

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 GAS WELL OTHER

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2409, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
660' FSL & 1980' FWL, Section 12, T-20S, R-34E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 3653.7'

RECEIVED
DEC 12 1978

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

5. LEASE DESIGNATION AND SERIAL NO.
M02127B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Lea Unit

8. FARM OR LEASE NAME
Lea Unit

9. WELL NO.
7

10. FIELD AND POOL, OR WILDCAT
Lea Devonian

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12, T20S, R34E

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

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 COMPLETE <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) <input checked="" type="checkbox"/> Set Cement Retainer, Reperf	(Other) <input checked="" type="checkbox"/>

(Note: Report results of multiple completion or 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.)*

- Rigged up service unit, pulled gas-lift system from well.
- Set wireline cement retainer @ 14,415'. Could not pump through retainer, drilled out retainer, and circulated hole clean.
- RIH with packer and tubing. Established rate into perfs (14,442-480') @ 3 BPM @ 2800 psig. Released and pulled packer.
- Set wireline cement retainer @ 14,420'. RIH with tubing. Established rate into perforations (14,442-480') and squeezed cemented zone with 75 sacks Class "H" cement. Pumped 60 sacks into formation. Maximum Pressure 2800# @ 2 BPM. Pulled out of retainer and circulated hole clean. POH with tubing.
- Perforated 4 1/2" casing 14,315-14,390' with 2 JSPF. Ran packer on tubing and spotted 500 gals HCL acid over perforated interval. Pulled and set packer @ 13,536'. Displaced acid into formation @ 5300 psi @ .3 BPM. Swabbed back fluid. Acidized formation interval with 1,000 gallons 20% HCL. Average pressure 5500 psig @ 1.2 BPM.
- Swabbed well to record load fluid. Pulled packer and ran gas-lift system. Well produced 10 BO & 284 BW in 24 hours.
- Pulled gas-lift system. Ran packer on tubing and set @ 14,161'. Acidized perforated interval with acid-gal pads (5,000 gals. 20% acid, 20 BLW, gelled brine pad). Broke down @ 5700# @ 4.3 BPM, ISIP 4600#, 10-minute SIP 2800#.
- Swabbed to recover load fluid. Pulled tubing and packer. Ran gas-lift system. Testing well by gas-lift. December 1, 1978 test made 16 BO, 436 BW in 24 hours.

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

SIGNED [Signature] TITLE Production Engineer DATE December 11, 1978

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD
DEC 12 1978
OAS
GEOLOGICAL SURVEY
HOBBS, NEW MEXICO