

RECEIVE BY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
ARTESIA, OFFICENM OIL FIELD  
Drawer DD  
Artesia, NM 88210Form Approved.  
Budget Bureau No. 42-R1424

C/SF

## 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 ☐ gas ☐ other ☐ Injection  
2. NAME OF OPERATOR  
Marathon Oil Company  
3. ADDRESS OF OPERATOR  
P. O. Box 2409 Hobbs, NM 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'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)	<input type="checkbox"/>	<input type="checkbox"/>

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  
Shugart, N. (y, SR, Q, G)  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 10, R18S, R31E  
12. COUNTY OR PARISH  
Eddy  
13. STATE  
NM  
14. API NO.  
15. ELEVATIONS (SHOW DF, KDR AND WD)  
DF 3712', GR 3701'

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

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 April 4, 1985 a Braden Head Tracer Survey was run indicating a leak at 71' in the 10 3/4" surface pipe. The purpose of the workover will be to stop the salt water flow on the surface casing. A pulling unit will be moved on the well and the packer and tubing pulled out of the hole. It is recommended that the 7" casing be perforated with 4 jet shots per foot at 3000'. If circulation is obtained to surface, 125 sacks of Class "C" neat cement followed by foamed cement tailed in with 175 sacks Class "C" neat cement will be pumped into the perms at 3000'. After cement is brought to surface the Braden Head valve will be closed and a pressure squeeze will be attempted. However, if circulation is not obtained to surface, 175 sacks of Class "C" neat cement will be pumped to bring the cement up to the base of the salt at 2169'. A Temperature log will be run to insure that the top of the cement is at least to 2169'. After the cement (continued)

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W. D. Holmes TITLE Opr. Superintendent DATE 04-09-85

W. D. Holmes

Orig. \_\_\_\_\_ (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 4-11-85  
CONDITIONS OF APPROVAL, IF ANY:

Subject to  
Like Approval  
by State

USGS Form 9-331 (cont.)  
Fed. Johnson "A" #2

top has been found, the 7" casing will be perforated at 700' and cement plus 50% excess, approximately 200 sacks of Class "C" neat will be pumped in the surface, production string annulus to bring the cement to surface. The valve will then be closed and pressure applied to obtain a squeeze on the leak at 71'. The cement will be drilled out and the production string casing pressure tested to 1500 psi and the surface casing pressure will be tested to make sure the salt water flow has been stopped. The well will then be returned to water injection services.

SAP/lp  
04-09-85