

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER	5. LEASE DESIGNATION AND SERIAL NO. Tract 251 Contract 000154
2. NAME OF OPERATOR Marathon Oil Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR P. O. Box 2659, Casper, Wyoming 82602	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 790' FNL & 1850' FEL, Sec. 28, T26N, R5W, Unit B	8. FARM OR LEASE NAME Jicarilla Apache
14. PERMIT NO.	9. WELL NO. 19
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6483' GL 6494' KB	10. FIELD AND POOL, OR WILDCAT Blanco P.C. South & Otera
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Chacra
	Sec. 28, T26N, R5W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☒	ABANDONMENT* ☐
(Other) ☐ Well Summary	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-23-77 Spudded well at 1:00 a.m., 8-23-77.

8-24-77 Ran 8-5/8" Surface Casing, 24#, K-55, set at 264.37' KB, cemented to surface with 225 sacks.

8-25-77 Drilling.

to
8-30-77

8-31-77 Reached T.D. 3950'. Ran 4-1/2" Production Casing, 10.5#, K-55, set at 3952.83' KB, cemented with 700 sacks. (Rig released 6:00 a.m., 8-31-77).

9-1-77 Waited on completion equipment.

to
9-22-77

9-22-77 SEE Reverse side for Perforations and Fracturing. Plugged Back Total Depth 3916'.
to A total of 15 centralizers were set at 3917', 3872', 3828', 3784', 3740', 3697',
10-19-77 3660', 3104', 3063', 3019', 2976', 2932', 2888', 2846', 2808'.

10-20- to 12-8-77 Ran 2-3/8" tubing, 4.7#, J-55, EUE to 3622'. Baker Retrieve "DB" Packer

18. I hereby certify that the foregoing is true and correct at 3600'.

SIGNED B. E. Yester TITLE District Operations Manager DATE December 9, 1977

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Status of well as of 12-8-77, waiting on return of Application for Multiple Completion (NM Form C-107) Tefteller to run Packer Leakage Test and well test.

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; and other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Perforations

Chacra 3788' - 3800' w/1 shot/ft. using 3-3/8" Hyper II Jets
Sand 3878' - 3885'

GPO 680-160

Sand Frac (Chacra)

Faced well using 70% N₂ and 30% KCl water as follows:

2000 gals pad of foam, 4000 gals w/1-1/2" ppg 20-40 sand, 2000 gals w/1-3/4" ppg 10-20 sand, 4000 gals w/2" ppg 10-20 sand, 2000 gals w/2-1/2" ppg 10-20 sand and washed w/2075 gallons foam. Used a total of 22,000# of sand and 265,000 SCF of N₂.

Perforations

Pictured Cliffs Sand 2882' - 2890' w/1 shot/ft. using 3-3/8" Hollow Carrier Hyper II Jets
2904' - 2916' (Lost 4 port covers in hole)
2928' - 2948'

Sand Frac (Pictured Cliffs)

Faced w/7% foam down casing, pumped 250 gallons 7-1/2% HCl followed by 2100 gals foam pad.

2000 gals w/1/2" ppg 20-40 sand, 3000 gals w/1" ppg 20-40 sand, 2000 gals w/1-1/2" ppg 10-20 sand, 1000 gals w/2" ppg 10-20 sand and 1100 gals spacer, dropped 15 balls.

Pumped 2100 gals of Foam Pad.

2000 gals w/1/2" ppg 20-40 sand, 3000 gals w/1" ppg 20-40 sand, 2000 gals w/1-1/2" ppg 10-20 sand and 1100 gals spacer, dropped additional 15 balls.

Pumped 2100 gals of Foam Pad.

2000 gals w/1/2" ppg 20-40 sand, 3000 gals w/1" ppg 20-40 sand, 2000 gals w/1-1/2" ppg 10-20 sand, 1000 gals w/2" ppg 10-20 sand.

Flushed with 2100 gals of Foam, used a total of 27,000# of sand, 450,000 SCF of N₂.