

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-)

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

LEASE DESIGNATION AND SERIAL NO.

NM - 17215

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Husky Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Diamond Mound - Grayburg

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

Sec. 17, T-16-S, R-27-E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒

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

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 552, Midland, Texas 79702

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

At surface 660' FNL & 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. 535 DATE ISSUED

CARLSBAD, NEW MEXICO

15. DATE SPUDDED 5/15/81 16. DATE T.D. REACHED 6/16/81 17. DATE COMPL. (Ready to prod.) Recompl: 8-9-87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR: 3490' KB: 3508' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8640' 21. PLUG, BACK T.D., MD & TVD 2497' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY Rotary Tools All Cable Tools

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

2066'-2497' Grayburg

No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

*Temperature Survey run after squeeze - Top of cement 1200'

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	40	395'	17-1/2"	422 sx. Cl. "C"	None
8-5/8"	24	1500'	12-1/4"	700 sx. Cl. "C"	None
5-1/2"	15.5 & 17	8640'	7-7/8"	1315 sx. Cl. "C"	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1959'	1959'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

2066', 69, 71, 76, 78, 93, 95, 97, 2106',
10', 16, 30, 2465', 67, 70, 74, & 2476'
2 JSPF, 36 holes, .41" dia.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Attachment No. 1	

33.* PRODUCTION

DATE FIRST PRODUCTION 8-8-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swab WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-11-87	10			0	0	166	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	-		0	0	398	-	

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

Ralph Skinner, Jr.

35. LIST OF ATTACHMENTS

Form 3160-5

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

SIGNED

Eric M. Pungel

TITLE

Engineer

DATE

Aug. 11, 1987

*(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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			FILED PREVIOUSLY			

Marathon Oil Company
Husky Federal Well No. 1

Attachment No. 1
Acid, Shot, Fracture, Cement Squeeze, Etc.

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
5820'	CIBP w/ 20' cement on top
3100'-1900'	GR-CBL-CCL
2500'	4 JSPF - 4 holes (Squeeze holes)
2500'	Cement retainer
* 2500'-1200'	400 sx. Cl. "C" w/ 6 lb./sx. salt and 3/10% CFR-3
2497'-Surface	Temperature Survey - Top of cement 1200'
2465'-2476'	1000 gal. 15% NEFE-HCl w/ 15 ball sealers for divert
2066'-2130'	2000 gal. 15% NEFE-HCl w/ 36 ball sealers for divert