

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 Conservation Division 220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised April 3, 2017
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HOBBS OGD
 JUN 12 2019
 RECEIVED

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 NORTH HOBBS G/SA UNIT 6. Well Number: 670																																	
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 OCCIDENTAL PERMIAN LTD.	9. OGRID 157984																																	
10. Address of Operator P.O. BOX 4294, HOUSTON, TX 77210	11. Pool name or Wildcat HOBBS;GRAYBURG-SAN ANDRES																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>12. Location</th> <th>Unit Ltr</th> <th>Section</th> <th>Township</th> <th>Range</th> <th>Lot</th> <th>Feet from the</th> <th>N/S Line</th> <th>Feet from the</th> <th>E/W Line</th> <th>County</th> </tr> <tr> <td>Surface:</td> <td>L</td> <td>23</td> <td>18S</td> <td>37E</td> <td>L</td> <td>2493</td> <td>SOUTH</td> <td>1094</td> <td>WEST</td> <td>LEA</td> </tr> <tr> <td>BH:</td> <td>E</td> <td>23</td> <td>18S</td> <td>37E</td> <td>E</td> <td>2609</td> <td>NORTH</td> <td>1005</td> <td>WEST</td> <td>LEA</td> </tr> </table>	12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	Surface:	L	23	18S	37E	L	2493	SOUTH	1094	WEST	LEA	BH:	E	23	18S	37E	E	2609	NORTH	1005	WEST	LEA	17. Elevations (DF and RKB, RT, GR, etc.) 3706 KB
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13. Date Spudded 1/23/2019	14. Date T.D. Reached 1/30/2019	15. Date Rig Released 2/1/2019	16. Date Completed (Ready to Produce) 2/12/2019	20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run COMPENSATED NEUTRON																												
18. Total Measured Depth of Well 5180'		19. Plug Back Measured Depth 5122'		22. Producing Interval(s), of this completion - Top, Bottom, Name 4470'-4524' SAN ANDRES																														

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36	1558'	13-1/2"	C 1025 SX	0
7"	26	4052' (DV TOOL)	8-3/4"	C 790 SX	0
7"	26	5180'	8-3/4"	C 410 SX	0

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4335'	

26. Perforation record (interval, size, and number) 4470' - 4524'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4470' - 4524'</td> <td>3500 gallons of 15% acid</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4470' - 4524'	3500 gallons of 15% acid
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PRODUCTION

28. Date First Production 2/23/2019		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING				Well Status (Prod. or Shut-in) PROD	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/23/2019	24			1.0	6.7	1987.3	6680
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
			1.0	6.7	1987.3	32	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Produced gas is reinjected as part of the North Hobbs Unit CO2 flood.	30. Test Witnessed By
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31. List Attachments C102, C104, Logs, Inclination Report

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.	33. Rig Release Date:
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34. If an on-site burial was used at the well, report the exact location of the on-site burial:

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	Latitude _____ Longitude _____ NAD83	
Signature	Printed Name RONI MATHEW	Title REGULATORY SPECIALIST Date 6/11/2019
E-mail Address roni_mathew@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	1,680' MD / 1,680' TVD		T. Canyon	T. Ojo Alamo	T. Penn "A"
T. Salt	1,827' MD / 1,827' TVD		T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt			T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	2,938' MD / 2,931' TVD		T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	3,186' MD / 3,178' TVD		T. Devonian	T. Cliff House	T. Leadville
T. Queen	3,744' MD / 3,734' TVD		T. Silurian	T. Menefee	T. Madison
T. Grayburg	4,100' MD / 4,090' TVD		T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	4,444' MD / 4,434' TVD		T. Simpson	T. Mancos	T. McCracken
T. Glorieta	' MD / ' TVD		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	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	From	To	Thickness In Feet	Lithology
1,680	1,827	147	Anhydrite and red shales				
1,827	2,931	1,104	Salt section with anhydrite stringers and some shales				
2,931	3,178	247	Interbedded brown-red-gray soft shale, fine sand, anhydrite, and reddish-brown salt stringers				
3,178	3,734	556	Mainly gray, dense anhydrite interbedded with occasional red shale and red-gray sandstone				
3,734	4,090	356	Upper 1/4 mainly red-gray, slightly anhydritic silty sand. Lower 3/4 mainly anhydrite with interbedded red-gray shale and tan anhydritic dolomite				
4,090	4,434	344	Interbedded brown-gray silty dolomite, shale, sand, and thin anhydrite stringers				
4,434			Dolomite with rare silty sandstone, rare anhydrite				