

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501WELL COMPLETION OR RECOMPLETION REPORT AND LOG
API #30-025-30308

5a. Indicate Type of Lease State ☐ Fee ☒	
5. State Oil & Gas Lease No.	
7. Unit Agreement Name N. HOBBS (G/SA) UNIT	
8. Farm or Lease Name SECTION 33	
9. Well No. 433	
10. Field and Pool, or Wildcat HOBBS (G/SA)	
12. County LEA	
19. Elev. Casinghead -----	
25. Was Directional Survey Made YES	
27. Was Well Cored NO	

TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

Name of Operator

SHELL WESTERN E&P INC.

Address of Operator

P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)

Location of Well (SURFACE/BOTTOMHOLE)

WIT LETTER I LOCATED 1847/1867 FEET FROM THE SOUTH LINE AND 985/360 FEET FROM

EAST LINE OF SEC. 33 TWP. 18S RGE. 38E HMPM

15. Date Spudded

4-16-88

16. Date T.D. Reached

4-26-88

17. Date Compl. (Ready to Prod.)

5-19-88 (COMPT)

7-06-88 (RECOMP)

18. Elevations (DF, RKB, RT, GR, etc.)

3631' GR

19. Total Depth

4432' MD

4352' TVD

21. Plug Back T.D.

4384'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0 - 4432'

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

4147' - 4290' (SAN ANDRES)

26. Type Electric and Other Logs Run

RFT, DLL/MSFL/GR, LDT/CNL/GR, CBL/CCL/GR

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14"	CONDUCTOR	53'			-----
9-5/8"	32.3, 36#	1639'	12-1/4"	750 SX CLS "C"	-----
7"	20#	4430'	8-3/4"	800 SX CLS "C" + 350 SX DENS. CLS "C"	-----

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4008'	-----

31. Perforation Record (Interval, size and number)

4057' - 4084' (2 JSPF)

4147' - 4290' (2 JSPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4057' - 4084'	ACD W/1000 GALS 15% HCL
4057' - 4084'	SOZD W/100 SX CLS "C" CMT
4147' - 4290'	ACD W/2000 GALS 15% HCL-NEA + 800# ROCK SALT

33. PRODUCTION

Date First Production 7-06-88		Production Method (Flowing, gas lift, pumping - Size and type pump) SUBMERSIBLE CENTRILIFT PUMP; LENGTH = 32'				Well Status (Prod. or Shut-in) PROD	
Date of Test 7-17-88	Hours Tested 24	Choke Size	Prod'n. For Test Period	Oil - Bbl. 196	Gas - MCF 50	Water - Bbl. 919	Gas-Oil Ratio 255
Flow Tubing Press.	Casing Pressure 30	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 35.0	

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

SOLD

Test Witnessed By

35. List of Attachments

C-104, C-102, DIRECTIONAL SURVEY, LOGS

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.

SIGNED

A. J. FORE

TITLE SUPERVISOR REG. & PERMITS

DATE 7-20-88

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 30 through 34 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 (MD)		Northwestern New Mexico	
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1667'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2697'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2909'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3441'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3793'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4047'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____
 No. 5, from _____ to _____
 No. 6, 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
 No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	900	900	REDBEDS & SANDSTONE				
900	1542	642	ANHYDRITE				
1542	2387	845	ANHYDRITE, SALT & SHALE				
2387	2788	401	SHALE, SALT, SAND & ANHY				
2788	3369	588	ANHYDRITE, SHALE & SAND				
3369	3732	363	ANHYDRITE & SHALE				
3732	3940	208	SHALE, SAND & DOLOMITE				
3940	4432	492	DOLOMITE				