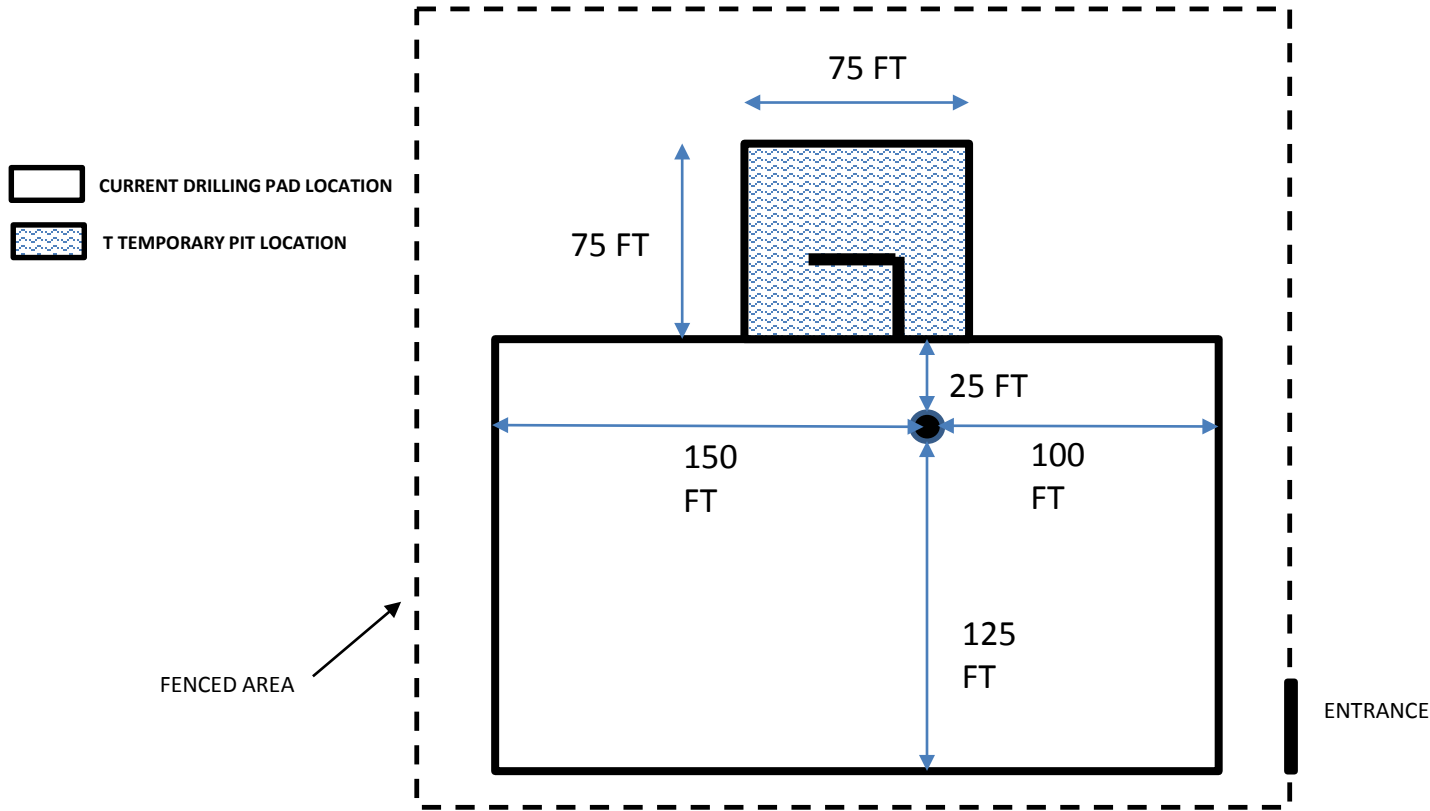
David Woest
Landman Sr.
OXY USA Inc.

PIT DESIGN

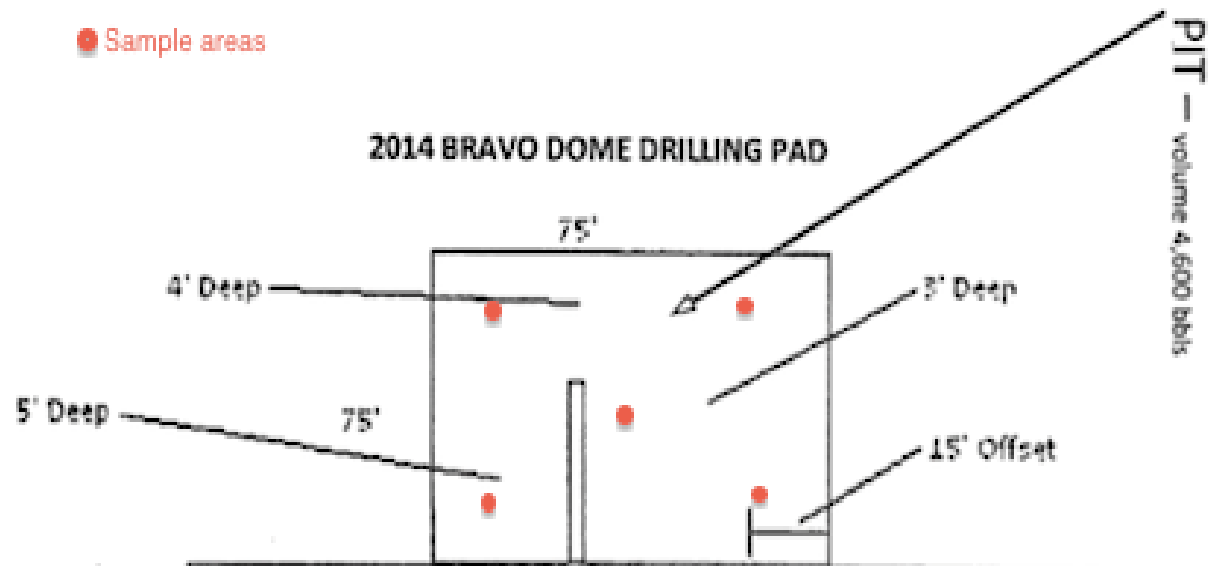
BDCDGU 21 32 32 1 G

API: 30-021-20638

LOCATION: : 36.0088768,-103.550354 NAD83



LOCATION OF TESTING POINTS





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

Received:	04/30/2015
Reported:	05/07/2015
Project Name:	WEST BRAVO DOME
Project Number:	NONE GIVEN
Project Location:	HARDING COUNTY, NM

Sampling Date: 04/28/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jack Hanson

Sample ID: 2132-321G (H501130-03)

BTX06218	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	4D		1.50	55.2	2.00	0.220	
Toluene*	<0.050	0.050	05/05/2015	4D		1.71	55.6	2.00	0.421	
Ethylbenzene*	<0.050	0.050	05/05/2015	4D		1.64	52.0	2.00	2.17	
Total Xylenes*	<0.150	0.150	05/05/2015	4D		5.39	59.8	6.00	2.17	
Total BTX	<0.300	0.300	05/05/2015	4D						

Substrate	4-Bromobenzonitrile (PIC)	107 %	61-13a
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Chloride, SN4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method	Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	43.200	16.0	05/05/2015	4D		436	104	100	7.43	

TPH 419.1 mg/kg

Analyte	Result	Reporting Unit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 419.1	663	µg/g	09/05/2015	ND	5020	100	5000	6.84	

TPH 9015N	mg/kg
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
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81	81
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84	84
85	85
86	86
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88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Analyte	Result	Reporting Limit	Analyzed	Method	Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/04/2015	40	197	98.4	200	0.528		
PRO >C10-C28	13.0	10.0	05/04/2015	40	203	102	200	1.44		

Számjegyzék	1-E Névfelirát	98,0 %	47.2-137
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Suorinpitäjä	J. E. Alkonen, osakekirjuri	96,6 %	32.1-176
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Capital Labours

Accumulated Analysis

[illegible]

Clay D. Koon

Geley D. Keene, Lab Director/Quality Manager

ORIGINAL CLOSURE PLAN

OXY Bravo Dome Pit Closure Plan

In accordance with Rule 19 15 17 12 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

General Plan

1. 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 or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves. Pit solids will be allowed to air dry as completely as possible prior to starting pit closing activities.
2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (8) of 19 15 17 13 are met.
3. 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.
4. Within 6 months of the Rig Off status occurring, Oxy Bravo Dome will ensure that temporary pits are closed, re-contoured.
5. Notice of Closure will be given to the Santa Fe 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.. 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 a licensed disposal facility. Or at the request of the landowner, the deep burial/pit closure method will be used.
7. Pit contents shall be tested prior to mixing of any soils. Test results will be compared to NMOCD limits. If the test results are within the NMOCD limits no soils will be mixed with the pit contents. If the sample results exceed the NMOCD limits the contents will be mixed with non-waste containing earthen material in order to achieve the solidification process. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents. The mixed contents will then be re-tested and the results will be compared to the NMOCD limits.
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.

Composites	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

9. 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.
10. 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.

11. Notification will be sent to NMOCD when the reclaimed area is seeded
12. Bravo Dome shall seed the disturbed areas upon abandonment of the pit and well site. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. Vegetative cover will equal 70% if 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.
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 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 indicated 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

MODIFIED PIT CLOSURE PLAN

APPROVED

PROPOSED MODIFIED PIT CLOSURE

DEEP TRENCH CLOSURE - BURIAL IN PLACE - 19.15.17.13.D

- PROPOSED PLAN:
- Wait until waste material in existing temporary pit has dried enough to be able to work. Any free liquid has been removed.
- Test waste materials in the temporary pit: Done on May 2015, met. 19.15.17.13.D.5
- Sitting Criteria for burial trenches, 19.15.17.10.C, is met. (see depth of water section)
- Location is on private land, letter to land owner was sent on: 7/20/2015
- Excavate deep trench, size: 75' long , 40' wide, 15 ' deep following 19.15.17.11.K requirements.
 - In particular:
 - Proper constructed foundation with side walls consisting of a firm unyielding base, smooth and free of rocks to prevent liner rupture/tear.
 - Install Geotextile under liner.
 - Install geomembrane, consisting of 20 mil string reinforced LLDPE liner.
 - Outer edges of liner are secured for the deposit of the excavated waste material.
- Location of the trench is 25 to 30 feet to the east side of the existing temporary pit. (see enclosed drawing)

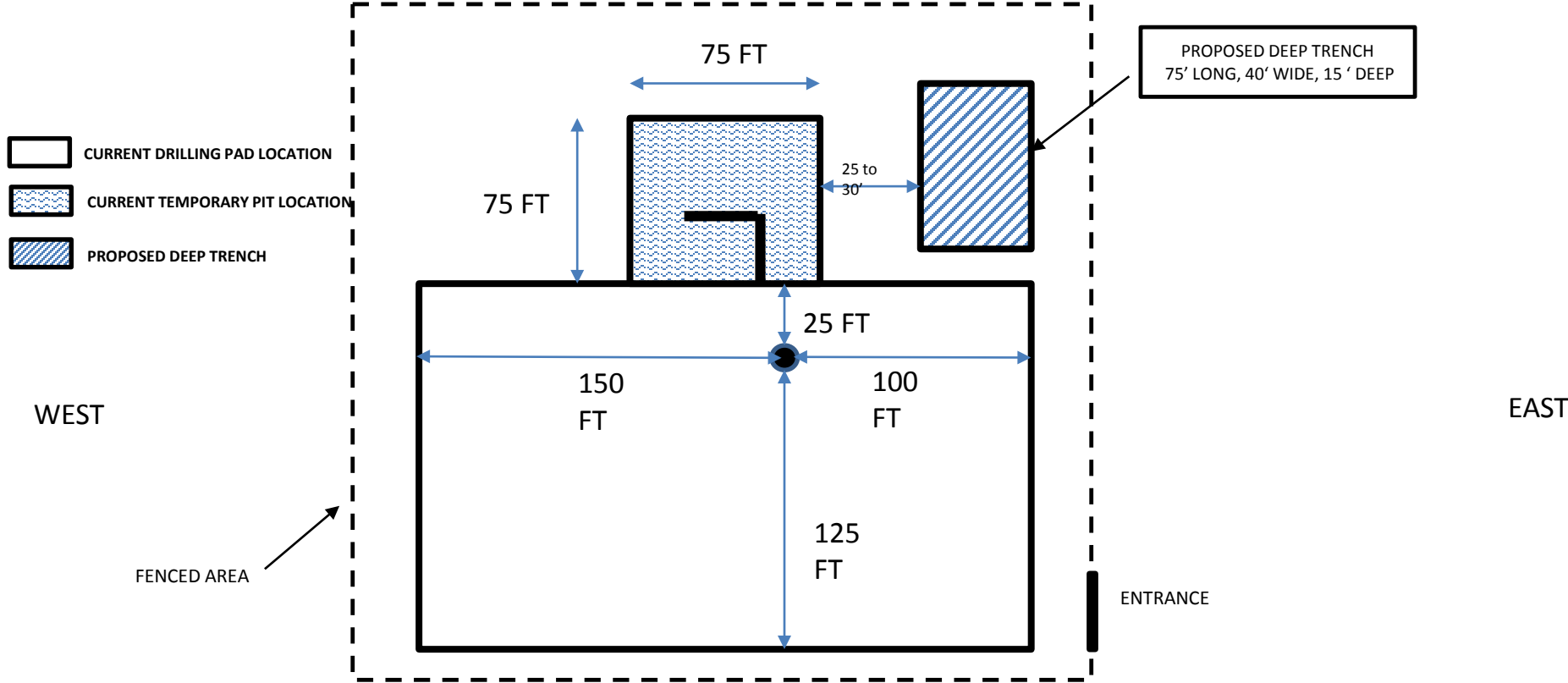
PROPOSED MODIFIED PIT CLOSURE

DEEP TRENCH CLOSURE - BURIAL IN PLACE - 19.15.17.13.D

- PROPOSED PLAN continuation:
- Carefully transfer material and liner from temporary pit into trench.
- Cover surface of filled trench with same liner used to construct trench, cover trench.
 - Size of trench has been calculated to allow for 4' coverage with material meeting 19.15.17.13.H.3
- Contour surface to match existing location existing grade and prevent ponding of water and erosion of the cover material. 19.15.17.13.H.4
- Set marker with required information as per 19.15.17.13.F.3 and report location using form C-105 as per 19.15.17.13.F.2
- Reclaim and set surface vegetation of areas not needed for production operations to their final land use.
- Once waste material and liner have been removed from the existing temporary pit a five point composite sample test will be performed in the excavated area. Based on the results staying within the guideline values set forth in Table II of 19.15.17.13, the temporary pit will be closed as per 19.15.17.13.H.3,4,5.
- A Deed notice will be filed identifying location of onsite burial with Harding County Clerk. 19.15.17.13.E.4.

DEEP TRENCH PROPOSED LOCATION

BDCDGU 21 32 32 1 G
API: 30-021-20638



From: Lowe, Leonard, EMNRD
To: ["Albert_Giussani@oxy.com"](mailto:Albert_Giussani@oxy.com)
Cc: [Jones, William V, EMNRD](#); [Griswold, Jim, EMNRD](#)
Subject: BDU21 32 32 1 G, API # 30-021-20638 Pit modification
Date: Wednesday, September 30, 2015 3:49:00 PM
Importance: High

Mr. Al Giussani,

OCD has reviewed your submittal of deep trench modification at BDU 21 32 32 1 G, API # 30-21-20638.

OCD approves your modification for deep trench burial.

If the sampling beneath the pit liner indicates a leak has occurred then OXY shall adhere to NMAC 19.15.29 Release Notification in reporting and remediating the release.

Notify the OCD when the closure commences. Document the procedures done in closure.

Leonard Lowe

Environmental Engineer

[Environmental Bureau]

Oil Conservation Division

Energy Minerals and Natural Resources Department

1220 South St. Frances

Santa Fe, New Mexico 87004

Office: 505-476-3492

Fax: 505-476-3462

E-mail: leonard.lowe@state.nm.us

Website: <http://www.emnrd.state.nm.us/oed/>

SOIL ANALYSIS BELOW ORIGINAL TEMPORARY PIT LINER

Analytical Results For:

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

Received:	10/01/2015	Sampling Date:	09/30/2015
Reported:	10/06/2015	Sampling Type:	Soil
Project Name:	BRAVO DOME UNIT	Sampling Condition:	Cool & Intact
Project Number:	1185647	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

Sample ID: BDU 2132-321G #1 (H502602-01)

BTEX 80218		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2015	ND	2.15	107	2.00	0.188	
Toluene*	<0.050	0.050	10/06/2015	ND	2.09	104	2.00	0.346	
Ethylbenzene*	<0.050	0.050	10/06/2015	ND	1.81	90.6	2.00	0.130	
Total Xylenes*	<0.150	0.150	10/06/2015	ND	5.91	98.5	6.00	0.119	
Total BTEX	<0.300	0.300	10/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 85.6-137

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	10/02/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/05/2015	ND	189	94.3	200	0.244	
DRO >C10-C28	16.6	10.0	10/05/2015	ND	205	103	200	2.42	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

Analytical Results For:

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

Received:	10/01/2015	Sampling Date:	09/30/2015
Reported:	10/06/2015	Sampling Type:	Soil
Project Name:	BRAVO DOME UNIT	Sampling Condition:	Cool & Intact
Project Number:	1185647	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

Sample ID: BDU 2132-321G #2 (H502602-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2015	ND	2.15	107	2.00	0.188	
Toluene*	<0.050	0.050	10/06/2015	ND	2.09	104	2.00	0.346	
Ethylbenzene*	<0.050	0.050	10/06/2015	ND	1.81	90.6	2.00	0.130	
Total Xylenes*	<0.150	0.150	10/06/2015	ND	5.91	98.5	6.00	0.119	
Total BTEX	<0.300	0.300	10/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reqs Grg Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/05/2015	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Unit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/05/2015	ND	189	94.3	200	0.244	
DRO >C10-C28	<10.0	10.0	10/05/2015	ND	205	103	200	2.42	

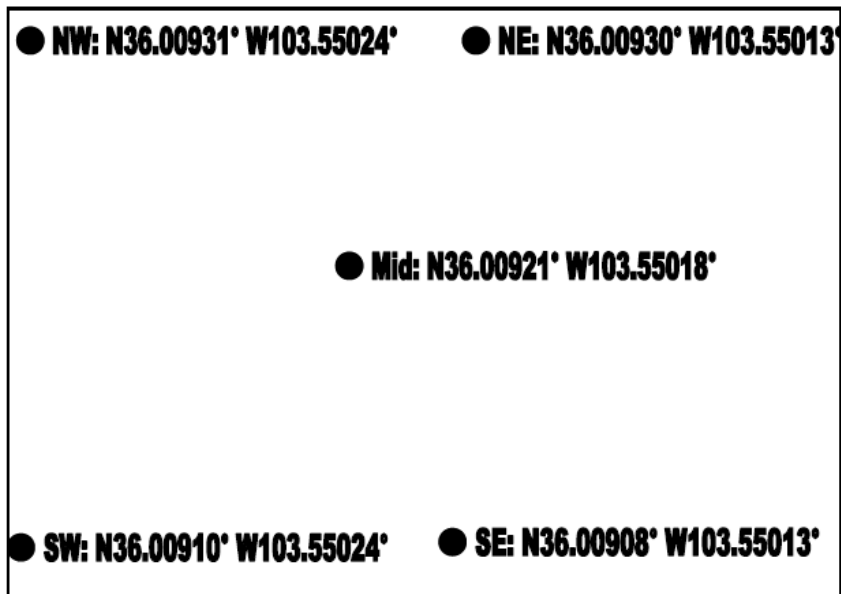
Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorotridecane 102 % 52.1-176

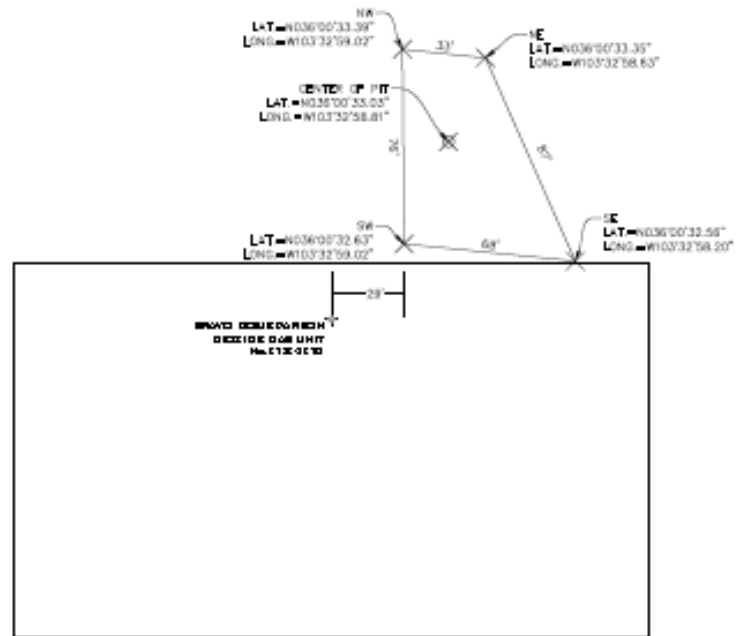
DEEP TRENCH LOCATION & PIT MARKER LOCATION

2132-321G

● Pit Mkr: N36.00921' W103.55042'



DEEP TRENCH LOCATION



SCALE= 1:50

LAKE SURVEYING, LLC.
12000 W. HURRAY RD. E.
OCEOLA, TX 76750-8628
P.O. Box 100000
[COPYRIGHT 2010] [BY] [LAKE SURVEYING, LLC.]

DEED NOTICE

STATE OF NEW MEXICO §
 §
COUNTY OF HARDING §

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 32, Township 21 North, Range 32 East.

In accordance with NMOCD rule 19.15.17.13, a temporary drilling pit closure site related to the OXY USA Inc. Bravo Dome Unit well 2132-321G, API 30-021-20638 is marked on the Property with a steel pole having the GPS coordinates of 36.009255N, 103.549832W.

EXECUTED on this 30th day of November, 2015

OXY USA Inc.

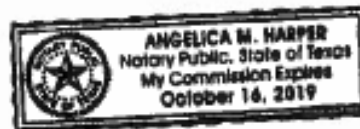
By: [Signature]

Name: David J. Woest

Title: Attorney-in-fact

The foregoing instrument was acknowledged before me on this the 30th day of November, 2015, by David J. Woest, Attorney-in-fact of OXY USA INC., a Delaware corporation, on behalf of said corporation.

Angelica M Harper



HARDING COUNTY, NM
DOCUMENT# 20150184
12/7/15 02:14:41 PM
1 of 1
BY CJ Garrison

BDU 21 32 32 1 G

MAJOR WORK SUMMARY

- June 22, 2015 – Mixed dry dirt into pit
- July 14, 2015 – Checked on pit
- July 15, 2015 – Mixed dry dirt into pit
- July 22, 2015 – Stirred pit
- September 29, 2015 - Received verbal from NMOCD for Amended Closure.
- September 29, 2015 – Dug trench for deep bury
- September 30, 2015 – Lined trench and moved mud into trench
- October 07, 2015 - Sent in to NMOCD results of Soil testing underneath original liner temporary pit.
- October 19, 2015 - Finished dressing off location, Work Completed



Client: Looney Soils Tract: _____ Farm No.: _____
 Planner: _____ Field(s) No.: _____
 and Use: _____ Total Acres: 100
 MLRA: H₂-1 Date: _____ Planting Date: _____ Jan 1 to Aug _____

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

Purposes (check all that apply)

- | | | |
|--|---|--|
| ☐ Restore a plant community | ☐ Forage for livestock | ☐ Forage, browse, cover for wild life |
| ☐ Reduce erosion by wind, water | ☐ Increase water quality, quantity | ☐ Increase carbon sequestration |

Plant Materials Information *all sales are based on 20 plants @ \$1.50*

Note: Seed Rate (lb/acre) = (20 plants/m² needed) (3500 seeds per lb) [(% of mb) / (% germ) / (% purity)]

Species/Cultivar	% of Mix	Seeding Rate (%/lb)(oz/lb)	Ave. Purity	Seed Tag Purity	Ave. Germ.	Seed Tag Germ.	Total Mix per acre
	(%)	(%)	(%)	(%)	(%)	(%)	(#/acre)
Grass, Blue (Hatch)A	20%	0.30	100%		100%		
Grass, Sideseeds	30%	1.37	100%		100%		
Clover, Sweet	4%	0.53	100%		100%		
Wheatgrass, Western (Bartan)	40%	3.57	100%		100%		
EOT(A)	100%	If seed tag % not filled in than value is PLR; if otherwise is BULK					4.97

Plant Material Summary

Species/Cultivar (Name)	Seed to Buy (lb)	Cover Crop or Dead Litter Crop (If used)		
		(Name)	Rate (lb/ac)	Amount to Buy (lb)
Grass, Blue (Hatch)	20.20	Straw	4,000	400,000
Grass, Sideoats	138.84			
Clover, Sweet	13.30			
Wheatsgrass, Western (Karton)	358.80			
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 clover.

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 Methods

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) (lb/acre) on date(s) listed above.

Additional Notes:

Maintenance

- f. 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 (May-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 reefline is designed and planned according to NBCC NIM Standards and Specifications.

Conservationist: _____ Date: 14 / 11 / 2019

George Tiller 9-15-15





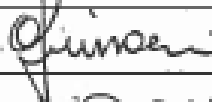
BDU 21 32 32 1 G

API: 30-021-20638

21.

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:  Date: 11/20/2015
e-mail address: albert_giussani@oxy.com Telephone: 806 638 1296

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
Revised August 1, 2011

1. WELL API NO.

30-021-20638

2. Type of Lease

☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☐ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)

☒ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

OXY USA Inc.

9. OGRID

16696

P.O. BOX 4294, HOUSTON, TEXAS 77210-4294

11. Pool name or Wildcat

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released 8/11/2014	16. Date Completed (Ready to Produce) 10/14/2014	17. Elevations (DF and RKB, RT, GR, etc.)
18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run	

22. Producing Interval(s), of this completion - Top, Bottom, Name

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
DEEP TRENCH USED ON SITE

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

latitude 36 00' 33.03"

Longitude -103 32' 58.81"

NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature



Printed

Name AL GIUSSANI Title ENGINEERING ADVISOR Date 12/03/2015

E-mail Address albert_giussani@oxy.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzie
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

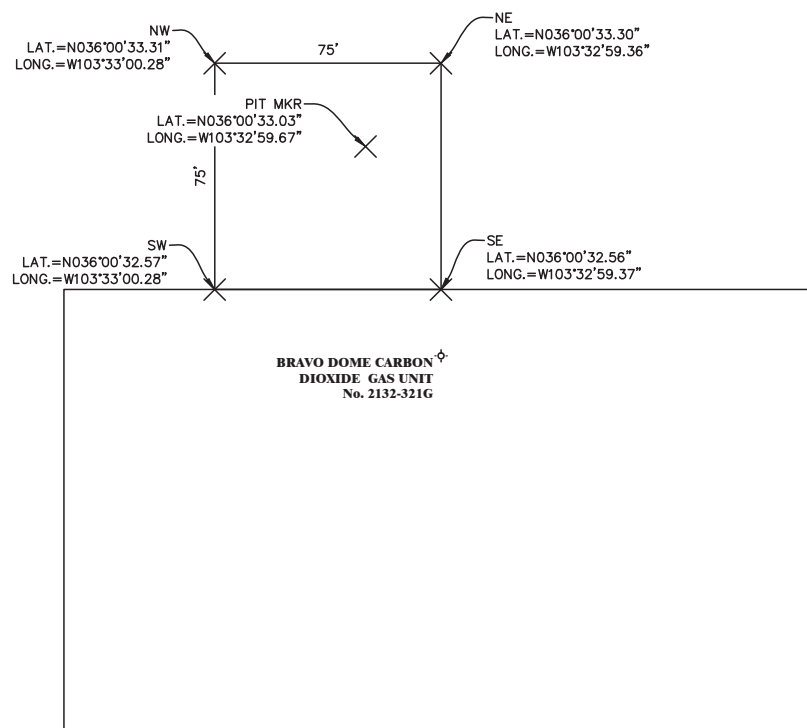
No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

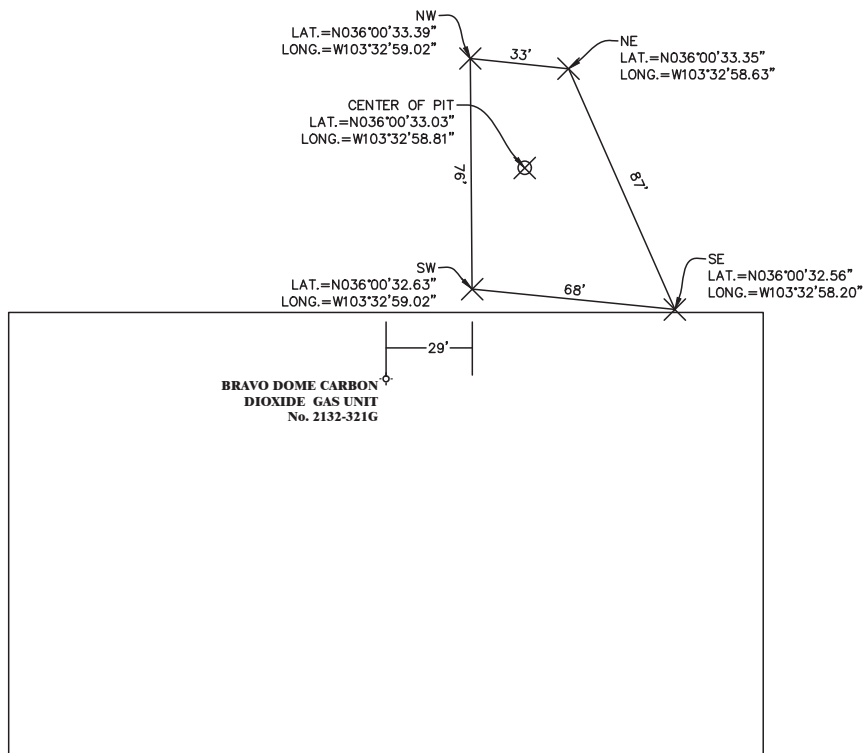


SCALE = 1:50

STARK SURVEYING, LLC.

12800 W. HIGHWAY 80 E.
ODESSA, TX 79765-9639
FIRM No. 10102700

© COPYRIGHT 2015 STARK SURVEYING LLC.



SCALE = 1:50

STARK SURVEYING, LLC.

12800 W. HIGHWAY 80 E.
ODESSA, TX 79765-9639
FIRM No. 10102700

© COPYRIGHT 2015 STARK SURVEYING LLC.

From: Albert_Giussani@oxy.com
To: [Lowe, Leonard, EMNRD](#); [Jones, William V, EMNRD](#)
Subject: Closure report for BDU 21 32 32 1 G
Date: Monday, December 14, 2015 12:44:40 PM
Attachments: [Pit Closure -21 32 32 1 G APG.pptx](#)
[BDU 21 32 32 1 G API 30-021-20638 C-105.pdf](#)
[Bravodome send-No. 2132-321G calc MKR.PDF](#)
[Bravodome send-No. 2132-321G DISTS.PDF](#)

Gentlemen,

Please find the enclosed Closure Report and C-105 for the fourth BDU well. This is the well that required an amendment to the closure plan both the original plan and the amended are included in the enclosed report.

If you have any questions or need any additional information please let me know.

Respectfully,

Alberto (Al) Giussani
Senior Engineering Advisor, Reservoir
OXY USA Inc.

Phone: Cellular: 806 638 1296