

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 000154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache

9. WELL NO.

20

10. FIELD AND BLOCK, OR WELL NO.

So. Blanco Pictured Cliffs

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

Sec. 27, 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, WY 82602

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

At surface 850' FSL & 850' FWL Sec. 27, T26N, R5W Unit M

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

8-8-78

8-12-78

10-17-78

6674' GL & 6686' KB

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

4100'

4052'

Two

0'-4100'

Pictured Cliffs 3074'-81', 3104'-24', Chacra 3957'-65'

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

SP-DIL FDC/CNL-GR, GR-CBL-VDL

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#	239.27'	12-1/4"	200 sacks	None
4-1/2"	10.5#	4100.00'	7-7/8"	700 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2-3/8"	3403'	3380'

31. PERFORATION RECORD (Interval, size and number)

See Reverse Side

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

See Reverse Side

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10-10-78	Back Press. (Chacra) Back Press. (Pictured Cliffs)	SI Waiting on Hookup
10-10-78	3 Chacra 3/4"	
10-17-78	3 P.C. 3/4"	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE

See Reverse Side

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

To Be Sold

TEST WITNESSED BY

E. Nelson, MOC

35. LIST OF ATTACHMENTS

None

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

SIGNED

Harry Magnus

TITLE District Operations Manager

DATE 11-22-78

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

SECTION

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 log, area, or record 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 a well prior to the time this summary report is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, etc.), formation logs, and pressure logs, 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 37.

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.)

Perfs: Pictured Cliffs 3074'-3081'/29 shots, 3-1/8" Hollow carrier casing, gun, 12 gm charges Frac: Pictured Cliffs w/16,000 gals 70% Westfoam 223,235 SCF of N2, 2000# of 20-40 sand, 13,500# of 10-20 sand.

Chacra 3104'-3124' 3957'-3965'/ 9 shots, 3-1/8" Carrier casing gun w/Jumbo Jets Chacra w/11,000 gals 70% Westfoam 225,225 SCF of N2, 1000# of 20-40 sand, 13,500# of 10-20 sand.

37. SUMMARY OF FORMS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORDED INTERVALS, AND ALL DAILY-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURTAIN USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TIME PERIOD
Pictured Cliffs	3074'	3124'	Gas	Kirtland	2604	3074
Chacra	3957'	3965'	Gas			

Pressures: FCP 50 psi SITP 971 psi (Chacra is being produced through tubing)