

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter and abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM90588

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **OXY USA** Contact: ROWDY RUDD
POGO PRODUCING COMPANY E-Mail: ROWDY_RUDD@OXY.COM

3a. Address MIDLAND, TX 79702-7340

3b. Phone No. (include area code)
Ph: 713-215-7104

8. Well Name and No.
LIVINGSTON RIDGE 18 03

API Well No.
30-025-32324-00-S1

10. Field and Pool or Exploratory Area
E LIVINGSTON RIDGE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T22S R32E NWNW 480FNL 330FWL

11. County or Parish, State
LEA COUNTY, NM

JAN 16 2019

RECEIVED

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Right of Way
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

OXY would like to conduct geo-technical boring operations in Section 18 of Township 22S, Range 32E. This operation will allow OXY to test the soil compaction for placement and construction design of a recycled-water pond. This operation will consist of:
 ? 15-boreholes at the locations shown on the plat and stated in the table below
 ? Over roughly an 800? x 1580? area (≈ 29 acres)
 ? Using a rubber-tired truck-mounted air rotary unit (as shown in picture below)
 ? The boreholes will be 4-inch diameter holes
 ? The boreholes will be up to 75-foot in depth
 ? The boreholes will be backfilled with the cuttings and no holes will remain open overnight
 ? There will be NO blading of terrain or mulching of brush. The only surface

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #447421 verified by the BLM Well Information System
For POGO PRODUCING COMPANY, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/12/2018 (19PP0590SE)**

Name (Printed/Typed) ROWDY RUDD Title SURFACE LANDMAN

Signature (Electronic Submission) Date 12/12/2018



THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By *[Signature]* Title **SAPT** Date **12-12-18**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **CEO**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional data for EC transaction #447421 that would not fit on the form

32. Additional remarks, continued

disturbance will be from the truck shown and the backfilled boreholes
? There will be an Arch Monitor on site throughout the operations

Borehole (as listed on plat)	Feet from NL ?18	Feet From WL of ?18 of
Center point of Pond	2114?	523?
Borehole Point # 500	1328?	140?
Borehole Point # 501	1332?	525?
Borehole Point # 502	1335?	912?
Borehole Point # 503	1716?	135?
Borehole Point # 504	1715?	520?
Borehole Point # 505	1720?	913?
Borehole Point # 506	2111?	135?
Borehole Point # 507	2114?	523?
Borehole Point # 508	2122?	915?
Borehole Point # 509	2509?	129?
Borehole Point # 510	2513?	515?
Borehole Point # 511	2515?	909?
Borehole Point # 512	2902?	130?
Borehole Point # 513	2896?	517?
Borehole Point # 514	2910?	911?

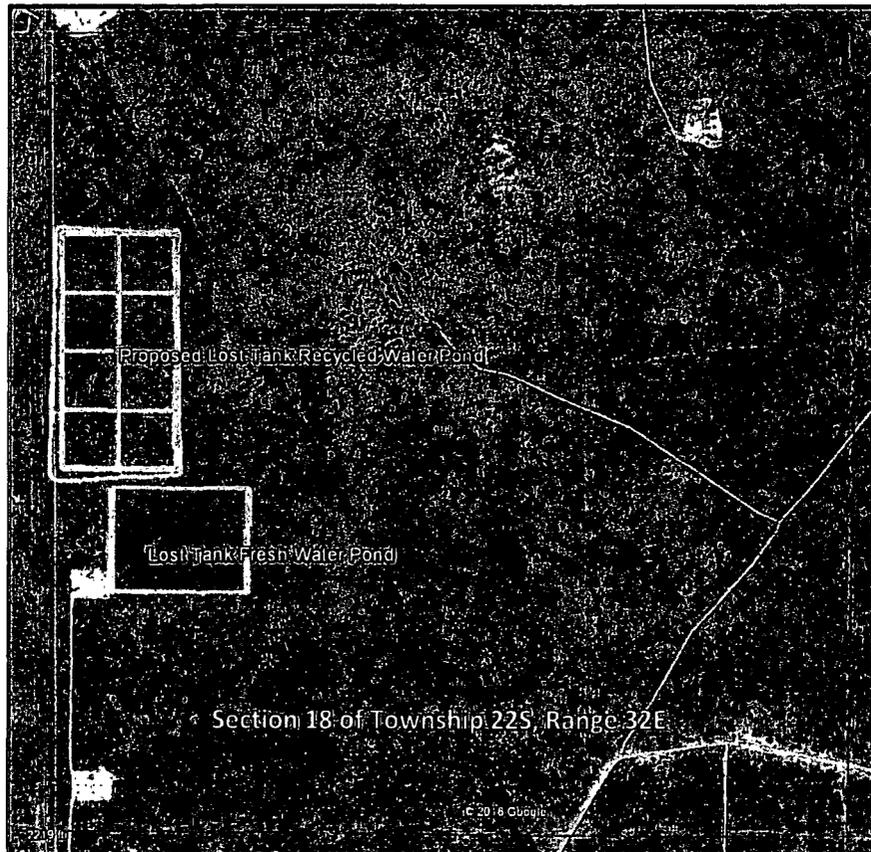
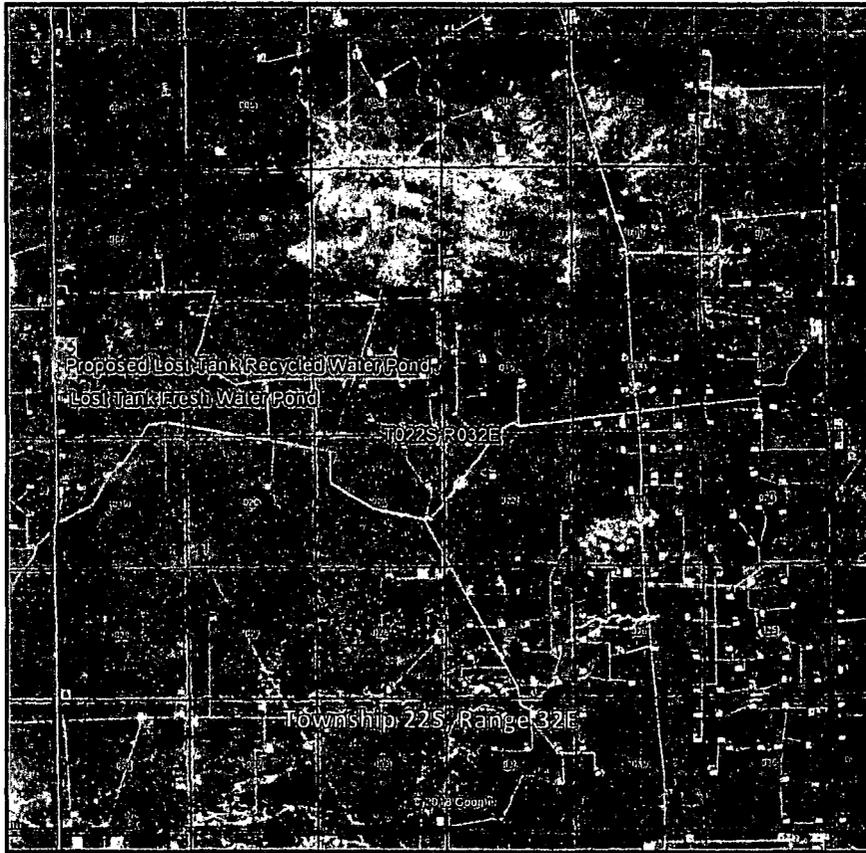
Lost Tank Recycled-Water Pond

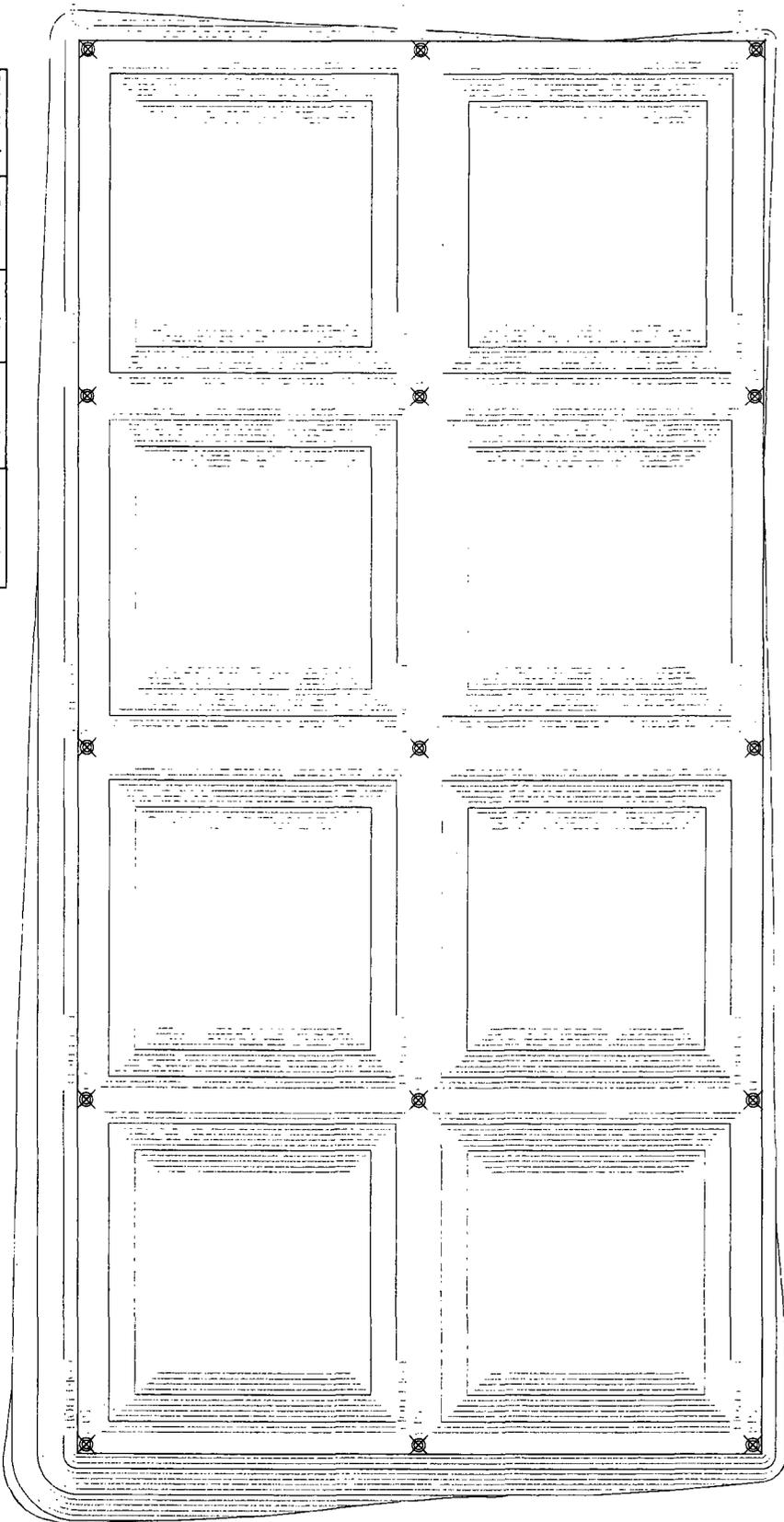
OXY would like to conduct geo-technical boring operations in **Section 18 of Township 22S, Range 32E**. This operation will allow OXY to test the soil compaction for placement and construction design of a recycled-water pond. This operation will consist of:

- 15-boreholes at the locations shown on the plat and stated in the table below
- Over roughly an 800' x 1580' area (≈ 29 acres)
- Using a rubber-tired truck-mounted air rotary unit (as shown in picture below)
- The boreholes will be 4-inch diameter holes
- The boreholes will be up to 75-foot in depth
- The boreholes will be backfilled with the cuttings and no holes will remain open overnight
- There will be NO blading of terrain or mulching of brush. The only surface disturbance will be from the truck shown and the backfilled boreholes
- There will be an Arch Monitor on site throughout the operations

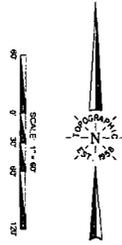
Borehole (as listed on plat)	Feet from North Line of §18 of T22S-R32E	Feet From West Line of §18 of T22S-R32E
Center point of Pond	2114'	523'
Borehole Point # 500	1328'	140'
Borehole Point # 501	1332'	525'
Borehole Point # 502	1335'	912'
Borehole Point # 503	1716'	135'
Borehole Point # 504	1715'	520'
Borehole Point # 505	1720'	913'
Borehole Point # 506	2111'	135'
Borehole Point # 507	2114'	523'
Borehole Point # 508	2122'	915'
Borehole Point # 509	2509'	129'
Borehole Point # 510	2513'	515'
Borehole Point # 511	2515'	909'
Borehole Point # 512	2902'	130'
Borehole Point # 513	2896'	517'
Borehole Point # 514	2910'	911'







Point Number	Easting	Northing	Latitude	Longitude
500	729869.7138	508003.1378	N32° 23' 42.32"	W103° 43' 21.05"
501	730255.7401	508003.1378	N32° 23' 42.30"	W103° 43' 16.54"
502	730641.7663	508003.1378	N32° 23' 42.28"	W103° 43' 12.04"
503	729869.7138	507617.1378	N32° 23' 38.50"	W103° 43' 21.07"
504	730255.7401	507617.1378	N32° 23' 38.48"	W103° 43' 16.57"
505	730641.7663	507221.1378	N32° 23' 34.58"	W103° 43' 12.07"
506	729869.7138	507221.1378	N32° 23' 34.56"	W103° 43' 21.10"
507	730255.7401	507221.1378	N32° 23' 34.54"	W103° 43' 16.60"
508	730641.7663	506825.1378	N32° 23' 30.64"	W103° 43' 12.09"
509	729869.7138	506825.1378	N32° 23' 30.62"	W103° 43' 21.12"
510	730255.7401	506825.1378	N32° 23' 30.60"	W103° 43' 16.62"
511	730641.7663	506439.1378	N32° 23' 26.84"	W103° 43' 12.12"
512	729869.7138	506439.1378	N32° 23' 26.82"	W103° 43' 21.15"
513	730255.7401	506439.1378	N32° 23' 26.80"	W103° 43' 16.65"
514	730641.7663	506053.1378	N32° 23' 26.80"	W103° 43' 12.15"



NO.	DATE	REVISION DESCRIPTION

DATE: 04/20/18

REMARKS: THIS DOCUMENT HAS BEEN RECORDED FOR ANY PURPOSE AND SHALL BE RELEASED UPON WRITTEN REQUEST TO THE ORIGINAL SURVEYOR.

SHEET NO. 1

OXY U.S.A. INC.
HOUSTON, TEXAS
SOIL BORE LOCATION

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 148 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX: (817) 744-7548
WWW.TOPOGRAPHIC.COM



Bureau of Land Management, Carlsbad Field Office
620 E. Greene Street Carlsbad, NM 88220

Cultural and Archaeological Resources

IT4RM NEPA Log
2019-0224-CX

NOTICE OF STIPULATIONS

Historic properties in the vicinity of this project are protected by federal law. In order to ensure that they are not damaged or destroyed by construction activities, the project proponent and construction supervisors shall ensure that the following stipulations are implemented.

Project Name:	Lost Tank Geo Boring
	1). A 3-day preconstruction call-in notification. Contact BLM Inspection and Enforcement at
Required	2. Professional archaeological monitoring. Contact your BLM project archaeologist at (575) 234-6231 for assistance.
A. <input checked="" type="checkbox"/>	These stipulations must be given to your monitor at least 5 days prior to the start of construction.
B. <input checked="" type="checkbox"/>	No construction, including vegetation removal or other site prep may begin prior to the arrival of the monitor.
	3. Cultural site barrier fencing. (Your monitor will assist you).
A. <input type="checkbox"/>	A temporary site protection barrier(s) shall be erected prior to all ground-disturbing activities. The minimum barrier(s) shall consist of upright wooden survey lath spaced no more than ten (10) feet apart and marked with blue ribbon flagging or blue paint. There shall be no construction activities or vehicular traffic past the barrier(s) at any time.
B. <input type="checkbox"/>	A permanent, 4-strand barbed wire fence strung on standard "T-posts" shall be erected prior to all ground-disturbing activities. No construction activities or vehicle traffic are allowed past the fence.
Required	4. The archaeological monitor shall:
A. <input type="checkbox"/>	
B. <input checked="" type="checkbox"/>	Observe all ground-disturbing activities.
C. <input type="checkbox"/>	Ensure that the proposed
D. <input type="checkbox"/>	Ensure the proposed reroute for the .
E. <input checked="" type="checkbox"/>	Submit a brief monitoring report within 30 days of completion of monitoring.
	If any skeletal remains that might be human or funerary objects, or other significant subsurface cultural resources are encountered during the monitoring, all activities shall cease and a BLM-CFO archaeologist shall be notified immediately.
Other:	IF THE CONTRACT ARCHAEOLOGIST DOES NOT KNOW WHERE THE SITE(S) ARE LOCATED AT PLEASE COME BY THE CARLSBAD BLM AND MAPS AND OTHER DATA WILL BE PROVIDED UPON REQUEST TO THE CONTRACT ARCHAEOLOGIST

Site Protection and Employee Education: It is the responsibility of the project proponent and his construction supervisor to inform all employees and subcontractors that cultural and archaeological sites are to be avoided by all personnel, vehicles, and equipment; and that it is illegal to collect, damage, or disturb cultural resources on Public Lands.

For assistance contact: Bruce Boeke (575) 234-5917

Elia Perez (575) 234-6231
Aaron Whaley (575) 234-5986
Garrett Leitermann (575) 234-2239