

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
Other instructions on the
reverse side.

LEASE DESIGNATION AND SERIAL

LC 029388-C

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.)

RECEIVED

1. OIL WELL GAS WELL OTHER Water Injection Well

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
660' FSL & 1980' FEL, Sec. 10, T-18-S, R-31-E

7. UNIT AGREEMENT NAME

8. NAME OF LEASE NAME
Federal Johnson "A"

9. WELL NO.
2

10. FIELD AND POOL OR WILDCAT
N. Shugart Yates 7R0/Grbg

11. SEC. T. R. N. OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH, 13. STATE
Sec. 10, T-18-S, R-31-E
O. C. D. ARTESIA, OFFICE Eddy NM

14. PERMIT NO. 15. ELEVATIONS (Show whether OF, AT, GR, etc.)
DF 3713' GR 3701'

RECEIVED

APR 12 '89

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETION
ABANDON*
CHANGE PLANS

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.)

The above-referenced well recently failed the Mechanical Integrity test (Notification attached). It is believed that the well failed due to a hole in the tubing. Marathon Oil Company proposes the following:

1. Install BOP equipment.
2. Release Johnson A-1 packer and pull out of the hole, visually inspecting the 2-3/8" internally plastic-coated tubing.
3. Replace damaged tubing.
4. Redress packer.
5. Run in hole with packer and 2 3/8" internally plastic-coated tubing.
6. Set packer and load tubing-casing annulus.
7. Pressure test tubing-casing annulus to 700 psi. Release pressure.
8. If backside holds 700 psi, return well to injection service.

Work is scheduled to begin on April 13, 1989. The NMOCDArtesia will be notified 24 hours prior to commencement.

18. I hereby certify that the foregoing is true and correct
SIGNED Eric M. Hingle 3/30/89 TITLE Acting Hobbs Area Production Superintendent DATE 3/30/89

(This space for Federal or State office use)
APPROVED BY [Signature] TITLE [Signature] DATE 4-11-89
CONDITIONS OF APPROVAL, IF ANY:

Subject to
LHM Approval
by State

*See Instructions on Reverse Side

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.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

GARREY CARRUTHERS
GOVERNOR

OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

P.O. DRAWER DD
ARTESIA, NEW MEXICO 88210
(505) 748-1283

March 14, 1989

Marathon Oil Company

P.O. Box 2409

Hobbs NM 88240

Re: Johnson A Fed #2 O-10-18-31

Johnson A Fed #4 I-10-18-31

Gentlemen,

The recently conducted Mechanical Integrity Test showed the subject well (s) to have problems and to be in need of repair.

Due to the UIPC regulations it will be necessary for all work to be completed within 90 days of this notice.

Please submit appropriate state or federal forms and notify this office twenty four (24) hours prior to the time the work will be performed.

If you have any questions concerning this matter, please feel free to contact me or Johnny Robinson of this office.

Sincerely,

Mike Williams
Supervisor, District II

MW:br

XCC: Keith [unclear]

WELL DATA SHEET

FIELD N. Shugart

10-3/4"
@ 815'

LEASE AND WELL No. Johnson "A" Federal Well No. 2

LOCATION 660' FSL & 1980' FEL, Sec. 10, T-18-S, R-31-E

COUNTY AND STATE Eddy Co., NM

STATUS Injection
(Pumping, Flowing, gas lift, etc.)

2-3/8" IPC

PBTD 3382' GR 3701' DF 3713' KB Corr. 12'

SURFACE CASING 10-3/4" 32-3/4 lb/ft H-40

Set at 815' Cmt'd w/500 sks Circulated

PRODUCTION CASING 7" 23 lb/ft J-55

Set at 4216' Cmt'd originally w/250 sks.

Squeeze perfs at 3000' w/175 sks Class "C" neat

~~KYNER~~ Squeeze perfs at 2450' w/175 sks Class "C" w/2% CaCl₂

Johnson A-1
packer @ 3282'

Squeeze perfs at 700' w/200 sks Class "C" neat. TOC 604'

TUBING 105 jts 2-3/8" 4.7 lb/ft 8rd J-55 internally

plastic-coated

3332'
Queen

2-3/8" x 7" Johnson A-1 packer set in 10K tension @ 3282' KB

3347'

RODS NA

PBTD 3382'
3944'

PUMPING UNIT NA

Grayburg

4139'

7" @ 4216'

PRESENT COMPLETION (Formation and Interval)

Queen 3332-47 3 JSPF

TD 4217'

HISTORY: Drilled 1956. Originally completed in Grayburg. Grayburg plugged 1957.

Perf'd Queen 1957. Set pumping unit in 1958. Converted to SWD in 1966. 1985 Shot

squeeze holes at 3000', 2450' and 700' (cmt as above) to stop water flow. Failed

bradenhead test 3-13-89.

PREPARED BY: Eric M. Pringle

DATE: 3-31-89