

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

N.M. Oil Ops. Division
811 S. 1st St.
Artesia, NM 88210-2824

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

151

5. LEASE DESIGNATION AND SERIAL NO.

1-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**INDIAN HILLS UNIT
NM 70964**

8. FARM OR LEASE NAME, WELL NO.

INDIAN HILLS UNIT #27

9. API WELL NO.

30-015-31406

10. FIELD AND POOL, OR WILDCAT

**INDIAN BASIN UPPER PENN
ASSOCIATED GAS POOL**

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

SECTION 29, T-21-S, R-24-E

12. COUNTY OR PARISH

EDDY COUNTY

13. STATE

NM

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 DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS AND TELEPHONE NO.
P.O. Box 552 Midland, TX 79702 800-351-1417

4. LOCATION OF WELL (Report location clearly and in accordance with (49) State requirements)*
At surface
UL "C", 503' FNL & 2310' FWL

At top prod. interval reported below

At total depth
UL "B", 1313' FNL & 1332' FWL

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED **11/13/00** 16. DATE T.D. REACHED **12/9/00** 17. DATE COMPL. (Ready to prod.) **1/9/01**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
KB-3726', GL-3698'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **8525' MD, 8165' TV** 21. PLUG, BACK T.D., MD & TVD **8479' MD, 8121' TVD**

22. IF MULTIPLE COMPL., HOW MANY* _____

23. INTERVALS DRILLED BY **ALL** ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
7820'-8046' MD, 7504'-7715' TVD, UPPER PENN

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
PLATFORM EXPRESS 3-DETECTOR LITHO-DENSITY, CN/NGT, HIGH RES. LATEROLOG ARRAY/NGT

27. WAS WELL CORED
NO

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" K-55	54	1400'	17.5"	2100 SX & 28 YDS PEA GRAVEL	TO SURFACE
9-5/8" L-80, K-55	40 & 43.5	8524'	12.25"	1950 SX, CIRC. 68 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					3-1/2"	8383'	RBP-8383'

30. TUBING RECORD

31. PERFORATION RECORD (Intervals, size and number)
7820'-7836', 5 SPF
7980'-8000', 8034'-8036', 5 SPF

ADDED FOR RECORD
FEB 26 2001

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7944'-8046'	10,000 GALS 15% CCA SOUR HCL ACID
7820'-7908'	17,600 GALS 15% CCA SOUR HCL ACID

33.* PRODUCTION

DATE FIRST PRODUCTION **1/24/01** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **SUB PUMP** WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST **2/01/01** HOURS TESTED **24** CHOKER SIZE _____ PROD'N FOR TEST PERIOD **0** OIL - BBL. **942** GAS - MCF. **2201** WATER - BBL. **n/a** GAS - OIL RATIO

FLOW. TUBING PRESS. **250** CASING PRESSURE **220** CALCULATED 24-HOUR RATE _____ OIL - BBL. _____ GAS - MCF. _____ WATER - BBL. _____ OIL GRAVITY - API (CORR.) **n/a**

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

35. LIST OF ATTACHMENTS
DIRECTIONAL SURVEY & LOGS

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

SIGNED Gunny Lark TITLE **Engineer Technician** DATE **2/13/01**

*(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):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
UPPER PENN	7608	8219	DOLOMITE, LIMESTONE, SHALE: GAS & WATER	SAN ANDRES	658	658
				GLORITTA	2319	2315
				YESO	2440	2433
				BONE SPRING	4971	4820
				3RD BONE SPRG SMD	6681	6429
				WOLF CAMP	6822	6560
				UPPER PENN	7608	7302
STRAWN	8356	7995				

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