



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.

8

10. FIELD AND POOL, OR WILDCAT

Jicarilla Basin Dakota

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

NE SE SE

Sec 27, T26N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

OIL 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 OF OPERATOR

P. O. Box 97, McRadden, Wyoming 82080

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

At surface 990' FSL, 990' FSL, Sec 27, T26N, R5W, NW 1/4 SE 1/4

Unit Letter P

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE REACHED

12/19/66

16. DATE T.D. REACHED

12/26/66

17. DATE COMPL. (Ready to prod.)

1/24/67

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

6660 Grd - 6673 KB All measurements from AB

20. TOTAL DEPTH, MD & TVD

7520

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

7493

22. IF MULTIPLE COMPL., HOW MANY*

Single Completion

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - 7520

CABLE TOOLS

none

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

Graneros Sand perforations 7258-7262 and Dakota Sand perforations 7354-56, 7387-90, 7391-94, 7398-7402, 7421-24, 7430-33, 7437-39, 7477-80, 7482-84 and 7487-90

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Correlation; Gamma Ray - Formation

Density - Caliper; Induction & Cement Bond - 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
1955 10 3/4	32.75	169	15"	125 sacks Surface	None
" 7	20.00	3070	9"	100 sacks 2340'	None
" 4 1/2	11.60	7511	6 1/4"	343 sacks 2975'	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8"	7264	None

31. PERFORATION RECORD (Interval, size and number)

7354-56, 7387-90, 7391-94, 7398-7402, 7421-24, 7430-33, 7437-39, 7477-80, 7482-84, 7487-90 & 7258-7262

64 Schlumberger Hyper Super Jets - 2 Holes Per Foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7421 - 7490	500 Gal Mud Acid-60000# 20-40 sand mixed 1/2 to 1 1/4" per gal slick water
7258 - 7402	500 Gals Mud Acid

33.* PRODUCTION

DATE FIRST PRODUCTION 1-24-67 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in as of 3/1/67 until pipeline connection is made.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. Measured	GAS—MCF. Rate	WATER—BBL. Measured	GAS-OIL RATIO
1/24/67	3 hr.	3/4"	→	2189 MCFD	2189 MCFD	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
169 psig	583 psig	→	---	2189 MCFD	---	---	

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

Vented during test

Calculated ACF = 2288 MCFD

TEST WITNESSED BY Neil Tefteller of Tefteller, Inc. Farmington New Mexico

35. LIST OF ATTACHMENTS

Test and pressure Data

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

March 7, 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 83, 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.)

No cores or drill stem tests

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
Graneros	7256	7266	Sand - gas production	Chapra	3956
Dakota	7354	7516	Sand - gas production	Mesa Verde	4760
Pictured Cliffs	3066	3170	Depleted gas sand	Mancos Shale	5460
				Basal Niobrara	6622
				Greenhorn Lime	7175
				Graneros	7256
				Dakota	7354
				Morrison	7516