

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-025-35349

5. Indicate Type Of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

North Hobbs G/SA Unit

8. Well No.

644

9. Pool name or Wildcat

Hobbs; Grayburg-San Andres

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

b. Type of Completion:

NEW ☒

WORK ☐

OVER ☐

DEEPEN ☐

PLUG ☐

DIFF ☐

RESVR ☐

OTHER ☐

2. Name of Operator

Occidental Permian Limited Partnership

3. Address of Operator

P.O. Box 4294, Houston, TX 77210-4294

4. Well Location

SH Unit Letter: L/P : 1639 Feet From The South Line and 638 Feet From The West Line
BH 1007.4 1012 South 346.5 338 East

Section 27/28 Township 18-S Range 38-E NMPM Lea County

10. Date Spudded

1/22/01

11. Date T.D. Reached

2/3/01

12. Date Compl. (Ready to Prod.)

2/26/01

13. Elevations (DF & RKB, RT, GR, etc.)

3634' GL

14. Elev. Casinghead

15. Total Depth

4571'

16. Plug Back T.D.

4503'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

4571'

19. Producing Interval(s), of this completion - Top, Bottom, Name

4350' - 4498'; Grayburg - San Andres

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Gamma Collar Dual Spaced Neutron

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
16	Conductor	40	20	50 sx.	
9-5/8	32	1621	13-3/8	1050 sx.	
7	23	4571	8-3/4	950 sx.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4323	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

4350' - 4498' (4 JSPP)

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

4350' - 4498'

3500 Gal. 15% HCL

28. PRODUCTION

Date First Production 2/27/01	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - ESP, Reda					Well Status (Prod. or Shut-in) Producing	
Date of Test 2/27/01	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 27	Gas - MCF 50	Water - Bbl. 1054	Gas - Oil Ratio 1852
Flow Tubing Press. 50	Casing Pressure 35	Calculated 24-Hour Rate	Oil - Bbl. 27	Gas - MCF 50	Water - Bbl. 1054	Oil Gravity - API -(Corr.) 35	

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

Sold

Test Witnessed By

C. Whitley

30. List Attachments

Log, Inclination Report, Directional Survey

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 4/2/01

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

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates 2841
T. 7 Rivers _____
T. Queen 3646
T. Grayburg 4035
T. San Andres 4317
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northeastern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 4225 to 4570
No. 2, from _____ to _____
No. 3, 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
2841	4035	1194	Mixed anhydrite & silt, with minor dolomite				
4035	4225	190	Mixed anhydrite, dolomite, and silt				
4225	4317	92	Mixed silt & dolomite with minor anhydrite				
4317	4570	253	Dolomite				