

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
Tract 251 Contract 0001546. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. PERMIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache

9. WELL NO.

18

10. FIELD AND POOL, OR WILDCAT

Blanco P. C. South

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

Sec. 28, T26N, R5W

12. COUNTY OR

PARISH
Rio Arriba

13. STATE

New Mexico

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 2659, Casper, Wyoming 82602

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

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

At surface 1,450' FSL & 790' FEL, Section 28, T26N, R5W

Unit Letter I
At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10-18-76

16. DATE T.D. REACHED

10-23-76

17. DATE COMPL. (Ready to prod.)

11-21-76

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

6,665' GL, 6,677' KB

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

3,215'

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

3,176'

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

ROTARY TOOLS

0' to TD

CABLE TOOLS

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

3,094' - 3,102' Pictured Cliffs

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, FDC/CNL - GR, CBL/GR

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
8-5/8"	24# K-55	242'	12-1/4"	190 Sacks to surface	None
4-3/4"	16# J-55	3,210'	7-7/8"	800 Sacks to surface	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2-3/8"	3,111'	None

31. PERFORATION RECORD (Interval, size and number)

3,094' to 3,102' w/24 Hyper II Jet
Holes/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3,094'-3,102'	Sand frac w/3000# of 20-40 mesh sand followed by 6300# of 10-20 mesh sand

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-20-76	3 Hrs.	3/4"	→	0	176	0	0
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
105	275	→	0	1,410	0	0	

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

Vented During Test

TEST WITNESSED BY

Eric Nelson - Marathon Oil Co

35. LIST OF ATTACHMENTS

Test Report

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

SIGNED

Paul A. Johnson

TITLE

District Operations Manager

DATE

December 13, 1976

*(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 23, 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 25.

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: "Seals 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Kirtland Shale	2,692'	2,888'	Shale	Kirtland	2,692'	
Fruitland	2,888'	2,928'	No Sand Development	Fruitland	2,888'	
Pictured Cliffs	3,084'	3,114'	Gas Sand	Pictured Cliffs	3,114'	