

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

Form C-101
August 1, 2011
Permit 267905

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

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 30-025-46030
4. Property Code 325625	5. Property Name AVOGATO 30 31 STATE COM	6. Well No. 002H

7. Surface Location

UL - Lot C	Section 30	Township 22S	Range 33E	Lot Idn C	Feet From 420	N/S Line N	Feet From 2230	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot N	Section 31	Township 22S	Range 33E	Lot Idn N	Feet From 20	N/S Line S	Feet From 2190	E/W Line W	County Lea
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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 3696
16. Multiple N	17. Proposed Depth 20925	18. Formation 1st Bone Spring Sand	19. Contractor	20. Spud Date 6/15/2021
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	1050	1108	0
Int1	12.25	9.625	36	5903	1559	0
Prod	8.5	5.5	20	20924	2712	0

Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-1050' Water-Based, 1050'-5903' Saturated Brine-Based Mud, 5903'-20924' 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.

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: 5/29/2019</p> <p>Phone: 713-366-5716</p>	<p>OIL CONSERVATION DIVISION</p> <p>Approved By: Paul F Kautz</p> <p>Title: Geologist</p> <p>Approved Date: 6/3/2019</p> <p>Expiration Date: 6/3/2021</p> <p>Conditions of Approval Attached</p>
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DISTRICT I
1200 N. UNIVERSITY BL., ALBUQU., NM 87102
Phone: (505) 842-2311 Fax: (505) 842-2322

DISTRICT II
611 E. FIRST ST., ALBUQU., NM 87102
Phone: (505) 742-1222 Fax: (505) 742-2722

DISTRICT III
1000 W. UNIVERSITY BL., ALBUQU., NM 87106
Phone: (505) 842-2176 Fax: (505) 842-2178

DISTRICT IV
1000 W. UNIVERSITY BL., ALBUQU., NM 87106
Phone: (505) 742-1222 Fax: (505) 742-2722

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 51887	Pool Name RED TANK; BONE SPRING
Property Code	Property Name AVOGATO 30_31 STATE COM	Well Number 2H
DCRD No. 18898	Operator Name OXY USA INC.	Elevation 3696.2'

Surface Location

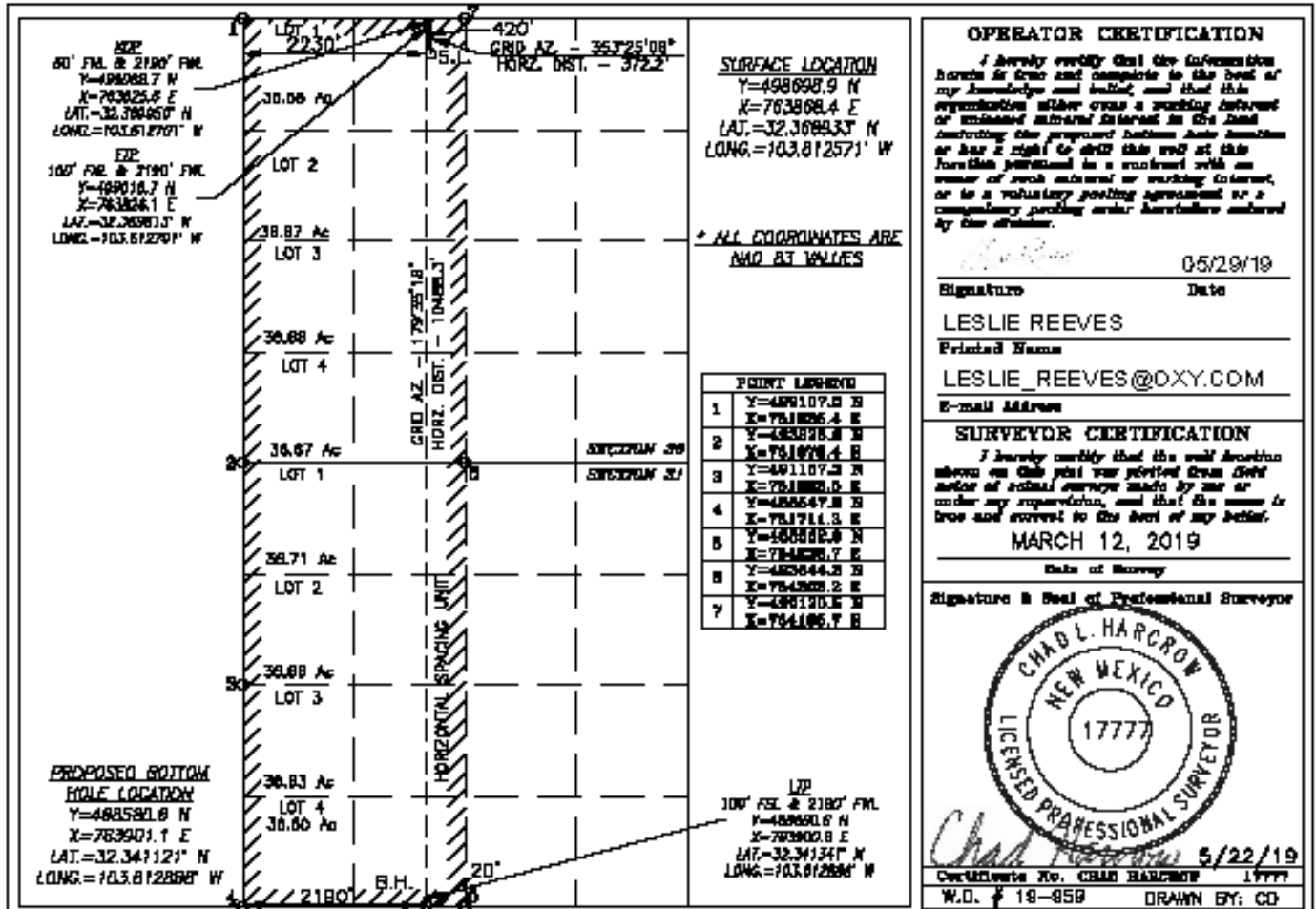
TL or lot No.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
C	30	22-S	33-E		420	NORTH	2230	WEST	LEA

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
N	31	22-S	33-E		20	SOUTH	2190	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



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Santa Fe, NM 87505

PERMIT COMMENTS

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294	API Number: 30-025-46030
	Well: AVOGATO 30 31 STATE COM #002H

Created By	Comment	Comment Date
lesliereeves	First Take Point/Top Perforated Interval: 100' FNL 2210' FWL NENW 30-T22S-R33E LEA - Lat. 32.369813 Long. -103.612636 (NAD83). Last Take Point/Bottom Perforated Interval: 100' FSL 2210' FWL SESW 31-T22S-R33E LEA - Lat. 32.341341 Long. -103.612621 (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.	5/29/2019
lesliereeves	DELETE PREVIOUS COMMENT First Take Point/Top Perforated Interval: 100' FNL 2190' FWL NENW 30-T22S-R33E LEA - Lat. 32.369813 Long. -103.612701 (NAD83). Last Take Point/Bottom Perforated Interval: 100' FSL 2190' FWL SESW 31-T22S-R33E LEA - Lat. 32.341341 Long. -103.612686 (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.	5/29/2019

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PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294	API Number: 30-025-46030
	Well: AVOGATO 30 31 STATE COM #002H

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.