

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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 2
3. Address of Operator P. O. Box 2409, Hobbs, New Mexico 88240	9. Well No. 31
4. Location of Well UNIT LETTER <u>G</u> <u>1800</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE, SECTION <u>13</u> TOWNSHIP <u>22-S</u> RANGE <u>36-E</u> N.M.P.M.	10. Field and Pool, or Wildcat Drinkard
15. Elevation (Show whether DF, RT, GR, etc.) 3471' GL; 3482' KB	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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	OTHER <input 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.

1. Drilled 7 7/8" hole to 6800' T.D.
2. Ran Gamma Ray-Compensated Neutron-Compensated Density-Caliper Log from 6800' to surface with Density tool shut off @ 2400' and Caliper shut off @ 1300'.
3. Ran 5 1/2", 15.5# & 17#, K-55 casing to 6800' with stage cementing tool @ 3077'. Ran 10 centralizers on bottom 19 joints and one centralizer above and one centralizer below stage tool.
4. First Stage: Cemented below stage tool with 475 sacks Class "C" with 6% gel and 6#/sack salt followed by 250 sacks Class "C" 50-50 Pozmix with 2% gel, 5#/sack salt and .5% CFR-2. Bumped plug with 2400 psi. Released pressure. Float held OK.
5. Opened stage tool and circulated 4 1/2 hours. Circulated 100 sacks to pit.
6. Second Stage: Cemented above stage tool with 1,000 sacks Halliburton Light with 15# salt and 1/4# Flocele per sack followed by 200 sacks Class "C" Neat. Bumped plug with 1500 psi. Circulated 210 sacks to pit.
7. Installed slips. Cut off 5 1/2" casing. WOC.
8. Drilled out stage tool. Tested casing to 1500 psi. Held OK. PBTD 6742'.
9. Ran Gamma Ray-Cement Bond Collar Log. Bond Log showed top of first stage @ 3176'. Second stage circulated.

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

SIGNED <u>Walter R. Luck</u>	TITLE <u>Production Engineer</u>	DATE <u>August 4, 1978</u>
<p>APPROVED BY <u>Jerry Sexton</u> TITLE _____ DATE _____</p> <p>CONDITIONS OF APPROVAL, IF ANY: <u>Dist 1, Supra</u></p>		

AUG 7 1978