

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 ☐ gas ☒ 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.) 825' FNL & 955' FEL, Unit A  
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:

SUBSEQUENT REPORT OF:

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

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(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.  
16E  
10. FIELD OR WILDCAT NAME  
Basin Dakota  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 34, T26N, R5W  
12. COUNTY OR PARISH  
Rio Arriba  
13. STATE  
New Mexico  
14. API NO.  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6650' GL

RECEIVED

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

U. S. GEOLOGICAL SURVEY  
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 4865' K.B. (+1775' Datum).

Intermediate casing program:

In order to cover the Menefee, the 7" casing will be set at 5600'. The design has been changed only by increasing the length of the 23#, K-55 section to 1850'; thus the interval is from 3750' to 5600' K.B. The tension load has been increased to 48,550# and 123,550# 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 \_\_\_\_\_

NMOCC

\*See Instructions on Reverse Side

Safety factors are:

	<u>S Ft</u>	<u>S Fc</u>	<u>S Fb</u>
20#	2.056	1.137	1.700
23#	6.365	1.181	12.964

Also, if the Chacra is found to be productive, a 4½", K-55, 10.5#, ST&C liner will be run from 5,400 ft. to 7500' instead of 4750 to 7500' 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 4100'K.B.

Stage #1: 150 sacks of light cement (Halliburton "Light" or equivalent) with 2%  $\text{CaCl}_2$ ; tailed in with 35 sack Class "B" with 2%  $\text{CaCl}_2$ .

Circulate 5 hrs. between stages after opening tool.

Stage #2: 25 sacks of light cement (Halliburton "Light" or equivalent) with 2%  $\text{CaCl}_2$ . Cement top at 3600'.

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



gco