

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

LEASE DESIGNATION AND SERIAL NO.

NM 04411

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Hamilton Federal No. 3

9. API WELL NO.

30-025-32184

10. FIELD AND POOL, OR WILDCAT

West Lovington Strawn

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 33
T-15-S, R-35-E

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

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. REVR. ☐ Other ☐

2. NAME OF OPERATOR

Charles B. Gillespie, Jr.

3. ADDRESS AND TELEPHONE NO.

P.O. Box 8 Midland, TX 79702 (915) 683-1765

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1880 FSL & 2080 FWL Section 33, T-15-S, R-35-E

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

30-025-32184

DATE ISSUED

8-16-93

15. DATE SPUDDED 8-17-93 16. DATE T.D. REACHED 9-18-93 17. DATE COMPL. (Ready to prod.) 11-3-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3982.9 GR 4004 KB 19. ELEV. CASINGHEAD 3982.9 GR

20. TOTAL DEPTH, MD & TVD 11870 21. PLUG, BACK T.D., MD & TVD 11761 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,556 - 11,600' Strawn 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT/GR, BHCSL, DLL/MFSL, CCL

27. WAS WELL CORRED

YES

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	390	17 1/2"	525 SX Class "C" Circ 25 SX	
8 5/8	32	4721	11"	1580 SX Class "C" Circ 225 SX	
5 1/2	17	11,834	7 7/8"	738 SX Class "H" TOC 8480	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	11,600	11,468

31. PERFORATION RECORD (Interval, size and number)

11,556 - 11,600' w/2 spf, .51" diameter, total 78 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 11-3-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 11-4-93 HOURS TESTED 24 CHOKE SIZE 20/64 PROD'N. FOR TEST PERIOD 484 OIL—BBL. 484 GAS—MCF. 958 WATER—BBL. -0- GAS-OIL RATIO 1979

FLOW. TUBING PRESS. 1100# CASING PRESSURE PKR CALCULATED 24-HOUR RATE 484 GAS—MCF. 958 WATER—BBL. -0- OIL GRAVITY-API (CORR.) 43

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

ACCEPTED FOR RECORD

TEST WITNESSED BY

Mr. Albert Hobbs

35. LIST OF ATTACHMENTS

Electric Logs, Deviation Surveys

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

CARLETON, NEW MEXICO

DATE 11-9-93

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Strawn	11,512'	11,624'	Limestone, oil and gas Core #1 (Strawn) 11,542-11-582' Recovered 37' of vugular limestone. Core #2 (Strawn) 11,582-11,595' Recovered 12' of vugular limestone. DST #1 (Strawn) 11,520-11,595' Tool open 1 hr. 5 min. GTS in 10 mins. OTS in 20 mins., Flowed 47 bbls. oil on 1/2" choke with 840# surface pressure. Reversed out 23 bbls. oil. Total recovery 70 bbls. oil. Sample chamber recovered 2.82 ft³ gas and 1150 c.c. oil @ 2225 psig. Gravity 420 C 600 F, BHT 1650 F. IHP 5472#, IF 2298-2353#/5 min., ISI 3623#/60 min., FF 2187-3320#/50 min., FSI 3523#/225 min., FH 5472#.

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38. LITHOLOGIC MARKERS

	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1827'	1827'
Salado	1927'	1927'
Yates	3030'	3030'
Queen	3892'	3892'
San Andres	4690'	4690'
Glorieta	6510'	6510'
Tubb	7400'	7400'
Abo	8114'	8114'
Wolfcamp	9680'	9680'
Pennsylvanian	10,878'	10,878'
Strawn	11,498'	11,498'
Atoka	11,814'	11,814'