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OIL WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Tract 251 -Contract 000154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT

Jicarilla - Pictured Cliffs

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

M Sec 28, T26N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

1. 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 OF OPERATOR

P. O. Box 97, McFadden, Wyoming 82080 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.

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

At surface 1040' FSL, 800' FSL, Sec 28, T26N, R5W

NE SW SW

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

1/8/67

16. DATE T.D. REACHED

1/21/67

17. DATE COMPL. (Ready to prod.)

2/1/67

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

6465 GR, 6478 RKB, All measurements from RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7270 MD

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

7247

22. IF MULTIPLE COMPL., HOW MANY*

Two

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

→

0 - 7270

none

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

Pictured Cliffs Sand top 2813 Base 2894

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray - Density - Caliper; Sidewall Neutron Porosity, Cement Bond log - Gamma Ray

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4	32.75	417	15"	475 sacks cement to surface	none
7 5/8	26.40	3033	9 7/8	600 " " " "	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2", 11.60'	2928	7269	215	none	2 3/8	2819	6970

31. PERFORATION RECORD (Interval, size and number)

2848-2852, 2863-2874 and 2878-2882, total of 19' with 38 McCullough Super Dyna Jets

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2848 - 2882	50000# 10-20 sand-water frac treatment

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) waiting for pipeline connections	
2/16/67		Flowing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. Not measured	GAS—MCF. 2040	WATER—BBL. - - -	GAS-OIL RATIO - - -
2/16/67	3	3/4	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. Not Measured	GAS—MCF. 2040	WATER—BBL. - - -	OIL GRAVITY-API (CORR.) - - -	
157	320	→					

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

Vented during test (AOF 2410)

TEST WITNESSED BY

Neil Iefteller, Farmington, NM

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Area Superintendent

DATE

MAR 27 1967

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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	TRUE VERT. DEPTH
Pictured Cliff	2618	2894	Sand zones in this interval are gas productive	Pictured Cliff	2818	
Graneros Sand	6996	7093	Sand zones in this interval are gas productive	Lewis Shale Chacra Cliff House Graneros Shale Michener	2894 3710 4518 5212 6110	
Lakota	7093	7236	Sand zones in this interval are gas productive	Sanastee Greenhorn Graneros Formation Graneros Sand Lakota Sand Morrison	6612 6920 6970 6996 7093 7236	