

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instr. on re-
verse side)

Budget Bureau No. 1-011-9115
Expires August 1, 1985

05551

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☒ OTHER

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.
See also space 17 below)
At surface

1650' FSL and 1650' FWL

14. PERMIT NO

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

Gr 3777', KB 3791'

7. UNIT AGREEMENT NAME

N. Indian Basin Unit

8. FARM OR LEASE NAME

N. Indian Basin Unit

9. WELL NO.

7

10. FIELD AND POOL OR WILDCAT

Indian Basin (Upper Penn)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 11, T21S, R23E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

16.

Check Appropriate Box To Indicate Nature of Notice, Repair or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Mechanical Integrity Test ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)

Marathon Oil Company intends to initiate a Mechanical Integrity Test on the above referenced well upon approval of Form 3160-5. Attached is the procedure.

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

SIGNED

J. R. Jenkins

TITLE Hobbs Prod. Superintendent

DATE 6/8/89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

FOR: TITLE

DATE 6-29-89

*See Instructions on Reverse Side

MECHANICAL INTEGRITY TEST PROCEDURE
North Indian Basin Unit No. 7
Eddy County, New Mexico

DATE: June 7, 1989

PURPOSE: Run mechanical integrity test. (MIT)

ELEVATION: 3767' GL, 3791' KB

PBTD: 7564'

SURFACE CASING: 13 3/8" set @ 151'.

INTERMEDIATE CASING: 8 5/8" set @ 2098'.

PRODUCTION CASING: 5 1/2" set @ 7593'.

TUBING: 2 3/8", 4.7#, 8R, J-55 set @ 7306'.

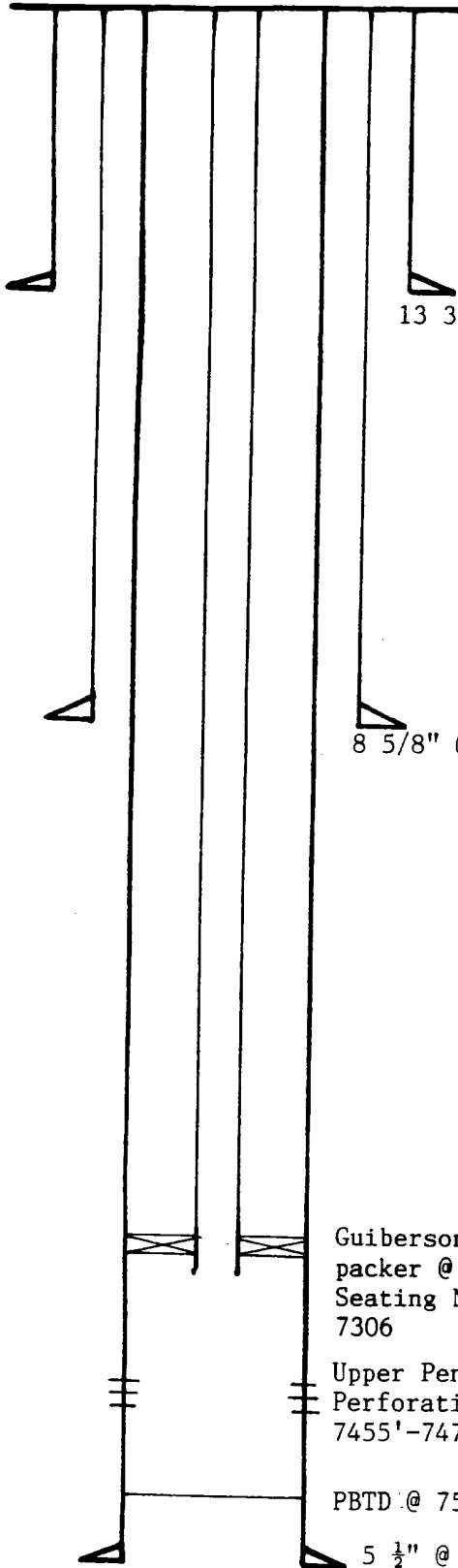
PACKER: 5 1/2" Guiberson duo-grip set @ 7300'.

SAFETY PRECAUTION: Monitor H₂S at the wellhead while running test.

1. Notify BLM representative, Shannon Shaw, 48 hours prior to running MIT. (BLM telephone number (505) 887-6544.)
2. RU Service Company.
3. Install pressure gauges with pen recorders on tubing and tubing casing annulus.
4. Fill tubing-casing annulus with 2% KCl water and pressure test to 500 psig.
5. Monitor pressure for 15 minutes.
6. RD Service Company.
7. Send pressure charts to Midland Production office.

JTK3/2/mtj

WELL DATA SHEET

FIELD Indian BasinLEASE AND WELL NO. North Indian Basin Unit No. 7LOCATION 1650' FSL & 1650' FWL, Sec. 11, T21S, R23ECOUNTY AND STATE Eddy County, New Mexico13 3/8" @ 151' STATUS TA'd

TD 7595' PBT 7564' KB 3791 GL 3767

SURFACE CASING 13 3/8", 48E/ft., 8 R, H-40, ST&C set @ 151'. Cemented w/350 sacks Class A. Circulated 45 sacks to pit.

INTERMEDIATE CASING 8 5/8", 32#/ft., 8 R, J-55, ST&C set @ 2098'. Cemented w/1300 sack "Lite" followed w/200 sacks Class A. Circulated 400 sacks to pit.

PRODUCTION CASING 5 1/2", 17 & 15.5#/ft., 8 R, J-55, LT&C set @ 7593. Cemented w/690 sacks "Lite" followed w/350 sacks Class H (50-50 Poz). Circulated 65 sacks to pit.

TUBING 2 3/8", 4.7#/ft., 8 R, J-55 set @ 7306' KB.

RODS _____

Guiberson duo-grip
packer @ 7300',
Seating Nipple @
7306

Upper Penn
Perforations
7455'-7475'

PBT @ 7564

5 1/2" @ 7593

PUMPING UNIT _____

PRESENT COMPLETION: Upper Penn-11/67-7455-56, 7469-7470, 7474-75, 7488-90, 7507-08. 12/71-Perforated 7455, 56, 58, 60, 61, 63, 65, 69, 70, 71, 74, 75 w/1 JSPF.

HISTORY 11/67-Completed well in Upper Penn. CAOF = 7350 MCFD. 12/71-Cement squeezed (175 sks) Upper Penn perfs from 7455-7508 to shut off water flow. Reperfed Upper Penn from 7455-7475 w/12 shots. Treated perfs w/1400 gal 15% HCl. 1/72-TA'd well.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Resource Area Headquarters

P. O. Box 1778

Carlsbad, New Mexico 88220

IN REPLY REFER TO

3162.4 (067)

CERTIFIED--RETURN RECEIPT REQUESTED
P 084 916 194

Marathon Oil Company
P. O. Box 2409
Hobbs, NM 88240

RE: N. Indian Basin Unit
Well #7
NESW, Sec. 11, T21S, R23E
Eddy County, New Mexico
(Lease No. NM 05551)

Gentlemen:

A review of our records and field inspections indicates that the above well is in Temporary Abandonment (TA) status. If you are to continue to keep this well in TA status, you must show that the downhole equipment/casings are in satisfactory condition.

Accordingly, you are hereby requested to submit for approval, a program for testing the downhole equipment for the well on Sundry Notice (Form 3160-5, formerly 9-331) and reason why you desire to keep the well in TA status, within 30 days from the date of this letter. The well must be tested in accordance with the attached specifications. Please call the Carlsbad office (505) 887-6544 in time for a field inspector to witness all tests.

If a well is found in unsatisfactory condition, it must be corrected or the well plugged and abandoned. If a well is not tested, it will be considered unserviceable and you will be required to plug and abandon the well. Wells tested within the last 12 months will not require retesting provided that the test results have been filed and approved by this office. Please contact Shannon Shaw at (505) 887-6544 for further information.

Sincerely,

Richard L. Manus
Area Manager

Enclosure:

- Casing Pressure Test Procedures

RECEIVED

MAY 26 1939

WELLS OPERATIONS

MINIMUM REQUIREMENTS FOR CASING INTEGRITY TESTING OF WELLS
ON FEDERAL LEASES IN THE CARLSBAD RESOURCE AREA.

1. Contact the appropriate BLM office at least 24 hours prior to the scheduled test.

NOTE: A BLM technician must be present to witness all casing integrity tests.

2. A retrievable bridge plug or packer shall be set a maximum of 50 feet above any open perforations.
3. All downhole production equipment (tubing, rods, etc.) must be removed from the casing if they are not isolated by a packer.
4. The casing must be filled with fluid and pressure tested to 500 psi. Furthermore, the casing must be capable of holding this pressure for at least 15 minutes with a 10% allowable leak-off (i.e. 450 psi).
5. The operator must submit a subsequent report of test on Sundry Notices (Form 3160-5, formerly 9-331) to be accepted for record.

NOTE: Wells that successfully pass the casing integrity test will be approved for Temporary Abandonment status for 12 months provided that the operator submits a subsequent Sundry Notice.