

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.)
AT SURFACE: 1,850' FNL, 930' FWL, Unit E
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

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

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Revise Casing and Cementing Program</u>	

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.
13E

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

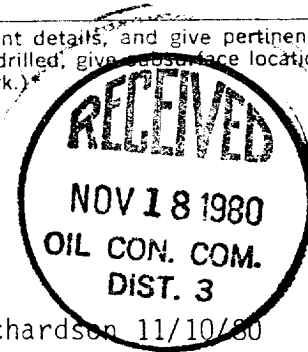
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6598' 6L

(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.)

See attached sheet



Verbal approval from Mr. James F. Sims to Doug Richardson 11/10/80

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

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

SIGNED Dale Caddy TITLE District Operator DATE November 10, 1980

(This space for Federal or State office use)

APPROVED BY Bruce J. Jansky TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: BY DISTRICT ENGINEER

~~OPERATOR~~

NMOCC

The following Casing & Cementing Program Revisions are being made to test the Morrison Formation and economically complete this well.

INTERMEDIATE CASING PROGRAM

The Intermediate Casing Program has been revised, the revisions include the addition of 2220' of 7", 29.0#, N-80, LTC Casing. This will case the hole with 7" pipe to T.D. at 7470' KB. With this addition this string will now become the production casing. Also, 1000' of 7", 23#, K-55 casing will be run from surface to 1000' KB to accomodate the increased tensile load. The revised casing program will be as follows:

DEPTH	SIZE	WT	GRADE	COUPLING	SAFETY FACTORS		
					SF _t	SF _c	SF _b
Surface to 1000' KB	7"	23#	K-55	STC	1.73	4.79	1.61
1000' to 3200' KB	7"	20#	K-55	STC	1.63	1.13	1.60
3200' to 5250' KB	7"	23#	K-55	STC	2.77	1.15	2.82
5250' to 7470' KB	7"	29#	N-80	LTC	9.27	1.92	9.50

CEMENTING PROGRAM

The Cementing Program will now be as follows:

A Stage Collar will be set at ±4100' KB.

Stage #1: 250 sacks of "Light" cement with 6% D-20, 0.8% D-60 and ¼#/sack celloflake followed by 100 sacks of class "B" containing 0.8% D-60 and ¼#/sack celloflake. After opening the stage collar at ±4100' KB circulate for 5 hrs. and proceed as follows:

Stage #2: 200 sacks of "Light" cement with 0.8% D-19 and ¼#/sack celloflake (Estimate top of cement at 2500').

All cement volume will be calculated from cauper logs plus 20% excess. Additive mentioned above are registered to B.J. Hughes. Equivalent additives should be used in the event B.J. Hughes is not selected for the job.