

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1424  
5. LEASE DESIGNATION AND SERIAL NO.

NM-02127-B

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—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Salt Water Disposal		7. UNIT AGREEMENT NAME Lea Unit	
2. NAME OF OPERATOR Marathon Oil Company		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P.O. Box 552, Midland, Texas		9. WELL NO. SWD No. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  1625' FSL & 330' FWL		10. FIELD AND POOL, OR NEIGRAZ Lea	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T-20-S, R-34-I	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3659 GR, 3671 KB		12. COUNTY OR PARISH Lea	
		13. STATE N.M.	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Sand and Casing Test</u> <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)
- Moved in and spudded 12 1/4" hole 7:00 p.m. 12/30/83.
  - Drilled 12 1/4" hole to 900'. Ran 9 5/8", 32.3 lb/ft., H-40 casing to 898'.
  - Cemented casing with 400 sacks of Lite cement followed by 200 sacks of Class "C" with 2% CaCl<sub>2</sub>. Circulated 195 sacks to pit.
  - WOC 24 hours. Install BOP.
  - Test BOP and casing to 1500 psi.
  - Drilled 8 3/4" hole to 3800'.
  - Ran 7" 23 lb/ft, K-55 casing to 3800'. Ran DV tool at 1560' with external casing packer at 1563'.
  - Cemented first stage with 350 sacks of 65/35 POZ w/4% gel and 5 lb/salt per sack followed by 200 sacks of Class "C" with 2% CaCl<sub>2</sub>. Cemented second stage with 200 sacks of 65/35 POZ with 4% gel and 5 lb/salt per sack followed by 100 sacks of Class "C" with 2% CaCl<sub>2</sub>. Circulated 100 sacks to surface on second stage.
  - WOC 28 hours. Install and test BOP and casing to 1500 psi. Held okay.
  - Drilled out with 6 1/8" bit to 4611'.
  - Ran GR-N Log from 4611' to 3250'.
  - Rig up and ran 4 1/2", 9.5 and 10.5 lb/ft, K-55 and H-40 plastic-coated tubing and Otis MH packer to 3714'. Set packer at 3714'.
  - Installed wellhead. Released drilling rig.

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

SIGNED William D. Helman TITLE Dist. Operations Engineer DATE 1/12/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: