

**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 267241

**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 30-025-45960
5. Property Name AVOGATO 30 31 STATE COM		6. Well No. 024H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	30	22S	33E	B	420	N	1820	E	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	31	22S	33E	O	20	S	2080	E	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 3686
16. Multiple N	17. Proposed Depth 21729	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 10/9/2019
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	5899	1558	0
Prod	8.5	5.5	20	21728	2811	0

**Casing/Cement Program: Additional Comments**

Proposed Mud Program: 0-1048' Water-Based, 1048'-5899' Saturated Brine, 5899'-TD Saturated Brine-Based or 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.
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**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.	<b>OIL CONSERVATION DIVISION</b>
Signature:	
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:      5/16/2019      Expiration Date: 5/16/2021
Date:                  5/13/2019      Phone: 713-366-5716	Conditions of Approval Attached

DISTRICT I  
1200 S. 2ND ST., SUITE 200, ALBUQUERQUE, NM 87102  
Phone: (505) 824-2241 Fax: (505) 824-2242

DISTRICT II  
511 E. FIRST ST., ALBUQUERQUE, NM 87102  
Phone: (505) 742-1222 Fax: (505) 742-9722

DISTRICT III  
1000 W. 2ND ST., SUITE 200, ALBUQUERQUE, NM 87102  
Phone: (505) 824-2241 Fax: (505) 824-2242

DISTRICT IV  
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Phone: (505) 742-1222 Fax: (505) 742-9722

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 30-025-	Pool Code 51883	Pool Name RED TANK; BONE SPRING
Property Code	Property Name AVOGATO 30_31 STATE COM	Well Number 24H
DEED No. 18898	Operator Name OXY USA	Elevation 3686.0'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
B	30	22-S	33-E		420	NORTH	1820	EAST	LEA

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
O	31	22-S	33-E		20	SOUTH	2080	EAST	LEA

Dedicated Acres	Acres or Infill	Consolidation Code	Order No.
8.40			

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><b>SURFACE LOCATION</b> Y=498705.0 N X=764906.7 E LAT.=32.368729° N LONG.=103.608849° W</p> <p>* ALL COORDINATES ARE NAD 83 VALUES</p> <p><b>POINT LEGEND</b></p> <table border="1"> <tr><td>1</td><td>Y=498705.0 N</td></tr> <tr><td>2</td><td>X=764906.7 E</td></tr> <tr><td>3</td><td>Y=498705.0 N</td></tr> <tr><td>4</td><td>X=764906.7 E</td></tr> <tr><td>5</td><td>Y=498705.0 N</td></tr> <tr><td>6</td><td>X=764906.7 E</td></tr> <tr><td>7</td><td>Y=498705.0 N</td></tr> <tr><td>8</td><td>X=764906.7 E</td></tr> </table> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Y=498585.2 N X=764804.3 E LAT.=32.347117° N LONG.=103.609762° W</p>	1	Y=498705.0 N	2	X=764906.7 E	3	Y=498705.0 N	4	X=764906.7 E	5	Y=498705.0 N	6	X=764906.7 E	7	Y=498705.0 N	8	X=764906.7 E	<p>LOT 1 GRID AZ. = 324°30'24" HORIZ. DIST. = 482.7' 36.88 Ac LOT 2 36.87 Ac LOT 3 36.88 Ac LOT 4 36.67 Ac SECTION 30 LOT 1 SECTION 31 36.71 Ac LOT 2 36.66 Ac LOT 3 36.63 Ac LOT 4 36.60 Ac</p> <p>GRID AZ. = 178°33'36" HORIZ. DIST. = 1048.8'</p> <p>100' FSL @ 2080' FEL Y=498703.0 N X=764923.9 E LAT.=32.36947° N LONG.=103.608782° W</p> <p>EIP 100' FSL @ 2080' FEL Y=498703.5 N X=764924.3 E LAT.=32.36910° N LONG.=103.608792° W</p> <p>100' FSL @ 2080' FEL Y=498585.2 N X=764804.3 E LAT.=32.347117° N LONG.=103.609762° W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this information shall serve as a working interest or mineral interest 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: _____ Date: 05/08/19</p> <p>Printed Name: _____</p> <p>LESLEE REEVES@OXY.COM</p> <p>E-mail Address: _____</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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</p> <p>Date of Survey: _____</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p>CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR</p> <p>4/5/19</p> <p>CERTIFICATE No. CHAD HARCROW 17777</p> <p>W.D. # 18-477 DRAWN BY: WN</p>
1	Y=498705.0 N																	
2	X=764906.7 E																	
3	Y=498705.0 N																	
4	X=764906.7 E																	
5	Y=498705.0 N																	
6	X=764906.7 E																	
7	Y=498705.0 N																	
8	X=764906.7 E																	

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

Form APD Comments  
  
 Permit 267241

**PERMIT COMMENTS**

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294		API Number: 30-025-45960
		Well: AVOGATO 30 31 STATE COM #024H
Created By	Comment	Comment Date
lesliereeves	First Take Point/Top Perforated Interval: 100' FNL 2080' FEL NWNE 30-T22S-R33E LEA - Lat. 32.369810 Long. -103.609792 (NAD83). Last Take Point/Bottom Perforated Interval: 100' FSL 2080' FEL SESE 31-T22S-R33E LEA - Lat. 34.341337 Long. -103.609762 (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.	5/13/2019

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Form APD Conditions

Permit 267241

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294	API Number: 30-025-45960
	Well: AVOGATO 30 31 STATE COM #024H

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.