

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☐ well ☐ other ☒ Drilling

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. See space 17 below.)
AT SURFACE: 1,685' FSL & 1,685' FEL, Unit J
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐	☐
FRACTURE TREAT ☐	☐
SHOOT OR ACIDIZE ☐	☐
REPAIR WELL ☐	☐
PULL OR ALTER CASING ☐	☐
MULTIPLE COMPLETE ☐	☐
CHANGE ZONES ☐	☐
ABANDON* ☐	☐
(other) ☒ Change in production casing string	

5. LEASE
Contract 154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Apache

9. WELL NO.
12E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 33, T26N, R5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.
30-039-22590

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6,573 GL, 6,586' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

We propose to change our production casing string as originally submitted in our NTL-6, to the following:

See Attached



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct Drilling
SIGNED ME HUGH TITLE Superintendent DATE 11-5-81

(This space for Federal or State office use)
APPROVED BY Don Elliott TITLE Geological Engineer DATE 11-16-81
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

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; mud or 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.

The Proposed Casing Program:

Casing Design:

CASING STRING	HOLE SIZE	INTERVAL	SECTION LENGTH	SIZE (OD)	WEIGHT, GRADE AND JOINT	NEW OR USED	MUD WEIGHT	1000# TENSION LOAD	Sft.	SF _c	SF _b
Production	7-7/8"	0'-5,450'	5,450'	4-1/2"	10.5#, K-55, STC	New	9.3	80.5	1.64	1.52	2.32
		5,450'-7,465'	2,015'	4-1/2"	11.6#, K-55, STC	New	9.3	23.3	7.27	1.37	4.86

Cement Program:

1st Stage: Cemented casing with 675 sacks of Light with .8% Fluid Loss followed by 170 sacks of Class B with .8% Fluid Loss. Used 20% Caliper excess volume. Pumped 800 gallons mud flush. Then 10 Bbls H₂O ahead. --- Bbls behind. Slurry weight 12.4#/gallon. 15.8#/gallon. Mixing time 30 minutes. Pumping 35 minutes. Total time 65 minutes. Circulating pressure 200, displacement pressure 800, maximum pressure 1,200 displaced cement with 50/70 bbls of H₂O/Mud with National pump. Bumped plug with 400 psi. Plug down at 7:25 p.m., 10-16-81. Full returns while cementing. Circulated 8 (bbls) sks cement to surface after opening D.V.

2nd Stage: Cemented casing with 800 sacks of 50-50 Poz with 2% gel, 6% KCl, 1% Fluid Loss, .6% Halad-9 followed by --- sacks of --- with ---, ---, --- Bbls behind. Slurry weight 14.7#/gallon. Pumped 800 gallons mud flush. Then 10 bbls H₂O ahead. --- Bbls behind. Slurry weight 14.7#/gallon. --- #/gallon. Mixing time 30 minutes. Pumping time 25 minutes. Total time 55 minutes. Circulating pressure 200, displacement pressure 800, maximum pressure 2,000 displaced cement with --- Bbls. of --- with --- pump. Bumped Plug with 1,200 psi. Plug down at 12:45 a.m., 10-17-81. Full returns while cementing. Circulated --- bbls/sks cement to surface.

