<u>District I</u> 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 267103

APPLICATION FOR PERMIT TO D	RILL, RE-ENTER, DEEPEN	, PLUGBACK, OR ADD A ZONE
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AT LICATION ON ENMIT TO DIVILL, IN-LITTLY, DELI LIN, I LOODAON, ON ADD A ZONE							
Operator Name and Address     OXY USA INC		2. OGRID Number 16696					
P.O. Box 4294 Houston, TX 77210-4	294	3. API Number 30-025-45923					
4. Property Code	5. Property Name	6. Well No.					
325625	AVOGATO 30 31 STATE COM	004H					
	7. Surface Location						

	ction	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Α	30	22S	33E	Α	160	N	1120	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
	Р	31	22S	33E	Р	20	S	330	E	Lea

### 9. Pool Information

RED TANK;BONE SPRING, EAST	51687

#### Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	3669
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date
N	20961	1st Bone Spring Sand		9/25/2019
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	1047	1105	0
Int1	12.25	9.625	36	5879	1552	0
Prod	8.5	5.5	20	20960	2719	0

### Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-1047' Water-Based, 1047'-5879' Saturated Brine, 5879'-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.

22. Proposed Blowout Prevention Program

Туре	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:  Printed Name: Electronically filed by KELLEY MONTGOMERY			OIL CONSERVATION DIVISION		
Printed Name:	Electronically filed by KELLEY M	ONTGOMERY	Approved By:	Paul F Kautz	
Title:	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 Appr	roval Attached	

**IIISTRICT I** DISTRICT II 611 & Fight Pf., Letters, kill serie Faron (170) Not-like from (170) Not-like

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

> 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

DISTRICT III 1960 DO BALGES WI., APPEC, NO STATA France (CO) CON-CUTA New (COA) MA-CLYN DISTRICT IV

Farm C-108 Berbei Japan 1, 2011 faled as any to sproplets District Office

☐ AMDENDED REPORT

WELL.	LOCATION	ANT	ACDRACE	DEDICATION	DIAT
Tr Calab	LUCATION	TI II		DEBILATION	PLAI

AFI Manher		Peol Cods	Pool Name		
30-025-	516	883	RED TANK; BONE SPRING		
Property Codn	•	Prope	Tell Number		
		AVOGATO 30_	31 STATE COM	<b>4</b> H	
DEBID Fo.		Open-	rtes Berne	Clevetton.	
16896		OXY	USA	3669.0"	

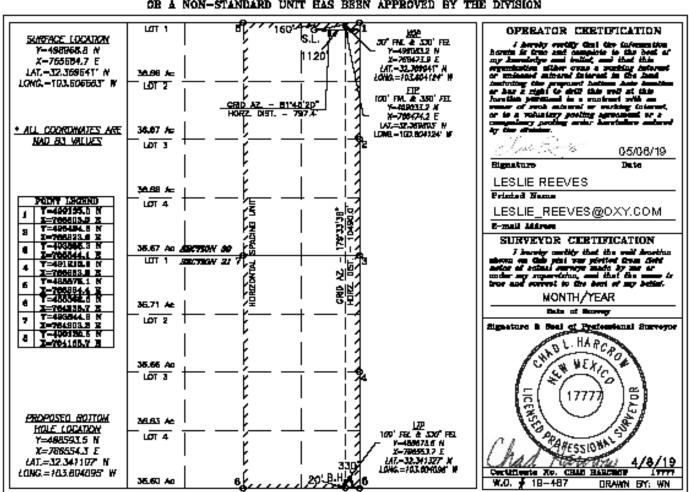
#### Surface Location

TTL or lot No.	Seption	Josephly	Lenge	Let Ida	Post from the	North/Froth time	Pert from the	Bust/Fort line	Consty
A	30	22-5	33-E		160	NORTH	1120	EAST	LEA

### Bottom Hole Location If Different From Surface

TIL or lot No.	Seellen.	Township	Hange	Let Ma	Feet from the	North/South line	Fast from the	Zant/Fest line	County
Р	31	22-S	33-E		20	SOUTH	330	EAST	LEA
Dedicated force   Joint or Infill   Conseil/Intime (			Code Com	ior No.					
640									

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



Form APD Comments

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

Permit 267103

### PERMIT COMMENTS

Operator Name and Address:	API Number:	
OXY USA INC [16696]	30-025-45923	
P.O. Box 4294	Well:	
Houston, TX 77210-4294	AVOGATO 30 31 STATE COM #004H	

Created By	Comment	Comment Date
lesliereeves	First Take Point/Top Perforated Interval: 100' FNL 330' FEL NENE 30-T22S-R33E LEA - Lat. 32.369803 Long103.604124 (NAD83). Last Take Point/Bottom	5/8/2019
	Perforated Interval: 100' FSL 330' FEL SESE 31-T22S-R33E LEA - Lat. 32.341327 Long103.604096 (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.	

Form APD Conditions

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

Permit 267103

### PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
OXY USA INC [16696]	30-025-45923
P.O. Box 4294	Well:
Houston, TX 77210-4294	AVOGATO 30 31 STATE COM #004H

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.