

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised August 1, 2011
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HOBBS OGD
 FEB 12 2020
 RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG											
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ 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: 21H			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER											
8. Name of Operator OXY USA INC.								9. OGRID 16696			
10. Address of Operator P.O. BOX 50250 MIDLAND, TX 79710								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		420	NORTH	1350	WEST	LEA	
BH:	M	31	22S	33E	4	17	SOUTH	563	WEST	LEA	
13. Date Spudded 7/13/19	14. Date T.D. Reached 9/26/19	15. Date Rig Released 10/2/19			16. Date Completed (Ready to Produce) 11/13/19			17. Elevations (DF and RKB, RT, GR, etc.) 3707'GR			
18. Total Measured Depth of Well 20894'M 10757'V			19. Plug Back Measured Depth 20863'M 10755'V			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 10951-20804' 2ND BONE SPRING											
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# J55		1052'		17-1/2"		1340sx-surf circ.			
9-5/8"		43.5# L80		6425'		12-1/4"		1213sx-surf circ.			
7"		32# P110		0-10106'		8-1/2"		2569sx- TOC @ 4900'		✓	
5-1/2"		20# P110		10106'-20875'		8-1/2"		2569sx- TOC @ 4900'			
24. LINER RECORD											
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD				
							SIZE	DEPTH SET	PACKER SET		
							3-1/2"	10412'			
26. Perforation record (interval, size, and number) 6 SPF @ 20804-20628,											
20607-20431, 20409-20258, 20237-20036, 20013-19838, 19816-19641, 19618-19443, 19421-19246, 19223-19048, 19026-18851, 18828-18653, 18631-18456, 18433-18262, 18366-18061, 17891-17863, 17841-17666, 17643-17468, 17446-17271, 17059-17073, 17052-16826, 16853-16678, 16458-16283, 16435-16481, 16261-16086, 16062-15889, 15864-15691, 15668-15493, 15471-15296, 15273-15098, 15076-14901, 14878-14703, 14480-14311, 14355-14506, 14287-14111, 14088-13913, 13891-13716, 13693-13518, 13496-13319, 13298-13123, 13102-12926, 12904-12728, 12706-12531, 12508-12335, 12312-12136, 12114-11938, 11961-11741, 11718-11543, 11520-11346, 11324-11148, 11126-10951' Total 1200 Holes											
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.											
DEPTH INTERVAL						AMOUNT AND KIND MATERIAL USED					
10951-20804'						424080bbl slickwater + 48200g 7.5% HCl acid w/ 25060644# sand					
28. PRODUCTION											
Date First Production 11/20/19			Production Method (Flowing, gas lift, pumping - Size and type pump) ESP					Well Status (Prod. or Shut-in) PROD.			
Date of Test 11/24/19	Hours Tested 24	Choke Size 54/128	Prod'n For Test Period	Oil - Bbl 2136	Gas - MCF 2649	Water - Bbl. 13164	Gas - Oil Ratio 1240				
Flow Tubing Press. ---	Casing Pressure 905	Calculated 24-Hour Rate	Oil - Bbl. 2136	Gas - MCF 2649	Water - Bbl. 13164	Oil Gravity - API - (Corr.)					
29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold										30. Test Witnessed By	
31. List Attachments C103, C104, C102, WBD, Directional Survey, 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:											
Latitude				Longitude				NAD 1927 1983			
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											
Signature			Printed Name Jana Mendiola			Title Regulatory Specialist			Date 2/10/20		
E-mail Address: janalyn_mendiola@oxy.com											

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 966'	T. Canyon	T. Ojo Alamo	T. Penn A"
T. SALADO 1324'	T. Strawn	T. Kirtland	T. Penn. "B"
B. CASTILE 2803'	T. Atoka	T. Fruitland	T. Penn. "C"
T. LAMAR 4766'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 8729'	T. Todilto	
T. Abo	T. Bell Canyon 4808'	T. Entrada	
T. Wolfcamp	T. Cherry Canyon 5631'	T. Wingate	
T. Penn	T. Brushy Canyon 7025'	T. Chinle	
T. Cisco (Bough C)	T. 1 st Bone Spring 9853' T. 2 nd Bone Spring 10203'	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

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

Form C-103
Revised July 18, 2013
AMENDED

WELL API NO. 30-025-45924	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name AVOGATO 30-31 STATE COM	
8. Well Number	21H
9. OGRID Number	16696
10. Pool name or Wildcat RED TANK; BONE SPRING; EAST	
4. Well Location Unit Letter <u>C</u> : <u>420</u> feet from the <u>NORTH</u> line and <u>1350</u> feet from the <u>WEST</u> line Section <u>30</u> Township <u>22S</u> Range <u>33E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3707' GR	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: Completion ☒	

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.

MIRU 10/18/19, RIH & clean out to PBTD @ 20863' pressure test csg to 9800# for 30 minutes, good test. RIH & perf from 20804-20628, 20607-20431, 20409-20258, 20237-20036, 20013-19838, 19816-19641, 19618-19443, 19421-19246, 19223-19048, 19026-18851, 18828-18653, 18631-18456, 18433-18262, 18366-18061, 17891-17863, 17841-17666, 17643-17468, 17446-17271, 17059-17073, 17052-16826, 16853-16678, 16458-16283, 16435-16481, 16261-16086, 16062-15889, 15864-15691, 15668-15493, 15471-15296, 15273-15098, 15076-14901, 14878-14703, 14480-14311, 14355-14506, 14287-14111, 14088-13913, 13891-13716, 13693-13518, 13496-13319, 13298-13123, 13102-12926, 12904-12728, 12706-12531, 12508-12335, 12312-12136, 12114-11938, 11961-11741, 11718-11543, 11520-11346, 11324-11148, 11126-10951. Frac in 50 stages (1200 shots) w/ 424080bbls slickwater, 48200 gal 7.5% HCl Acid and 25060644 lbs sand. RD 11/11/19, pump to clean out and turn well over to production. 11/13/19 Well ready to produce. 1/1/20 RUPU RIH with 3-1/2" tbg & ESP set @ 10412', RD 1/13/20.

Spud Date:

7/13/19

Rig Release Date:

10/2/19

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

SIGNATURE  TITLE Regulatory Specialist DATE 2/10/2020

Type or print name Jana Mendiola E-mail address: janalyn_mendiola@oxy.com PHONE: 432-685-5936
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____