

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

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 2659, Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1850' FNL & 930' FWL, Unit E
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

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

SUBSEQUENT REPORT OF:

(other) Change in Casing & Cementing Program

5. LEASE
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.
12E 13E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 33, T26N, 5W

12. COUNTY OR PARISH 13. STATE
Rio Arriba New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6598' GL

RECEIVED

JUL 25 1980

(NOTE: Report results of multiple completion or zone
U. S. GEOLOGICAL SURVEY Form 9-330.)
FARMINGTON, N. M.

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.)*

The following casing and cementing program revisions are being made in order to cover the Menefee formation at 4695' K.B. (+1905 Datum).

Intermediate casing program:

In order to cover the Menefee, the 7" will be set at 5970'. The design has been changed only by increasing the length of the #23, K-55 section to 1,620'; thus the interval is from 3850' to 5470'. The tension load has been increased to 37,260# and 114,260# for the 23#, K-55 and the 20#, K-55 sections respectively.

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

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

SIGNED Ken Thomas TITLE Drlg. Sup't. DATE July 23, 1980

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

JUL 30 1980

for DISTRICT ENGINEER

NMOCC

Safety factors are:

	S Ft	S Fc	S Fb
20#	2.223	1.130	1.700
23#	8.293	1.210	4.746

Also, if the Chacra is found to be productive, a 4½", K-55, 10.5#, ST & C liner will be run from 5,270' to 7,350' instead of 4,575' to 7,350 still leaving a 200' overlap as planned.

Cementing Program:

The cementing program for the 7" intermediate string will be changed to the following:

. Stage tool with external casing packer at approximately 4,000' K.B.

Stage #1: 150 sx of light cement (Halliburton "Light" or equivalent) with 2% CaCl_2 ; tailed in with 35 sacks Class "B" with 2% CaCl_2 .

Circulate 5 hrs. between stages after opening tool.

Stage #2: 30 sacks of light cement (Halliburton "Light" or equivalent with 2% CaCl_2 . Cement top at 3,300'.

All cement volumes will be calculated from caliper logs plus 20% excess.



Yes