Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-025-35376

5. Indicate Type Of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER

7. Lease Name or Unit Agreement Name: North Hobbs G/SA Unit

2. Name of Operator: Occidental Permian Limited Partnership

8. Well No.: 643

3. Address of Operator: P.O. Box 4294, Houston, TX 77210-4294

9. Pool name or Wildcat: Hobbs; Grayburg - San Andres

4. Well Location
Unit Letter I : 2374 Feet From The South Line and 1213 Feet From The East Line

Section 29 Township 18-S Range 38-E NMPM Lea County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
3/30/01	4/5/01	4/26/01	3648' GL	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
4411'	4355'			4411'	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 4096' - 4274'; Grayburg - San Andres

20. Was Directional Survey Made: No

21. Type Electric and Other Logs Run: SD-DSN-SGL, DL Micro-SFL, CS NGL

22. Was Well Cored: No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14	Conductor	40	18	50 sx.	
8-5/8	24	1513	12-1/4	850 sx.	
5-1/2	15.5	4411	7-7/8	900 sx.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	4006'	

26. Perforation record (interval, size, and number)
4096' - 4274' (4 JSPF)

27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4096' - 4274'	2200 gal. 15% HCL

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
4/27/01	Pumping, ESP - Reda	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/27/01	24	N/A		154	77	2235	500

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
50	35		154	77	2235	35

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold

Test Witnessed By: C. Whitley

30. List Attachments: Logs (3 ea.), Inclination Report

31. 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 Mark Stephens Printed Name Mark Stephens Title Bus. Analyst (SG) Date 5/18/01

C

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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northeastern New Mexico		
T. Anhy	T. Canyon		T. Ojo Alamo	T. Penn. "B"	
T. Salt	T. Strawn		T. Kirtland-Fruitland	T. Penn. "C"	
B. Salt	T. Atoka		T. Pictured Cliffs	T. Penn. "D"	
T. Yates 2649	T. Miss		T. Cliff House	T. Leadville	
T. 7 Rivers	T. Devonian		T. Menefee	T. Madison	
T. Queen 3386	T. Silurian		T. Point Lookout	T. Elbert	
T. Grayburg 3753	T. Montoya		T. Mancos	T. McCracken	
T. San Andres 4025	T. Simpson		T. Gallup	T. Ignacio Otzte	
T. Glorieta	T. McKee		Base Greenhorn	T. Granite	
T. Paddock	T. Ellenburger		T. Dakota	T.	
T. Blinebry	T. Gr. Wash		T. Morrison	T.	
T. Tubb	T. Delaware Sand		T. Todilto	T.	
T. Drinkard	T. Bone Springs		T. Entrada	T.	
T. Abo	T.		T. Wingate	T.	
T. Wolfcamp	T.		T. Chinle	T.	
T. Penn	T.		T. Permain	T.	
T. Cisco (Bough C)	T.		T. Penn "A"	T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 3900 to 4350 — 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
2649	3753	1104	Mixed anhydrite & silt with minor dolomite				
3753	3916	163	Mixed anhydrite, dolomite & silt				
3916	4025	109	Mixed silt & dolomite with minor anhydrite				
4025	4400	375	Dolomite