

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

OIL CONS. COMMISSION
FORM APPROVED
DD OMB NO. 1004-0137
Expires February 28, 1995
3. LEASE DESIGNATION AND SERIAL NO.
NM-04827-B

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Marathon Oil Company		8. FARM OR LEASE NAME, WELL NO. MOC FEDERAL 5	
3. ADDRESS AND TELEPHONE NO. P.O. Box 552, Midland, TX 79702 915/682/1626		9. API WELL NO. 30-015-28117	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface UL "F" 1650' FNL & 1650' FWL At top prod. interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT S.DaggerDraw/UpperPenn	
14. PERMIT NO. 30-015-28117		DATE ISSUED 9/19/94	12. COUNTY OR PARISH Eddy
13. DATE SPUDDED 11/22/94		16. DATE T.D. REACHED 12/13/94	17. DATE COMPL. (Ready to prod.) 1/14/95
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL:3685 KB:3700.8		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7975		21. PLUG, BACK T.D., MD & TVD 7980	22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY →		ROTARY TOOLS All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7701-7783 South Dagger Draw / Upper Penn		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MSFL/GR/CAL-LDS/APS/HNGS/GR/CAL/FMI-CMR/EPT- DIELECTRIC & IMAGING		27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
16"	Conductor	72'	20"
9 5/8"	36#	1205'	12 1/4"
7"	26# & 23#	7979	8 3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8"	7851'	None	
31. PERFORATION RECORD (Interval, size and number)			
7783-7768 2 JSPF .5"			
7701-7731 2 JSPF .5"			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7768-7783		1500 Gallons 15% HCL	
7731-7701		3900 Gallons 15% HCL	
33. PRODUCTION			
DATE FIRST PRODUCTION 1/14/95		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2" X 1 3/4" Insert Pump	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 1/17/95	HOURS TESTED 24	CHOKE SIZE None	PROD'N. FOR TEST PERIOD →
OIL - BBL. 470	GAS - MCF. 797	WATER - BBL. 343	GAS - OIL RATIO 1696
FLOW. TUBING PRESS. 140	CASING PRESSURE 150	CALCULATED 24-HOUR RATE →	OIL - BBL. 470
GAS - MCF. 797	WATER - BBL. 343	OIL GRAVITY - API (CORR.) 42.5	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Tim Winters	
35. LIST OF ATTACHMENTS Inclination Survey. Logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Thomas M Price		TITLE ADV. ENG. TECH	
DATE 1/23/95			

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUP VERT. DEPTH
QUEEN	0	555	SANDSTONE, DOLOMITE	QUEEN	0	
SAN ANDRES	555	2150	DOLOMITE, LIMESTONE	SAN ANDRES	555	
GLORITTA	2150	2260	SANDSTONE, DOLOMITE	GLORITTA	2150	
YESO	2260	3760	DOLOMITE, SANDSTONE, LIMESTONE	YESO	2260	
BONE SPRINGS	3760	5988	LIMESTONE, SHALE, SANDSTONE	BONE SPRING	3760	
WOLFCAMP	5980	7455	SHALE, LIMESTONE, SANDSTONE	WOLFCAMP	5980	
UPPER PENN	7455	7957	DOLOMITE, LIMESTONE, SHALE	UPPER PENN	7455	
LOGGERS TD	7975			LOGGER TD	7975	
	7506	7781	CORED INTERVAL (DOLOMITE, LIMESTONE, SHALE)			

WELL NAME AND NUMBER MOC Federal #5

LOCATION Sec. 1, T21S, R23E, Eddy County, NM

(Give Unit, Section, Township and Range)

OPERATOR Marathon Oil Company

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth

1/2 204

1/2 474

3/4 740

1 1/2 1006

1 1/4 1205

1 1591

1 2091

1 2585

1 3085

1/2 3500

3/4 3835

1 3/4 4179

2 1/4 4301

2 3/4 4432

3 1/2 4555

Degrees @ Depth

3 1/4 4682

3 3/4 4776

3 1/2 4870

3 3/4 4965

4 1/2 5183

4 1/4 5276

4 1/4 5337

4 5461

3 3/4 5560

3 1/2 5652

3 1/4 5744

3 3/4 5864

3 1/2 5988

3 1/2 6175

3 3/4 6374

Degrees @ Depth

3 3/4 6553

2 6806

1 1/2 7200

3 1/2 7506

3 1/4 7713

2 1/2 7975

DEC 22 1994

RECEIVED
NDOP OPERATIONS

Drilling Contractor: McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 20th day of December, 1994

[Signature]
Notary Public

My Commission Expires: 8-16-97

Lea County New Mexico