

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Rec'd 07/02/2020 - NMOCD Form C-103

Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-45929
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Avogato 30-31 State Com
8. Well Number 31H
9. OGRID Number 16696
10. Pool name or Wildcat Red Tank; Bone Spring East
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3702' GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator OXY USA Inc.	
3. Address of Operator PO Box 4294 Houston, TX 77210	
4. Well Location Unit Letter C : 240 feet from the N line and 1350 feet from the W line Section 30 Township 22S Range 33E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3702' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Completion <input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

RUPU 12/07/19, RIH & clean out to PBTD @ 22193' pressure test csg to 9800# for 30 minutes, good test. RIH & perf from. 22011-21830, 21810-21629, 21610-21429, 21410-21229, 21210-21029, 21010-20829, 20810-20629, 20600-20419, 20410-20229, 20210-20049, 20010-19829, 19810-19629, 19610-19429, 19410-19229, 19210-19029, 19007-18832, 18810-18629, 18610-18429, 18410-18229, 18210-18029, 18010-17829, 17810-17629, 17610-17429, 17410-17229, 17210-17029, 17010-16829, 16810-16629, 16610-16431, 16410-16229, 16210-16031, 16010-15829, 15810-15629, 15610-15429, 15410-15231, 15210-15029, 15010-14829, 14810-14629, 14610-14429, 14410-14229, 14210-14029, 14010-13829, 13810-13629, 13610-13429, 13410-13229, 13210-13029, 13010-12829, 12810-12629, 12610-12429, 12410-12229, 12210-12029, 12010-11829. Frac in 51 stages w/ 434371 slickwater, 25495403 lbs sand, and 1222 bbls HCl 7.5% acid. RDMO 12/31/19, pump to clean out and turn well over to production. 01/02/20 Well ready to produce. 03/04/20 RIH 2 3/8" tbg & gas lift @ 11621'.

Spud Date:

07/03/2019

Rig Release Date:

03/04/2020

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE April Santos TITLE Regulatory Specialist DATE 3/24/2020

Type or print name April Santos E-mail address: April_Hood@Oxy.com PHONE: 713-366-5771

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Entered 7/6/2020 - NMOCD

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State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC P.O. BOX 4294 HOUSTON, TX 77210		² OGRID Number 16696
		³ Reason for Filing Code/ Effective Date - NW
⁴ API Number 30-025-45929	⁵ Pool Name RED TANK;BONE SPRING, EAST	⁶ Pool Code 51687
⁷ Property Code: 325625	⁸ Property Name: AVOGATO 30 31 STATE COM	⁹ Well Number: 31H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	30	22S	33E		240	NORTH	1350	WEST	LEA

¹¹ Bottom Hole Location

FTP: 205' FNL 507' FWL LTP: 243' FSL 573' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	22S	33E		18	SOUTH	566	WEST	LEA
¹² Lse Code S	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: 1/9/20		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
237722	CENTURION PIPELINE L.P.	O
312824	PILOT TRAVEL CENTERS	O
36785	DCP OPERATING COMPANY, LP	G

IV. Well Completion Data

²¹ Spud Date 7/3/19	²² Ready Date 1/2/20	²³ TD 11948'V/22234'M	²⁴ PBDT 11946'V/22193'M	²⁵ Perforations 11829'-22011'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"	13-3/8'		1055'		1340
12-1/4"	9-5/8"		6435'		1207
8-1/2"	7-5/8"		11332'		627
6-3/4"	5-1/2"		22206'		826

V. Well Test Data

³¹ Date New Oil 01/10/20	³² Gas Delivery Date 01/10/20	³³ Test Date 1/23/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3663
³⁷ Choke Size 24	³⁸ Oil 5574	³⁹ Water 9364	⁴⁰ Gas 8334		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:
April Santos

Title:
REGULATORY SPECIALIST

E-mail Address:
April_Hood@oxy.com

Date:
3/23/20

Phone:
713-366-5771

OIL CONSERVATION DIVISION

Approved by: **Patricia Martinez**

Title: **LM II**

Approval Date: **7/6/2020**

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Rcvd 7/6/2020 - NMOCD Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised August 1, 2011				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Avogato 30-31 State Com 6. Well Number: 31H				
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____										
8. Name of Operator OXY USA Inc.						9. OGRID 16696				
10. Address of Operator PO Box 4294 Houston, TX 77210						11. Pool name or Wildcat Red Tank; Bone Spring, East				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	30	22S	33E		240	N	1350	W	Lea
BH:	P	31	22N	33E		20	S	500	W	Lea
13. Date Spudded 07/03/2019	14. Date T.D. Reached 11/28/2019		15. Date Rig Released 12/04/2019		16. Date Completed (Ready to Produce) 01/02/2020			17. Elevations (DF and RKB, RT, GR, etc.) 3702 GR		
18. Total Measured Depth of Well 22234			19. Plug Back Measured Depth 22193		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11829' - 22011'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8		54.5		1055		17 1/2		1340		0
9 5/8		40		6435		12 1/4		1207		0
7 5/8		36		11332		8 1/2		627		0
5 1/2		20		22206		6 3/4		826		0
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2 3/8	11621				
26. Perforation record (interval, size, and number) 11829' - 22011' in 51 stages w/ 1551 shots					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					11829' - 22011'		434371 slickwater, 1222 bbls 7.5% acid & 25495403 lbs sand			
28. PRODUCTION										
Date First Production 01/10/2020		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Gas Lift				Well Status (<i>Prod. or Shut-in</i>) Prod				
Date of Test 01/23/2020	Hours Tested 24	Choke Size 24	Prod'n For Test Period	Oil - Bbl 5574	Gas - MCF 8334	Water - Bbl. 9364	Gas - Oil Ratio 1495			
Flow Tubing Press.	Casing Pressure 3663	Calculated 24-Hour Rate	Oil - Bbl. 5574	Gas - MCF 8834	Water - Bbl. 9364	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) To be sold							30. Test Witnessed By			
31. List Attachments C103, C104, C102, WBD, Log Header										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial: <div style="text-align: right;">Latitude _____ Longitude _____ NAD 1927 1983</div>										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief <div style="display: flex; justify-content: space-between;"> <div> Signature Printed Name April Santos E-mail Address April_Hood@OXY.com </div> <div> Title Regulatory Specialist Date 3/23/2020 </div> </div>										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler 965	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salado 1429	T. Strawn	T. Kirtland	T. Penn. "B"
B. Castille 3038	T. Atoka	T. Fruitland	T. Penn. "C"
Lamar 4890	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 5709	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 7182	T. Silurian	T. Menefee	T. Madison
T. Bone Springs 8820	T. Montoya	T. Point Lookout	T. Elbert
T. 1st Bone Springs 9769	T. Simpson	T. Mancos	T. McCracken
T. 2nd Bone Springs 10469	T. McKee	T. Gallup	T. Ignacio Otzte
T. 3rd Bone Ssrinds 11876	T. Ellenburger	Base Greenhorn	T. Granite
T. Blaine	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

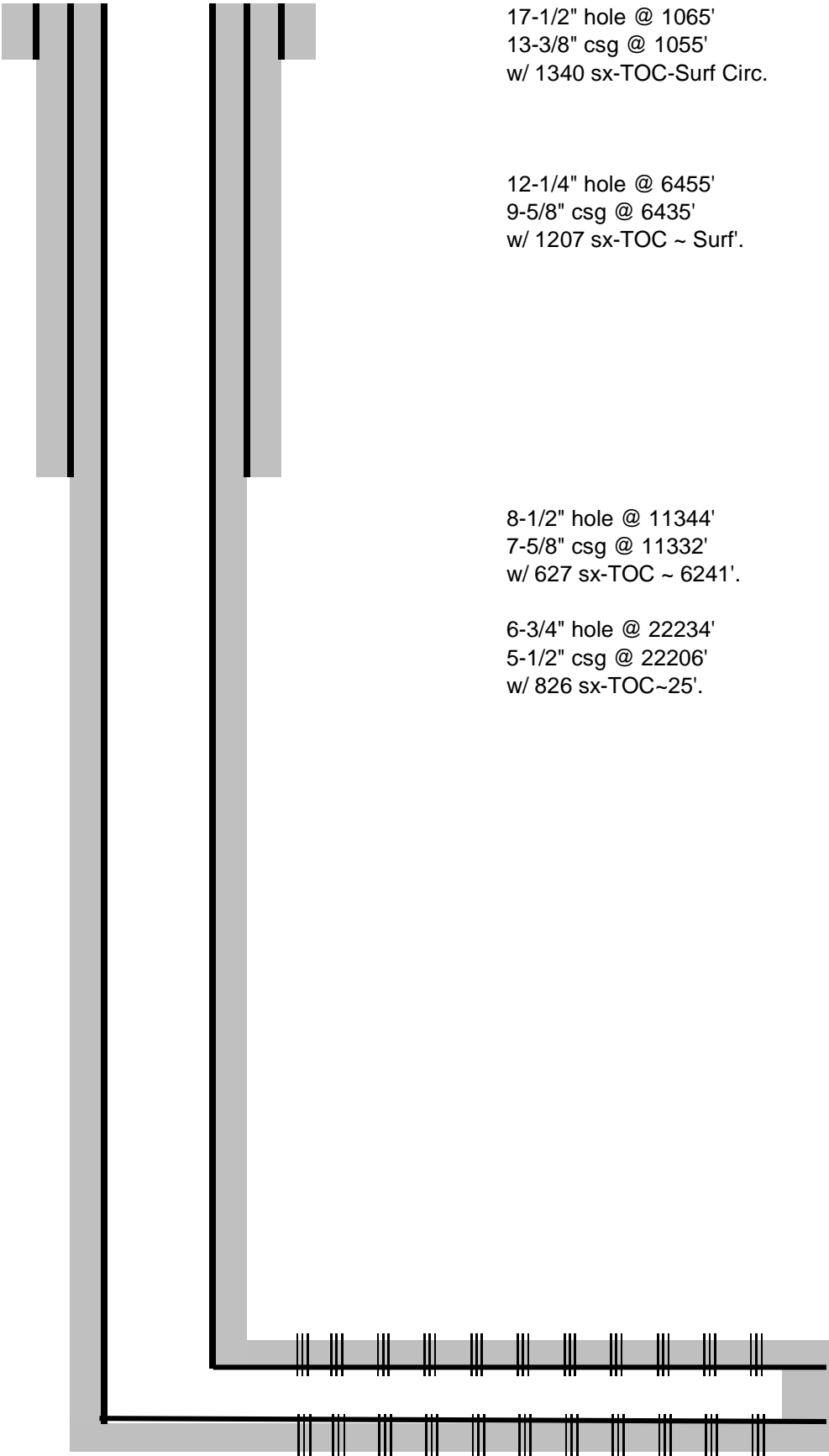
No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

OXY USA INC
Avogato 30-31 State Com 31H
API No. 30-015-45929



17-1/2" hole @ 1065'
13-3/8" csg @ 1055'
w/ 1340 sx-TOC-Surf Circ.

12-1/4" hole @ 6455'
9-5/8" csg @ 6435'
w/ 1207 sx-TOC ~ Surf'.

8-1/2" hole @ 11344'
7-5/8" csg @ 11332'
w/ 627 sx-TOC ~ 6241'.

6-3/4" hole @ 22234'
5-1/2" csg @ 22206'
w/ 826 sx-TOC~25'.

Perfs @ 11829' - 22011' TD- 22234' M 11948' V

Company: Oxy USA Inc.		Well: Avogato 30-31 State Com 31H ST0		Field Name: 3rd Bones Springs		County Name: LEA		State Name: New Mexico		Country Name: USA	
SlimPulse Gamma Ray											
5in/100ft Measured Depth											
Final Print											
Recorded Mode											
Schlumberger											
Company:		Oxy USA Inc.									
Well:		Avogato 30-31 State Com 31H ST01									
Field Name:		3rd Bones Springs									
County Name:		LEA									
State Name:		New Mexico									
Country Name:		USA									
Latitude:		32°22'09.952"N				API Number:		30-025-45929			
Longitude:		103°36'55.518"W				Rig Name:		Pioneer 82			
Spud Date:		28-Aug-2019				Rig Type:		Land			
Log Interval:		6235.00--22233.55(ft)				Job Number:		19MLH0310			
Depth Source:		Driller's Depth				Print Type:		Final Print			
Log Measured From:		Drill Floor				Northing:		498874.2(ft)			
Drill Floor Elevation:		3727.6(ft)				Easting:		762987.1(ft)			
Ground Level Elevation:		3702.6(ft)				Coordinate System:		NAD83 New Mexico State Plane, Easter Zone, US feet			
Permanent Datum:		Sea Level									

Disclaimer										
<p>THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.</p>										

Operational Run Summary			
Notes			
Run 1: Original Well Side Track.			
Run 3: GAMMA GAP from 11293 ft to 11310 ft due to milling. No Relog required.			
Run 1 (Bit Size: 8.5 in)			
DateTime Log Started	31-Oct-2019 08:05:30	DateTime Log Finished	01-Nov-2019 18:43:27
Start Depth (ft)	6240	Stop Depth (ft)	6691
Mud Type	Water Based Mud	Mud Density (lbm/gal)	8.7
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	55.4	Calibration Coefficient	0
DNI Sensor Offset (ft)	52.37		
Run 2 (Bit Size: 8.5 in)			
DateTime Log Started	01-Nov-2019 18:43:34	DateTime Log Finished	04-Nov-2019 16:53:37
Start Depth (ft)	6691	Stop Depth (ft)	11340
Mud Type	Water Based Mud	Mud Density (lbm/gal)	8.8