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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
A-2614	

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Marathon Oil Company		8. Farm or Lease Name McDonald State A/C 1-A
3. Address of Operator P.O. Box 2409, Hobbs, New Mexico 88240		9. Well No. 3
4. Location of Well UNIT LETTER <u>E</u> 1980 FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>15</u> TOWNSHIP <u>22-S</u> RANGE <u>36-E</u> NMPM.		10. Field and Pool, or Wildcat South Eunice
15. Elevation (Show whether DF, RT, GR, etc.) GR 3544'		12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <u>Recomplete in Queen zone & treat.</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD 3907'. Spotted 200 gals. of 15% HCL acid over interval to be perforated. Perforated 7" casing from 3831' to 3837' and 3842' to 3854' with 2 JSPF. Total of 38 holes. Loaded casing-tubing annulus w/100 bbls. brine to 1000 psi. Pumped 100 bbls. dummy stage brine for injection profile. Temperature log indicated the entire Queen zone from 3770' to 3850' taking fluid. Ran first stage frac, pumped 2000 gals. brine pad followed by 20,000 gals. gelled brine frac w/1.5 lbs. 20-40 sand per gal., flushed and overflushed w/54 bbls. gelled brine. Temperature log indicated both old and new sections taking frac, also indicated a channel up 20' above uppermost perf. of old section and not opening lower section of new perfs. Ran 1000 lbs. rock salt block followed by 500 gals. acid, 2000 gals. pad and 20,000 gal. frac with 1.5 lbs. sand per gal., flushed and overflushed w/54 bbl. gelled brine. Ran temp. log which indicated entire perforated interval was fraced.

Well producing from Queen Sand perfs. 3787-3854'. Prior to this workover well was producing from Queen Sand perfs. 3787-3816' and pumped 5 BOPD & 1 BWPD on test dated 9-10-70. As a result of this workover the production was increased to 11 BOPD & 13 BWPD.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED C. L. Hill Jr. TITLE Area Supt. DATE 12-15-70

APPROVED BY [Signature] TITLE OPERATING DIRECTOR DATE 12-15-70

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 23 1970

OIL CONSERVATION COMMISSION
HOUSTON, TEXAS