

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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| | |
|---|------------------------------|
| 5a. Indicate Type of Lease | |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| 268 | |

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

| | | |
|---|--|--|
| 1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER | | 7. Unit Agreement Name |
| 2. Name of Operator Marathon Oil Company | | 8. Farm or Lease Name McCallister State |
| 3. Address of Operator P. O. Box 2409 Hobbs, NM 88240 | | 9. Well No. 7 |
| 4. Location of Well UNIT LETTER <u>N</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1780</u> FEET FROM THE <u>West</u> LINE, SECTION <u>25</u> TOWNSHIP <u>17S</u> RANGE <u>34E</u> N.M.P.M. | | 10. Field and Pool, or Wildcat Abo N., Vacuum Wolfcamp Vacuum Upper Penn |
| 15. Elevation (Show whether DF, RT, GR, etc.) GL 4005, KB 4017 | | 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 ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☒
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐
OTHER ☐

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.

On 8-23-84 started drilling cement from 8960' to 9886'. Twisted off tubing leaving 6 3/4" bit, bit sub, 4 - 4 3/4" drill collars, and 2 joints of 2 7/8" tubing in the hole. Went in the hole with an overshot and latched onto fish. Pulled out of the hole recovering the entire fish. Went in the hole and drilled cement to PBTD of 10132'. Pulled out of the hole with the bit. Rigged up Schlumberger and went in the hole with a casing gun and perforated 7" casing with 4 jet shots per foot at 10000'. Rigged down Schlumberger and went in the hole with a 7" RTTS packer and set it at 9767'. Rigged up Halliburton and squeezed perfs with 75 sacks of Class "H" neat cement. Maximum pressure 4500 psi, average pressure 4000 psi with a maximum rate of 1 1/2 BPM and an average rate of 1 BPM. Could not reverse cement out of the hole. Pulled out of the hole and found 21 joints of 2 7/8" tubing cemented and 7" RTTS packer. Rigged up Schlumberger and went in the hole with casing gun and shot 4 jet shots per foot at 9400'. Rigged down Schlumberger. Went in the hole with a 7" RTTS packer on 2 7/8" tubing and set the packer at 9106'. Rigged up Dowell and squeezed perfs with 75 sacks of Class "H" neat cement. Maximum pressure 4500 psi and minimum pressure 4000 psi with a maximum rate of 1 BPM. Reversed tubing maintaining 1000 psi on the casing. Pulled up the hole and set the packer at 8477'. Rigged up Schlumberger and went in the hole with a through

(continued)

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

Signed Steven A. Pohler TITLE Production Engineer DATE 8-30-84

ORIGINAL SIGNED BY HARRY SEBASTON
DISTRICT 4 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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O.C.D.
HOBBS OFFICE

NMOCD C-103
McCallister St. #7
Page 2

tubing gun and perforated 7" casing with 4 jet shots per foot at 8800'. Rigged down Schlumberger. Rigged up Dowell and attempted to pump into perforations, pressured up to 4500 psi and would bled to 3200 psi in 1 1/2 minutes. Released the packer and spotted 500 gallons of 15% HCl acid at 8823'. Pulled packer up the hole and set the packer at 8477'. Acidized perfs and established an injection rate of 2 BPM at 3200 psi. Mixed 75 sacks of Class "H" neat cement and attempted to squeeze perfs without success. Mixed an additional 75 sacks of Class "H" neat cement and squeezed the perfs with a rate of 1 BPM at 4500 psi. Final squeeze pressure 4500 psi. Bled pressure off tubing, released the packer and pulled out of the hole.