

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 ☒ gas ☐
well well other

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 2594/5 1224/W

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

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) water shut off ☒

5. LEASE

LC 029405 (B)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

MCA Unit 1224/W

8. FARM OR LEASE NAME

MCA

9. WELL NO.

263

10. FIELD OR WILDCAT NAME

MALJ. (G-SA)

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

SEC 20-175-326

12. COUNTY OR PARISH 13. STATE

LEA

NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

3971 DF

(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.)*

1. Rig up on well and BLM with 1 joint of tubing.

2. CIP cement retained on 2 7/8" work string; set liner at 1100'.

3. With casing using valve open pump into well at 2-3 BPM and attempt to establish circulation.

a. If circulation is established at 2-3 BPM then go to step 11.

b. If circulation is not established but we are able to pump into interval below packer then go to step 4.

4. Pump out 5 barrels fresh water. Pump 2 barrels 10-check and follow with 5 barrels fresh water. Pump down tubing with 200 sacks Class "C" with 25/sack salt and 0.8% Fluor-9 at a rate of 2-3 BPM. Flush with 8 bbls. produced water. Shut with tubing.

5. CIP with retrievable packer and set at 1600'.

6. Circulate with this tubing gun at 1000' - 1000' with 2 JSTF; establish circulation at 2-3 BPM.

7. Pump down casing using annulus with 125 sacks Class "C" with 25/sack salt mixed at 1600 ppm. Tag last 75 sacks cement with radioactive material.

8. Beaming cement with gamma-ray tool and stop pumping when tagged cement is at 800'. Flush with 3 bbls. produced water and shut-in casing-casing valve. 200-12 hours.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED

Wm A. Butterfield

TITLE

Admin. Supv.

DATE

6-18-79

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

LISGS 3

MCA 4

FILE

*See Instructions on Reverse Side

RECEIVED

JUN 19 1979

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICOAPPROVED
JUN 20 1979
ACTING DISTRICT ENGINEER

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1974-O-533-007

- 9) Pump down tubing at 2-3 RPM as follows:
 - a) Pump pad of 5 barrels fresh water.
 - b) Pump 25 barrels flo-check and follow with 5 barrels fresh water.
 - c) Pump 250 sacks Class "CC" with 27/sack salt mixed at 14.8 ppg.
 - d) Repeat steps a, b, & c if necessary.
- 10) Flush to 900' with 7 barrels T.F.W. and X.O.C. for 24 hours. Run with retrievable packer and work string.
- Go to step 15.
- 11) If 15 is applicable:
 - 11a) Pump down casing-casing annulus with 150 sacks Class "CC" with 27/sack salt mixed at 14.8 ppg. Log 1st 75 sacks cement with radioactive material.
 - 11b) Monitor cement with gamma-ray tool and stop pumping when tool bit cement is at ± 1100'. Flush with 3 bbls. produced water and shut-in casing-casing valve.
- 12) Pump down tubing at 2-3 RPM as follows:
 - a) Pump pad of 5 barrels fresh water.
 - b) Pump 25 barrels flo-check and follow with 5 barrels fresh water.
 - c) Pump 250 sacks Class "CC" with 27/sack salt mixed at 14.8 ppg.
 - d) Repeat steps a, b, & c if necessary.
- 13) Flush to 1100' with 9 barrels T.F.W. and X.O.C. for 24 hours.
- 14) GRP and drill-out cement retainer and cement to ± 1800'.
- 15) Pressure up on casing to 500 psi and check for leaks.
- 16) If able to isolate hole in the casing repeat step 4 setting cement retainer ± 200' above hole.
- 17) GRP with tubing and drill out cement to 1550' and pressure test casing.
- 18) Drill-out GRP at 1550' and clean-out well to 4066'.

*Bring out an additional 500 sacks Class "CC" cement.

RECEIVED

JUN 26 1979

O. C. C.