

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Marathon Oil Company

3. Address and Telephone No.

P.O. Box 552, Midland, TX 79702 915-687-8334

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UL "J" 1650' FSL & 1650' FWL
Sec. 28, T-21-S, R-24-E

NM OIL CONS COMMISSION

Drawer DD

Artesia, NM 88210

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 1832 NM 030422

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

North Indian Basin Unit

8. Well Name and No.

N. Indian Basin Unit 4

9. API Well No.

30-015-10558 ? 10738

10. Field and Pool, or exploratory Area

Indian Basin Upper Penn

11. County or Parish, State

Eddy Co. NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut-Off
☐ Altering Casing ☐ Conversion to Injection
☒ Other Request TA Status ☐ Dispose Water

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

13. 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.)*

Marathon Oil Company is requesting Temporary Abandonment status for this well. The well is presently SI as non-productive. A mechanical integrity test will be conducted as per the procedure below upon approval of procedure by BLM.

- 1) Notify BLM 48 hrs prior to MIT.
- 2) Test anchors if necessary.
- 3) MI RU PU. NU Bop. POOH w/tbg.
- 4) RIH w/profile nipple, pkr and on/off tool. Set pkr @ 7350'. Set tbg plug in profile nipple. Unset on/off tool. Load tbg-csg annulus w/inhibited pkr fluid. Re-set On/Off tool on pkr.
- 5) Test csg. to 500 PSI for 30 minutes. Record pressure w/1000 PSI chart recorder. (Maximum 2 hr. clock). Release pressure. ND BOP. NU tree. RDMO.
- 6) Submit Sundry notice requesting TA status.

RECEIVED
OIL CON. DIV.
DIST. 2
APR 16 1995
CART AREA
APR 12 12 30 PM '95
RECEIVED

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

Signed Joe G. Lara

Title Operations Superintendent

Date 4/11/95

(This space for Federal or State office use)

(ORIG. SCD.) JOE G. LARA

Approved by

Title

PETROLEUM ENGINEER

Date

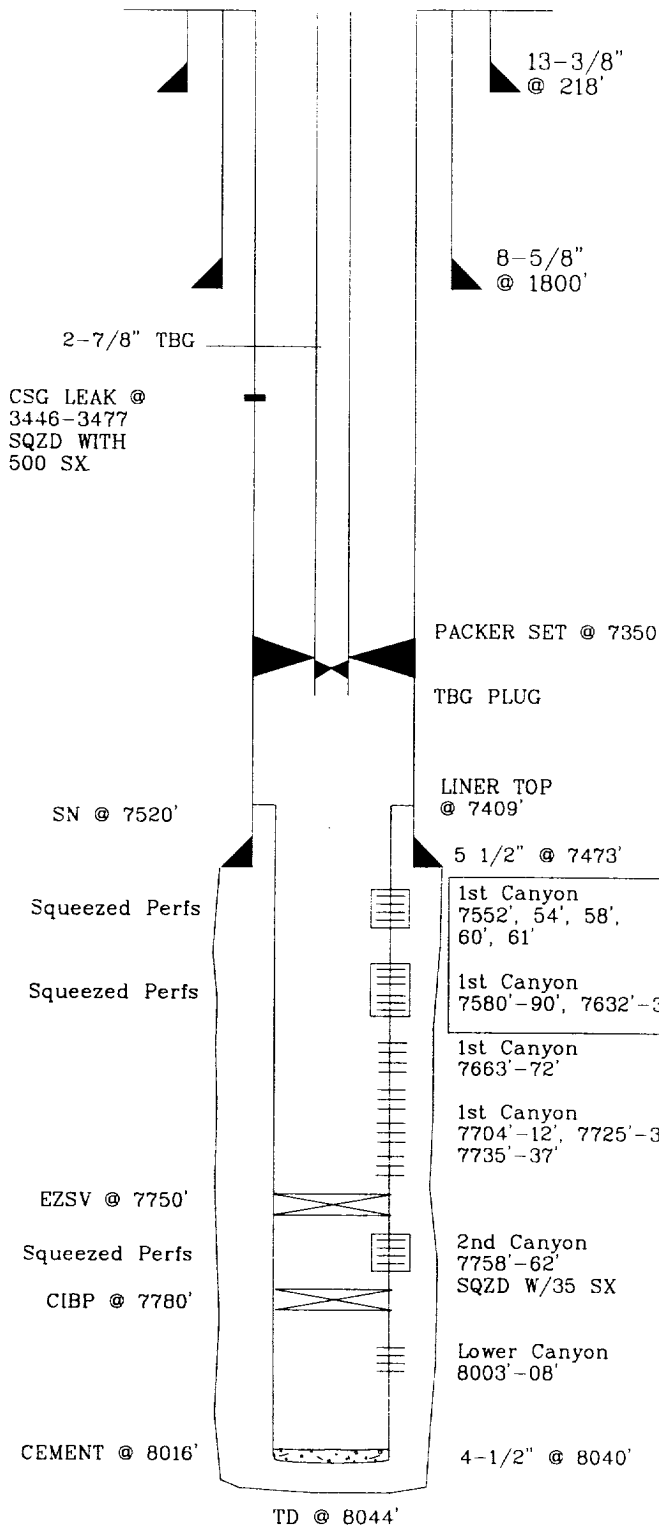
Conditions of approval, if any: See attached

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PROPOSED TEMPORARY ABANDONEMENT

INDIAN BASIN (UPPER PENN)
INDIAN HILLS UNIT NO. 4
1650' FSL & 1650' FWL
SECTION 28, T-21-S, R-24-E
EDDY COUNTY, NEW MEXICO

TD: 8044' PBD: 7571'
GL: 3781' KB: 3799'



SURFACE: 13-3/8" 48# SET @ 218', CEMENTED W/ 250 sx INCOR 2% gel w/ 1/4# flocele. Cmt circ. to surface.

INTERMEDIATE: 8 5/8", 24#, J-55 set @ 1800'. Cmt'd w/ 600 sx 50/50 POZ w/ 12% gel & 1/4 # flocele. Tailed w/ 950 sx 50/50 POZ w/ 4% gel & 1/4 # flocele. Followed by 100 sx INCOR NEAT cmt. Circ. to surface. Fell back to 230'. Cmt'd thru 1" back to surface.

PRODUCTION: 5 1/2" 15.5#/17# set @ 7473'. Cmt'd w/ 200 sx INCOR w/ 4% gel & 1/4# flocele. Tailed w/ 100 sx regular NEAT. TOC @ 5700'.

LINER: 4 1/2 11.35# AB/FL-45 set @ 8040' to 7409', cmt w/ 60 sx 65/35 POZ w/ additives. Cmt did not circ. to surface. Sqz'd liner w/ 50 sx Class H. Sqz pressure 1900#. Reversed out 8 sx cmt.

Past completion: Cisco OH 7473'-7500'. Zone tested Lower Canyon 8003'-08', 2nd Canyon 7758'-62', 1st Canyon 7632'-36', & Cisco 7580'-90'.

Present completion: Cisco, 7552', 54', 58', 60', 61'.

SQUEEZED WITH 200 SX
TESTED OK TO 1000 PSI.

PROPOSAL IS TO SET PKR @ 7350'. THIS WILL ALLOW TEST OF 5 1/2 " CSG TO SURFACE AND SHOULD PRECLUDE ANY POSSIBILITY OF ENVIRONMENTAL DAMAGE. TOP OPEN PERF IS @ 7663'. SQZD PERFS INCREASE DIFFICULTY OF SETTING PKR BELOW LINER TOP.

NOT TO SCALE

(Rev: 1/12/95)

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Temporary Abandonment of Wells on Federal Lands

Conditions of Approval

Temporary Abandonment (TA) status approval requires: A) **Successful Casing Integrity Test** and, B) **Successful Bradenhead Test**.

Any temporary abandonment request must be submitted on a Sundry Notice (Form 3160-5), one (1) original signature and five (5) copies, and include the following:

1. Justification why the well should be temporarily abandoned rather than permanently plugged and abandoned.
2. Description of the temporary abandonment procedure.
3. A complete wellbore diagram shown as temporarily abandoned.
4. The anticipated date the operations will occur.

Contact the appropriate BLM office at least 48 hours prior to the scheduled Casing Integrity and the Bradenhead Tests. For wells in Eddy County call (505) 887-6544 ; for wells in Lea County call (505) 393-3612.

A) Casing Integrity Test for TA:

1. Install an isolation device (such as a retainer or bridge plug) within 50' to 100' of the top perforation or cement plug that extends at least 50' above each set of open perforations. Unless prior approval is granted by the Authorized Officer, fill the well bore with conditioned, non-corrosive fluid and shut-in at the surface. If a cement plug is used, the top of the cement must be verified by tagging. If the wellbore had more than one producing horizon, the lower set(s) of perforations or open hole must meet the requirements for permanent plug to abandonment, unless justification is provided by the operator not to do so.

2. A test demonstrating casing mechanical integrity is required. An approved method is a pressure test of the casing and uppermost plug. The pressure test conducted shall be a minimum of 500 psi surface pressure with less than 10 percent pressure drop within thirty (30) minutes. In no event shall the pressure test required exceed seventy (70) percent of the internal yield of the casing. In the case of an unsuccessful test, the operator shall either correct the problem or plan to plug and abandon the well. Alternative methods demonstrating casing mechanical integrity may be approved by the Authorized Officer on a case-by-case basis.

B) Bradenhead Test for TA:

1. Record the pressure measured on each casing string, including intermediate casing, using deadweight or calibrated pressure gauge.

2. Open the bradenhead valve to the atmosphere. If gas or water flow is observed or indicated, flow the bradenhead for a minimum of fifteen (15) minutes and record pressures at five (5) minute intervals on the production, intermediate and surface casing. Describe in detail any fluids flowing from the bradenhead including measured or estimated rates of flow. A water and/or gas analysis may be required.

Wells that successfully pass the casing integrity test and the bradenhead test will be approved for Temporary Abandonment (TA) status for 12 months provided that the operator:

1. Submits within thirty (30) days a subsequent Sundry Notice (one (1) original signature and five (5) copies) requesting TA approval,

2. Attaches a clear copy or the original of the pressure test charts,

If the well does not pass the casing integrity test and/or the bradenhead test, then the operator shall within 90 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.