

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

88240 NM 14497

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Diamond 5 Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat /Delaware/

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

Sec. 5, T25S, R34E

12. COUNTY OR PARISH
Lea

13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Temporarily Aband

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR
HNG OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. Box 2267, Midland, Texas 79702

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

At surface 660' FNL & 2310' FEL

At top prod. interval reported below

Same

At total depth
Same

14. PERMIT NO.

DATE ISSUED

4/9/84

15. DATE SPUDDED 4-29-84 16. DATE T.D. REACHED 5-6-84 17. DATE COMPL. (Ready to prod.) 5-23-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3409.7' GR 19. ELEV. CASINGHEAD 3409.7'

20. TOTAL DEPTH, MD & TVD 5583 21. PLUG, BACK T.D., MD & TVD 5520 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5330 - 5354 25. WAS DIRECTIONAL SURVEY MADE No 27. WAS WELL CORED No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog, Comp. Neutron-Litho Density

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	600'	12-1/4"	250 lite & 150 C1 C	Circulated
5-1/2"	15.5#	5578'	7-7/8"	425 lite & 425 C1 C	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5244'	5244'

31. PERFORATION RECORD (Interval, size and number)

5330 - 5354 (25 .38")

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5330-5354	2000 gals 15% NeFe

33.* PRODUCTION

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

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. WATER—BBL. GAS—OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF WATER—BBL. OIL GRAVITY-API (CORR.)

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

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs and Inclination Survey

CARLSBAD, NEW MEXICO

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

SIGNED Betty Gildon TITLE Regulatory Analyst

DATE 11/20/85

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

(TA)
M

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	0	1400	Redbeds	Rustler B/Salt Delaware	1107	
Rustler	1400	3775	Salt		5005	
Rustler	3775	5180	Anhy, Salt		5275	
Delaware	5180	5583	Lime			
Delaware	5583	TD	Lime, Sand			

38. GEOLOGIC MARKERS

RECEIVED
DEC 9- 1985
O.C.D.
HOBBS OFFICE