

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

(See Instructions on
reverse side)
Artesia, NM 86210

LEASE DESIGNATION AND SERIAL NO.

USA NM 105551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other RECEIVED

b. TYPE OF COMPLETION: NEW WELL ☒ 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 1650' FWL & 330' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO. 30-015-26324 DATE ISSUED 10-31-89

5. FARM OR LEASE NAME
North Indian Basin Unit

9. WELL NO. 8

10. FIELD AND POOL, OR WILDCAT
Indian Basin (Morrow)

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
Sec. 9, T21S, R23E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 4-4-90 16. DATE T.D. REACHED 4-29-90 17. DATE COMPL. (Ready to prod.) 5-17-90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3973' GL 19. ELEV. CASINGHEAD 3973' GL

20. TOTAL DEPTH, MD & TVD 9303' MD 21. PLUG, BACK T.D., MD & TVD 9251' 22. IF MULTIPLE COMPL., HOW MANY* Two 23. INTERVALS DRILLED BY Rotary 24. ROTARY TOOLS All 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Morrow 9167'-9185'

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CBL-CCL, DLL-MSFL, GR-DIL, GR-CNL-LDT, NGT

27. WAS WELL CORRED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	190'	17 1/2"	280 sx "C" circ.	
8 5/8"	24#	2000'	11"	735 sx "C" circ.	
5 1/2"	17# & 15.5#	9300'	7 7/8"	1930 sx "H" circ.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	9110'	9110'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)
Morrow 9167'-9185' w/6 JSPF (total 96 holes)

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

DEPTH INTERVAL (MD) 9167'-9185' AMOUNT AND KIND OF MATERIAL USED Perf 6 JSPF (total 96 holes)

33. PRODUCTION

DATE FIRST PRODUCTION 6-4-90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 6-4-90 HOURS TESTED 4 CHOKER SIZE -- PROD'N. FOR TEST PERIOD 0 OIL—BBL. 417 GAS—MCF. 0 WATER—BBL. -- GAS-OIL RATIO --

FLOW. TUBING PRESS. 2698 CASING PRESSURE 0 CALCULATED 24-HOUR RATE 0 OIL—BBL. 2500 GAS—MCF. 0 WATER—BBL. -- OIL GRAVITY-API (CORR.) --

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

35. LIST OF ATTACHMENTS

Inclination Report; Note: Logs submitted w/Upper Penn Completion Package

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

SIGNED J. R. Jenkins TITLE Hobbs Production Sup't. DATE 9-5-90

*(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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Queen	Surf.	165'	Limestone			
Grayburg	165'	460'	Limestone & Anhydrite			
San Andres	460'	1976'	Dolomite			
Glorieta	1976'	2076'	Sand & Dolomite			
Clearfork	2076'	3252'	Dolomite			
Bone Spring	3252'	5339'	Limestone			
Basal Leonardian	5339'	5611'	Deepwater Fine-grained Sand			
Wolfcamp	5611'	7250'	Deepwater Lime & Shale			
Cisco (Smitty)	7250'	7275'	Lime, Shale, Dolomite			
Upper Penn Lime	7275'	7381'	Lime over Dolomite; partly			
(Reservoir Top)			Depleted Gas Reservoir			
Upper Penn (Dolo)	7381'	7742'	Better Reservoir Facies			
Canyon	7742'	7778'	Shale & Lime			
Strawn	7778'	8510'	Lime w/Shale Stringers			
Atoka	8510'	8801'	Shale w/Lime Stringers			
Morrow "C" or						
"Bend Lime"	8801'	9016'	Lime w/Sand Stringers			
Morrow "B"	9016'	9073'	Semi-Consolidated Sand & Shale			
Morrow "A"	9073'	9165'	Semi-Consolidated Sand & Shale			
Morrow Basal "A"	9165'	9187'	Sand: 22' gross; 12' net			
Gas Pay			LKG: 5200			
Mississippian or						
"Barnett"	9187'	9303'	Shale			
Loggers T.D.	9303'		In shale			