

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL & GAS
(Reverse side)

310N

5. LEASE DESIGNATION AND SERIAL NO.

LC-029388
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JAN 13 1986

7. UNIT AGREEMENT NAME
O. C. D.
ARTESIA, OFFICE

8. FARM OR LEASE NAME
Johnson "B" Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Undesignated (Bone Springs)

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

Section 11, T18S, R31E

12. COUNTY OR PARISH

Eddy

NM

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' FNL & 1980' FWL

14. PERMIT NO. 30-015-25399 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

Not available

GL 3753', KB 3764.20'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

Other:

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

Other: Completion

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.)

Rigged up Dresser Atlas and Seismograph Service Company and ran V.S.P. log from 8700' to 500'. Rigged down Seismograph Service Company. Perforated the 5 1/2" casing at 8614, 18, 23, 27, 31, 34, 37, 41, and 44 with 1 JSPF for a total of 9 holes. Went in the hole with a 5 1/2" RTTS packer on 2 7/8" tubing and treated the perforations with 2000 gallons of 7 1/2% MSR acid with 18 balls for divert. Had good ball action. ISIP-2000 psig, 5MSIP-1900 psig, 10MSIP-1890 psig, and 15MSIP-1890 psig. Swabbed on well for a few days. Pulled out of the hole with the tubing and packer. Rigged up Dresser and perforated the well at 8584, 88, 92, 96, 8600, and 8606 with 1 JSPF for 6 holes. Went in the hole with the 5 1/2" RTTS packer on 2 7/8" tubing to 8481' and treated the perforations from 8584'-8644' with 1500 gallons of 7 1/2% MSR acid using 22 balls for divert. Had slight ball action. ISIP-2100 psig. Released the packer and went in the hole to 8650'. Pulled up the hole to 8481' and set the packer. Fracture treated the Bone Springs from 8584'-8644' with 30,000 gallons E.Z. frac using 54,000# of 20/40 mesh sand. ISIP-2200 psig, 5MSIP-2200 psig, 10MSIP-2150 psig, and 15MSIP-2050 psig. Swabbed on well several days. Released the packer and pulled out of the hole. Went in the hole with a 5 1/2" Retrievable Bridge Plug and RTTS packer. Set the RBP at 8547' and tested it to 3500 psig and held. Dumped 1 sack of sand on top of the RBP. Spotted 200 gallons of 7 1/2% acid and pulled out of the hole. Rigged up Dresser and perforated the Bone Spring at 8416, 23, 31, 36, 45, 52, 68, 76, 85, 97, and 8507 with 1 JSPF for a total of 11 holes. Went in the hole with a 5 1/2" RTTS packer on 2 7/8" tubing. Set the packer at 8325'.

(continued)

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

SIGNED Steven A. Pohler TITLE Production Engineer

DATE January 3, 1986

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

FORWARDED FOR RECORD

*See Instructions on Reverse Side

Marathon Oil Company
Johnson "B" Federal Well No. 3
Eddy County, New Mexico
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Treated the perforations 8416'-8507' with 2000 gallons of 7 1/2% acid using 14 balls for divert. Had good ball action. ISIP-1805 psig, 5MSIP-1680 psig, 10MSIP-1640 psig, 15MSIP-1610 psig. Released the packer and went in the hole to 8547'. Pulled up and set the packer at 8325'. Fracture treated the Bone Springs (8416'-8507') with 1179 barrels of Versagel and 120,000# of 20/40 sand. ISIP-2160 psig, 5MSIP-2110 psig, 10MSIP-2100 psig, and 15MSIP-2090 psig. Started swabbing on well.