

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 267311

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 30-025-45962
5. Property Name AVOGATO 30 31 STATE COM		6. Well No. 071H

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	2195	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	940	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 3696
16. Multiple N	17. Proposed Depth 22287	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 9/1/2020
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	1039	1097	0
Int1	12.25	7.625	26.4	5878	499	0
Int1	9.875	7.625	26.4	10965	1873	0
Prod	6.75	5.5	20	22286	867	0

Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-1039' Water-Based, 1039'-10965' Saturated Brine or Oil-Based Mud, 10965'-TD 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 ☒ and/or 19.15.14.9 (B) NMAC ☒ , 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: 5/16/2019 Expiration Date: 5/16/2021
Date: 5/13/2019 Phone: 713-366-5716	Conditions of Approval Attached

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Form C-102
 August 1, 2011
 Permit 267311

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-45962	2. Pool Code 51687	3. Pool Name RED TANK;BONE SPRING, EAST
4. Property Code 325625	5. Property Name AVOGATO 30 31 STATE COM	6. Well No. 071H
7. OGRID No. 16696	8. Operator Name OXY USA INC	9. Elevation 3696

10. Surface Location

UL - Lot C	Section 30	Township 22S	Range 33E	Lot Idn C	Feet From 240	N/S Line N	Feet From 2195	E/W Line W	County Lea
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11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 31	Township 22S	Range 33E	Lot Idn 4	Feet From 20	N/S Line S	Feet From 940	E/W Line W	County Lea
12. Dedicated Acres 613.44	13. Joint or Infill				14. Consolidation Code			15. Order No.	

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

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> E-Signed By: KELLEY MONTGOMERY Title: Manager Regulatory Date: 5/13/2019
	SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: CHAD HARCROW Date of Survey: 3/12/2019 Certificate Number: 17777

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Form APD Comments

Permit 267311

PERMIT COMMENTS

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294		API Number: 30-025-45962
		Well: AVOGATO 30 31 STATE COM #071H

Created By	Comment	Comment Date
iesliereeves	First Take Point/Top Perforated Interval: 100' FNL 940' FWL NWNW 30-T22S-R33E LEA - Lat. 32.369818 Long. -103.616750 (NAD83). Last Take Point/Bottom Perforated Interval: 100' FSL 940' FWL SWSW 31-T22S-R33E LEA - Lat. 32.341344 Long. -103.616733 (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 267311

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: OXY USA INC [16696] P.O. Box 4294 Houston, TX 77210-4294	API Number: 30-025-45962
	Well: AVOGATO 30 31 STATE COM #071H

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.