(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

OIL WELL [ ] GAS WELL [X] 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: 1980' FNL & 1980 FEL

5. LEASE DESIGNATION AND SERIAL NO: NM-01747

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Lea Unit

8. FARM OR LEASE NAME: Lea Unit

9. WELL NO.: 13

10. FIELD AND POOL, OR WILDCAT: Lea (Penn)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 24, T20S, R34E

12. COUNTY OR PARISH: Lea

13. STATE: NM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 3669

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Drilling Operations			[X]
(Other)							

(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.)*

Well was spudded on September 24, 1985. Drilled 26" hole to 700'. Set 20" casing at 685' and cement with 1025 sacks, circulated 450 sacks to pit. Nippled up BOPS on September 27 and tested to 1000 psi - okay. Drilled 17 1/2" hole to 3535' and set 13 3/8" intermediate casing at 3524'. Cement with 2700 sacks, circulated 390 sacks to surface. On October 5, nippled up BOPS, tested to 1000 psi, and started drilling ahead.

Drilled 12 1/4" hole to 5467'. Ran 8 5/8" casing to 5464' and cemented with 800 sacks. No returns while cementing. On October 10, nippled up BOPS and tested okay to 1000 psi. Started drilling.

On October 15, found casing had parted at 3100'. Cut casing at 3245'. Reran 76 joints of 8 5/8" and patch - set patch at 3245'. Perforated casing at 4100'-02'. Set retainer at 4050'. Cement with 1250 sacks. Ran GR-CBL; top of cement at 150'. Drilled out cement and retainer, tested casing and perforations to 2000 psi - okay. Started drilling ahead.

Drilled 7 7/8" hole to 13,500 TD on November 12, 1985. Ran GR-DLL-MSFL and GR-CNL-FDC from 13,150'-8200'. On November 17, ran 5 1/2" 17# and 20# production casing to 13,495'. Cemented with 1275 sacks Lite, tailed with 500 sacks "H" 50-50 poz.

Moved rig off location. Waiting on completion procedure.

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

SIGNED Thomas F. Zapatka / Thomas F. Zapatka TITLE Production Engineer DATE November 21, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

IN REPLY REFER TO

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Box 1397, Roswell, New Mexico - 88201

NM-01747
3160 (065)

August 20, 1985

Marathon Oil Company
P.O. Box 552
Midland, TX 79702

Gentlemen:

Your application for Permit to Drill well No. 13 Lea Unit in the SW¼NE¼ sec. 24, T. 20 S., R. 34 E., Lea County, New Mexico, lease NM-01747, to a depth of 13,500 feet to test the Morrow formation in the oil-potash area, is hereby approved as amended by stipulations attached to the application.

One copy of the application is returned herewith. Please notify the Bureau of Land Management office checked on the attached special stipulation, in sufficient time for a representative to witness all cementing operations.

Sincerely,

Orig. Sgd. Francis R. Cherry, Jr.

Francis R. Cherry, Jr.
District Manager

Enclosure

cc:
NMOCD (2) Hobbs

Form 9-331 C
(May 1963)

P. O. BOX 1980
HOBBS, NEW MEXICO 88240

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-025-29381

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Marathon Oil Company

3. ADDRESS OF OPERATOR: P.O. Box 552, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1980' FNL & 1980' FEL
At proposed prod. zone: Same as above

5. LEASE DESIGNATION AND SERIAL NO.: NM-01747

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Lea Unit

8. FARM OR LEASE NAME: Lea Unit

9. WELL NO.: 13

10. FIELD AND POOL, OR WILDCAT: Lea (Penn)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 24, T-20-S, R-34-E

12. COUNTY OR PARISH: Lea

13. STATE: New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 22 miles Southwest of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 660' & 660'

16. NO. OF ACRES IN LEASE: 2560

17. NO. OF ACRES ASSIGNED TO THIS WELL: 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 3000'

19. PROPOSED DEPTH: 13,500'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3669' GL

22. APPROX. DATE WORK WILL START*: As soon as possible

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94	700'	1225 sks Circulate
17½"	13 3/8"	54.5, 61, 68	3,600'	3200 sks Circulate
12¼"	8 5/8"	32	5,500'	1200 sks
7 7/8"	5½"	17, 20	13,500'	1200 sks

Propose to drill no deeper than 13,500'
All casing will be cemented in accordance with regulations and by approved methods
Blowout preventers will be as outlined in Additional Information (See Exhibits)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Terry L. Lewis TITLE Dist. Drlg Superintendent DATE 8/1/85

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED