

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Div.
811 S. 1ST ST.
ARTESIA, NM 88210-2834

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

LEASE DESIGNATION AND SERIAL NO.

LC 064391-B

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

INDIAN HILLS UNIT

NM NM 70964X

FARM OR LEASE NAME, WELL NO.

INDIAN HILLS UNIT

#21

API WELL NO.

30-015-30811

FIELD AND POOL, OR WILDCAT

INDIAN BASIN UPPER PENN
ASSOCIATED GAS POOLSEC., T., R., M., OR BLK.
AND SURVEY OR AREA

SECTION 20, T-21-S, R-24-E

COUNTY OR
PARISH

EDDY

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

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

At surface

UL "M" 800' FSL & 660' FWL

At top prod. interval reported below

SAME AS ABOVE

At total depth

SAME AS ABOVE

14. PERMIT NO.

DATE RECEIVED

15. DATE SPUDDED

4/4/00

16. DATE T.D. REACHED

5/25/00

17. DATE COMPL. (Ready to prod.)

6/17/00

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

GL-3749', DF-3776', KB-3777'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8305' MD & TVD

21. PLUG, BACK T.D., MD & TVD

8258'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

ALL

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

7482' - 7496' UPPER PENN

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

NGR SPECTROSCOPY, PLATFORM EXPRESS HIGH RES. LATEROLOG ARRAY, & PLATFORM EXPRESS CNL

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
20"	CONDUCTOR	15'		CMT TO SURFACE	
13-3/8" J-55	54.5	1208'	17.5"	650 SX TOPPED OUT W/160 SX	NOT CIRC.
9-5/8" J-55	43.5 & 40.5	8305'	12.25"	2300 SX, CIRC 154 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					3-1/2"	7348'	

31. PERFORATION RECORD (Interval, size and number)

4SPF FROM 7482' - 7496'

(ORIG. SGD.) GARY COURLEY

BLM

32. ACID SHOT, FRACTURE CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION

6/17/00

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

FLOWING

WELL STATUS (Producing or shut-in)

PRODUCING

DATE OF TEST

6/23/00

HOURS TESTED

24

CHOKE SIZE

PROD'N. FOR
TEST PERIOD

OIL - BBL.

12

GAS - MCF.

3453

WATER - BBL.

747

GAS - OIL RATIO

287,750

FLOW. TUBING PRESS

190

CASING PRESSURE

670

CALCULATED
24-HOUR RATE

OIL - BBL.

GAS - MCF.

WATER - BBL.

OIL GRAVITY - API (CORR.)

41.5

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

SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

INCLINATION SURVEYS & LOGS

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

SIGNED

Garry Courley

TITLE Engineer Technician

DATE 7/6/00

*(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
CISCO	7538	7546	POROUS DOLOMITE	SAN ANDRES	694'	
CISCO	7554	7566	POROUS DOLOMITE	GLORIETA	2326'	
CISCO	7590	7602	POROUS DOLOMITE	YESO	2477'	
CANYON	7616	7632	POROUS DOLOMITE	BONE SPRING	4582'	
CANYON	7642	7656	POROUS DOLOMITE	3RD BONE SPRG SMD	6484'	
CANYON	7762	7768	POROUS DOLOMITE	WOLFCAMP	6526'	
				CISCO	7439'	