

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 267092

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address OXY USA INC P.O. Box 4294 Houston, TX 77210-4294		2. OGRID Number 16696
		3. API Number 30-025-45924
4. Property Code 325625	5. Property Name AVOGATO 30 31 STATE COM	6. Well No. 021H

7. Surface Location

UL - Lot C	Section 30	Township 22S	Range 33E	Lot Idn C	Feet From 420	N/S Line N	Feet From 1350	E/W Line W	County Lea
---------------	---------------	-----------------	--------------	--------------	------------------	---------------	-------------------	---------------	---------------

8. Proposed Bottom Hole Location

UL - Lot M	Section 31	Township 22S	Range 33E	Lot Idn 4	Feet From 20	N/S Line S	Feet From 500	E/W Line W	County Lea
---------------	---------------	-----------------	--------------	--------------	-----------------	---------------	------------------	---------------	---------------

9. Pool Information

RED TANK;BONE SPRING, EAST	51687
----------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3707
16. Multiple N	17. Proposed Depth 21509	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 8/28/2019
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1048	1106	0
Int1	12.25	9.625	36	5875	1551	0
Prod	8.5	5.5	20	21509	2787	0

Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-1048' Water-Based, 1048'-5875' Saturated Brine or Oil-Based Mud, 5875'-21509' Oil-Based Mud. BOP Program: 13-5/8 10M three ram stack with 5M annular preventer, 10M choke manifold. Additional information will be sent along with the H2S and Gas Capture Plan.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Blind	5000	5000	
Double Ram	5000	5000	

<p>23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.</p> <p>Signature:</p> <p>Printed Name: Electronically filed by KELLEY MONTGOMERY</p> <p>Title: Manager Regulatory</p> <p>Email Address: kelley_montgomery@oxy.com</p> <p>Date: 5/8/2019 Phone: 713-366-5716</p>	<p>OIL CONSERVATION DIVISION</p> <p>Approved By: Paul F Kautz</p> <p>Title: Geologist</p> <p>Approved Date: 5/10/2019 Expiration Date: 5/10/2021</p> <p>Conditions of Approval Attached</p>
---	---

DISTRICT I
1200 N. 25TH ST. SUITE 200, ALBUQUERQUE, NM 87106
Phone: (505) 824-2511 Fax: (505) 824-2511

DISTRICT II
511 E. FIRST ST., ALBUQUERQUE, NM 87102
Phone: (505) 742-1322 Fax: (505) 742-5722

DISTRICT III
1000 N. 25TH ST. SUITE 200, ALBUQUERQUE, NM 87106
Phone: (505) 824-2511 Fax: (505) 824-2511

DISTRICT IV
1000 N. 25TH ST. SUITE 200, ALBUQUERQUE, NM 87106
Phone: (505) 824-2511 Fax: (505) 824-2511

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-106
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 51883	Pool Name RED TANK; BONE SPRING
Property Code	Property Name AVOGATO 30_31 STATE COM	Well Number 21H
DEED No. 18898	Operator Name OXY USA	Elevation 3707.2'

Surface Location


TL or lot No.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
C	30	22-S	33-E		420	NORTH	1350	WEST	LEA

Bottom Hole Location If Different From Surface

TL or lot No.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
4	31	22-S	33-E		20	SOUTH	500	WEST	LEA

Dedicated Acres	Acres or Infill	Consolidation Code	Order No.
8.13.28			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>100' 30' FM. & 300' FM. Y=489059.7 N X=782135.8 E LAT.=32.369657° N LONG.=103.818175° W</p> <p>100' 100' FM. & 500' FM. Y=489059.7 N X=782135.1 E LAT.=32.369819° N LONG.=103.818175° W</p> <p>* ALL COORDINATES ARE NAD 83 VALUES</p> <p>100' 100' FM. & 800' FM. Y=488950.7 N X=782210.8 E LAT.=32.341345° N LONG.=103.818158° W</p> <p>GRD AZ. = 178°35'18" HORZ. DIST. = 10488.2'</p> <p>GRD AZ. = 283°12'04" HORZ. DIST. = 827.7'</p> <p>LOT 1 35.55 Ac LOT 2 36.67 Ac LOT 3 36.08 Ac LOT 4 35.67 Ac LOT 1 35.71 Ac LOT 2 35.88 Ac LOT 3 35.53 Ac LOT 4 35.60 Ac</p> <p>HORIZONTAL SPACING UNIT</p> <p>SECTION 20 SECTION 21</p>	<p>SURFACE LOCATION Y=489059.7 N X=782135.8 E LAT.=32.369657° N LONG.=103.818175° W</p> <table border="1"> <thead> <tr> <th>POINT</th> <th>Easting</th> <th>Northing</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Y=489059.7 N</td> <td>X=782135.8 E</td> </tr> <tr> <td>2</td> <td>Y=489059.7 N</td> <td>X=782135.8 E</td> </tr> <tr> <td>3</td> <td>Y=489059.7 N</td> <td>X=782135.8 E</td> </tr> <tr> <td>4</td> <td>Y=489059.7 N</td> <td>X=782135.8 E</td> </tr> <tr> <td>5</td> <td>Y=489059.7 N</td> <td>X=782135.8 E</td> </tr> <tr> <td>6</td> <td>Y=489059.7 N</td> <td>X=782135.8 E</td> </tr> <tr> <td>7</td> <td>Y=489059.7 N</td> <td>X=782135.8 E</td> </tr> </tbody> </table> <p>PROPOSED BOTTOM HOLE LOCATION Y=488950.7 N X=782210.8 E LAT.=32.341345° N LONG.=103.818158° W</p>	POINT	Easting	Northing	1	Y=489059.7 N	X=782135.8 E	2	Y=489059.7 N	X=782135.8 E	3	Y=489059.7 N	X=782135.8 E	4	Y=489059.7 N	X=782135.8 E	5	Y=489059.7 N	X=782135.8 E	6	Y=489059.7 N	X=782135.8 E	7	Y=489059.7 N	X=782135.8 E	<p>OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this representation shall serve as a binding contract or enforceable interest in the land containing the proposed bottom hole location or has a right to drill this well at this location based on a contract with an owner of such mineral or working interest, or is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Leslie Reeves</i> Date: 05/08/19 Printed Name: LESLIE REEVES E-mail Address: LESLIE_REEVES@OXY.COM</p> <p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was verified from first order of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MARCH 12, 2019 Date of Survey</p> <p>Signature & Seal of Professional Surveyor  Chad L. Hargrove 4/4/19 Certificate No. CHAD HARGROVE 17777 W.O. # 19-474 DRAWN BY: AH </p>
POINT	Easting	Northing																								
1	Y=489059.7 N	X=782135.8 E																								
2	Y=489059.7 N	X=782135.8 E																								
3	Y=489059.7 N	X=782135.8 E																								
4	Y=489059.7 N	X=782135.8 E																								
5	Y=489059.7 N	X=782135.8 E																								
6	Y=489059.7 N	X=782135.8 E																								
7	Y=489059.7 N	X=782135.8 E																								

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form APD Comments

Permit 267092

PERMIT COMMENTS

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294		API Number: 30-025-45924
		Well: AVOGATO 30 31 STATE COM #021H

Created By	Comment	Comment Date
lesliereeves	First Take Point/Top Perforated Interval: 100' FNL 500' FWL NWNW 30-T22S-R33E LEA - Lat. 32.369819 Long. -103.618175 (NAD83). Last Take Point/Bottom Perforated Interval: 100' FSL 500' FWL SWSW 31-T22S-R33E LEA - Lat. 32.341345 Long. -103.618158 (NAD83). A closed loop system will be utilized consisting of above ground steel tanks and haul-off bins. Disposal of liquids, drilling fluids and cutting will be disposed of at an approved facility.	5/8/2019
lesliereeves	OXY requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that OXY would not be able to pre-set surface, the Primary Rig will drill surface to TD.	5/8/2019

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Conditions

Permit 267092

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294	API Number: 30-025-45924
	Well: AVOGATO 30 31 STATE COM #021H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool at 5753703186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.