Form 9-331
Dec. 1973

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

Form Approved.
Budget Bureau No. 42-R1424

c/SF

RECEIVED BY
MAY 07 1985
O. C. D.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Injection
2. NAME OF OPERATOR: Marathon Oil Company
3. ADDRESS OF OPERATOR: P.O. Box 2409, Hobbs, N.M. 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: 660' FSL @ 1980' FEL
   AT TOP PROD. INTERVAL: 3332' - 3347'
   AT TOTAL DEPTH: PBTD 3382'
5. LEASE: LC - 029388 - C
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Federal Johnson "A"
9. WELL NO.: 2
10. FIELD OR WILDCAT NAME: N. Shugart (Yates, 7RQ/Grayburg)
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 10 T18S, R31E
12. COUNTY OR PARISH: Eddy
13. STATE: N.M.
14. API NO.:
15. ELEVATIONS (SHOW DF, KDR AND WD): DF 3712 , GR 3701
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☒
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

MAY 03 1985

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.)*

On 4-16-85 rigged up pulling unit and installed blowout preventer equipment. Released the Johnson tension packer and pulled out of the hole. Rigged up Bell and perforated the 7" casing at 3000' with 4 JSPF. Ran in the hole with 7" Halliburton RBP and RTTS packer on 2 7/8" tubing. Set the RBP at 3255' and tested the RBP to 1500 psi and held okay. Pulled up the hole with the RTTS and set it at 2926'. Broke down squeeze perforations and established an injection rate of 2 BPM at 800 psi. Released the RTTS and pulled out of the hole . Went in the hole with a 7" EZ drill retainer and set it at 2926'. Pressured up the backside to 500 psi and pumped 175 sacks of class "C" neat cement into the perforations at 3000'.

(continued)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Steven A. Pohler TITLE PRODUCTION ENGINEER DATE April 29,1985
STEVE A. POHLER

(This space for Federal or State office use)

APPROVED BY ACCEPTED FOR RECORD TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

MAY 3 1985

CARLSBAD, NEW MEXICO

*See Instructions on Reverse Side

Subject to Like Approval by

U. S. DEPARTMENT OF INTERIOR
Form 9-331
Fed. Johnson "A" Well 4
4-29-85
#17 cont.

Pulled out of the hole with the 2 7/8" tubing and stinger to the EZ drill cement retainer. Rigged up Bell and ran Temperature Survey and found the top of cement at approximately 2496'. Went in and perforated the 7" casing at 2450' with 4 JSPF. Went in the hole with the 7" RTTS packer and set it at 2403' and established an injection rate of 5 BPM at 400 psi. Pulled out of the hole with the packer and went in the hole with a 7" EZ drill cement retainer set the retainer at 2403'. Pressured up the backside to 500 psi and squeezed the perforations with 175 sacks of Class "C" cement containing 2% $CaCl_2$. Pulled out of the hole with the 2 7/8" tubing and stinger to the EZ drill cement retainer. Rigged up Bell and ran Temperature Survey and found the top of cement at approximately 2032'. Went in the hole and perforated the 7" casing at 700'. Ran in the hole with a 7" Baker Full-Bore packer on 2 7/8" tubing and set it at 477'. Established an injection rate into the perfs at 1 1/2 BPM at 200 psi. May have obtained a 1/4 BPM circulation on the 10 3/4" surface casing. Rigged up and pumped 200 sacks of Class "C" neat cement into the perforations. After 4 hours pulled out of the hole with packer. Rigged up Bell and ran Temperature Survey and tagged cement in casing at approximately 606'. Bell estimated the cement top at approximately 604'. Rigged up and drilled out cement from 619' - 732' and fell out. Tested the 7" casing and squeeze perforations at 700' to 500 psi and held okay. Continued in the hole and tagged cement at 2403'. Drilled cement from 2403 - 2464'. Tested 7" casing and squeeze perforations at 2450' to 500 psi and held okay. Continued in the hole and tagged cement at 2926'. Drilled cement from 2926' - 3010'. Tested 7" casing and squeeze perforations at 3000' to 500 psi and held okay. Pulled out of the hole with the drill collars and bit. Went in the hole with the retrieving tool for the RBP. Release the RBP and pulled out of the hole. Went in the hole with a bit and tagged fill at 3350' and cleaned fill from 3350' - 3382'. Pulled out of the hole with the bit. Went in the hole with 7" Johnson "101-S" packer on 2 3/8" plastic coated tubing, testing the tubing in the hole to 3000 psi. Set the packer at 3282'. Returned the well to injection services.

SAP:rmt
4/29/85