

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 ☐

2. NAME OF OPERATOR  
JACK A. COLE

3. ADDRESS OF OPERATOR  
P. O. BOX 191, FARMINGTON, N.M. 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1830' FNL, 750' FWL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

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

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

SUBSEQUENT REPORT OF:

**RECEIVED**

OCT 02 1985

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

5. LEASE  
SF-078362

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
MARCUS

9. WELL NO.  
#4

10. FIELD OR WILDCAT NAME  
COUNSELORS GALLUP-DAKOTA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 5-T23N-R6W

12. COUNTY OR PARISH  
RIO ARRIBA

13. STATE  
NEW MEXICO

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6983' GL, 6995' KB

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.)\*

SEE ATTACHED FOR FRACTURE TREATMENT REPORT

**RECEIVED**  
OCT 07 1985

OIL CON. DIV.  
DIST. 3

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

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

SIGNED Dwayne Blum TITLE PROD. SUPT. DATE OCTOBER 1, 1985

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**ACCEPTED FOR RECORD**

OCT 08 1985

FARMINGTON RESOURCE AREA  
BY ELM

Formation GALLUP Stage No. 1 Date SEPT. 29, 1985

Operator JACK A. COLE Lease and Well MARCUS NO. 4

Correlation Log Type GR-CLL From 5800' To 5300'

Temporary Bridge Plug Type NONE Set At \_\_\_\_\_

Perforations 5735' - 5745' 5670' - 5680'  
5708' - 5711' 5534' - 5544'  
1 Per foot type 3-1/8" BULL JET

Pad 10,000 gallons. Additives MY-T-OIL

~~Water~~ GELLED OIL 39,000 gallons. Additives MY-T-OIL

Sand 98,000 lbs. Size 20-40

Flush - LEASE CRUDE 3,707 gallons. Additives \_\_\_\_\_

Breakdown 3600 psig

Ave. Treating Pressure 1650 psig

Max. Treating Pressure 3200 psig

Ave. Injecton Rate 25 BPM

Hydraulic Horsepower 1011 HHP

Instantaneous SIP 1180 psig

5 Minute SIP 1150 psig

10 Minute SIP 1130 psig

15 Minute SIP 1130 psig

Ball Drops: 15 Balls at 30,000 gallons 100 psig  
incre  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
incre  
\_\_\_\_\_ Balls at \_\_\_\_\_ gallons \_\_\_\_\_ psig  
incre

Remarks: PERFORATIONS BROKEN DOWN INDIVIDUALLY THROUGH "PPI" PACKER