

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 267058

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
4. Property Code 325625		3. API Number 30-025-45929
5. Property Name AVOGATO 30 31 STATE COM		6. Well No. 031H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	30	22S	33E	C	240	N	1350	W	Lea

8. Proposed Bottom Hole Location

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

9. Pool Information

RED TANK;BONE SPRING, EAST	51687
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3702
16. Multiple N	17. Proposed Depth 22789	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 7/27/2019
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	1043	1101	0
Int1	12.25	7.625	26.4	5871	565	0
Int1	9.875	7.625	26.4	11448	1872	0
Prod	6.75	5.5	20	22788	868	0

Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-1043' Water-Based Mud, 1043'-11448' Saturated Brine or Oil-Based Mud, 11448'-TD Water-Based or Oil-Based Mud. BOP Program: 13-5/8" 10M three ram stack with a 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	

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. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by KELLEY MONTGOMERY	Approved By: Paul F Kautz
Title: Manager Regulatory	Title: Geologist
Email Address: kelley_montgomery@oxy.com	Approved Date: 5/10/2019 Expiration Date: 5/10/2021
Date: 5/8/2019 Phone: 713-366-5716	Conditions of Approval Attached

DISTRICT I
1600 N. 2ND ST. SUITE 100 ALBUQUERQUE, NM 87102
Phone (505) 744-3000 Fax (505) 744-3001

DISTRICT II
511 E. 1ST ST. ALBUQUERQUE, NM 87102
Phone (505) 744-3000 Fax (505) 744-3001

DISTRICT III
1600 N. 2ND ST. SUITE 100 ALBUQUERQUE, NM 87102
Phone (505) 744-3000 Fax (505) 744-3001

DISTRICT IV
1600 N. 2ND ST. SUITE 100 ALBUQUERQUE, NM 87102
Phone (505) 744-3000 Fax (505) 744-3001

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name AVOGATO 30_31 STATE COM	Well Number 31H
Owner No. 16898	Operator Name OXY USA	Elevation 3702.6'

Surface Location

UL or Lot No.	Section	Township	Range	Lot Mn	Feet from the	North/South Line	Feet from the	East/West Line	County
C	30	22-S	33-E		240	NORTH	1350	WEST	LEA

Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Mn	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	Total or Infill	Consolidation Code	Order No.
613.28			

**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>MAP 50' F.M. & 500' F.M. T=488433.7 N X=762130.8 E LAT.=32.388967° N LONG.=103.618175° W</p> <p>ETP 100' F.M. & 500' F.M. Y=488433.7 N X=762130.8 E LAT.=32.388967° N LONG.=103.618175° W</p> <p>* ALL COORDINATES ARE NAD 83 VALUES</p> <p>GRID AZ - 282°17'24" HORIZ. DIST. - 671.3'</p> <p>LOT 1 36.88 Ac LOT 2 36.87 Ac LOT 3 36.88 Ac LOT 4 36.87 Ac LOT 1 36.71 Ac LOT 2 36.88 Ac LOT 3 36.83 Ac LOT 4 36.80 Ac</p> <p>GRID AZ - 179°35'18" HORIZ. DIST. - 10489.2'</p> <p>LOT 1 36.88 Ac LOT 2 36.88 Ac LOT 3 36.83 Ac LOT 4 36.80 Ac</p> <p>500' F.M. & 500' F.M. Y=488433.7 N X=762130.8 E LAT.=32.388967° N LONG.=103.618175° W</p>	<p>SURFACE LOCATION Y=488433.7 N X=762130.8 E LAT.=32.388967° N LONG.=103.618175° W</p> <table border="1"> <thead> <tr> <th>POINT</th> <th>COORDINATES</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Y=488433.7 N X=762130.8 E</td> </tr> <tr> <td>2</td> <td>Y=488433.7 N X=762130.8 E</td> </tr> <tr> <td>3</td> <td>Y=488433.7 N X=762130.8 E</td> </tr> <tr> <td>4</td> <td>Y=488433.7 N X=762130.8 E</td> </tr> <tr> <td>5</td> <td>Y=488433.7 N X=762130.8 E</td> </tr> <tr> <td>6</td> <td>Y=488433.7 N X=762130.8 E</td> </tr> <tr> <td>7</td> <td>Y=488433.7 N X=762130.8 E</td> </tr> </tbody> </table> <p>PROPOSED BOTTOM HOLE LOCATION Y=488433.7 N X=762130.8 E LAT.=32.388967° N LONG.=103.618175° W</p>	POINT	COORDINATES	1	Y=488433.7 N X=762130.8 E	2	Y=488433.7 N X=762130.8 E	3	Y=488433.7 N X=762130.8 E	4	Y=488433.7 N X=762130.8 E	5	Y=488433.7 N X=762130.8 E	6	Y=488433.7 N X=762130.8 E	7	Y=488433.7 N X=762130.8 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 organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Leslie Reeves</i> Date: 05/03/19</p> <p>Printed Name: LESUE REEVES</p> <p>E-mail Address: LESUE_REEVES@OXY.COM</p> <p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys 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</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p>CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR</p> <p>4/3/19</p> <p>Certification No. CHAD HARCROW 17777</p> <p>W.O. # 19-479 DRAWN BY: AM</p>
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Form APD Comments

 Permit 267058

PERMIT COMMENTS

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294		API Number: 30-025-45929
		Well: AVOGATO 30 31 STATE COM #031H
Created By	Comment	Comment Date
iesliereeves	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

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Form APD Conditions
 Permit 267058

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294		API Number: 30-025-45929
		Well: AVOGATO 30 31 STATE COM #031H
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.	