

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-21424

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, New Mexico 87499
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: *870' FNL, 1740' FWL*
AT TOP PROD. INTERVAL: *Same*
AT TOTAL DEPTH: *Same*
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
SF-078362
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Marcu "A"
9. WELL NO.
16
10. FIELD OR WILLOCAT NAME
Lybrook Gallup
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12-T23N-R7W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW OF, KDS, AND WD)
7020 GR 7032 KB

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:

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RECEIVED

OCT 29 1986

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

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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
NOV 05 1986
OIL CON. DIV.
DIST. 3

ACCEPTED FOR RECORD

NOV 05 1986
FARMINGTON RESOURCE AREA
BY *EGB*

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

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

SIGNED *Dwayne Blane H* TITLE *Production Superintendent* DATE *October 27, 1986*

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL IF ANY: _____

NMOCC

FRACTURE TREATMENT

Formation Gallup Stage No. 1

Date October 22, 1986

Operator _____ Lease and Well Marcus "A" No. 16

Correlation Log Type GR-CCL From 5674 To 5350

Temporary Bridge Plug Type _____ Set At _____

5561-5565 5605-5609 5628-5631 5639-5646

Perforations 5570-5578 5612-5616 5633-5636

2 Per foot type 3 1/8" Bull Jet-.50 dia.

Pad Gelled Oil 10,000 gallons. Additives _____

~~Water~~ Gelled Oil 27,700 gallons. Additives My-T-Oil

Sand 72,000 lbs. Size 20-40

Flush Lease Crude 3,713 gallons. Additives _____

Breakdown 1,100 psig

Ave. Treating Pressure 1,600 psig

Max. Treating Pressure 1,970 psig

Ave. Injection Rate 22.5 BPM

Hydraulic Horsepower 882 HHP

Instantaneous SIP 1,390 psig

5 Minute SIP 1,330 psig

10 Minute SIP 1,320 psig

15 Minute SIP 1,310 psig

Ball Drops: 25 Balls at 16,000 gallons 2 psig

_____ Balls at _____ gallons _____ psig

_____ Balls at _____ gallons _____ psig

_____ Balls at _____ gallons _____ psig

Remarks: Balled off with 1000 gals. 15% HCL and 102 balls.

FRACURE TREATMENT

Formation Gallup Stage No. 2

Date October 22, 1986

• Operator _____ Lease and Well Marcus "A" No. 16

Correlation Log Type _____ From _____ To _____

Temporary Bridge Plug Type Baker-drillable Set At 5520

Perforations 5436-5448 5457-5461 ..
2 Per foot type 3 1/8" Bull Jet-.50 dia.

Pad Gelled Oil 10,000 gallons. Additives _____

~~Water~~ Gelled Oil 22,500 gallons. Additives My-T-Oil

Sand 53,000 lbs. Size 20-40

Flush 3,630 gallons. Additives _____

Breakdown 3,100 psig

Ave. Treating Pressure 2,200 psig

Max. Treating Pressure 2,400 psig

Ave. Injecton Rate 21 BPM

Hydraulic Horsepower 1,132 HHP

Instantaneous SIP 1,930 psig

5 Minute SIP 1,700 psig

10 Minute SIP 1,650 psig

15 Minute SIP 1,600 psig

Ball Drops: 16 Balls at 14,000 gallons 100 psig
 _____ Balls at _____ gallons _____ psig
 _____ Balls at _____ gallons _____ psig
 _____ Balls at _____ gallons _____ psig

Remarks: Break down perforations through 4 1/2 casing. Ball off using 1000 gals. 15%
HCL interspersed with 64 balls.