

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

Mitchell Energy Corporation

3. ADDRESS OF OPERATOR

80202

1670 Broadway Suite 3200 Denver, Co.

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) : 1000' EFT ^N 1100' EFT ✓

below.) .
AT SURFACE: 1080' FWL x 1100' FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

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*

ABANDON* ☐ Cement Squeeze over ☒ Jo Alamo Zone

SUBSEQUENT REPORT OF:

REPORT OF
RECEIVED

JUN 14 1982

U. S. GEOLOGICAL SURVEY

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

OCT - 7 1983

OIL CON. DIV.
DIST. 3

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.)*

The aforementioned well was drilled last year and due to weather constraints, never completed. On June 2, 1982 the Otis S.S. (see attached wellbore diagram) was opened and circulation was not attainable @ 1500 psig. Circulation down the backside was also tried w/ no success. Higher pressures were not tried, as a potential hazard of fracturing the adjacent formations was probable. Apparently, solids from the mud have settled out causing an effective plug across the sleeve to the surface. In an effort to establish a cement slurry across the Ojo Alamo, 2 shots will be placed below the Ojo Alamo and circ. established. If circ. can't be established @ this point, the perfs will be cement squeezed and an effective plug will have been proven across the Ojo Alamo (discussed w/Don Elliot of MMS-Farmington, N.M. on 6/2/82). The proposed procedure is as follows:

Subsurface Safety Valve: Manu. and Type

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

SIGNED [Signature] TITLE Area Engineer DATE 1-16-82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE _____

~~APPROVED~~

FARMINGTON COPY

JUN 15 1982

Elliott
DISTRICT ENGINEER

•See Instructions on Reverse Side

PROCEDURE:

Due to frac'ing down casing, having perfs cement squeezed is an extremely sensitive problem as these perfs could be opened during the frac treatment. Therefore, the well will be completed in the Dakota first and then the remedial work will follow.

- (1) Complete in the Dakota formation by perfring and fracing the interval 8,064'-8,166' O.A.
- (2) Test well for flow rates. RIH w/wireline set packer w/knock-out plug to isolate Dakota. Set at 8,020 \pm .
- (3) RIH w/3-1/8" casing gun. Shoot 2 holes (180° phasing) @ 2,800' (Ojo Alamo 2,600'-2,780').
- (4) Try to establish circulation. Do not exceed 1200 psig. If circulation is established, cement across Ojo Alamo w/100 sxs. Class "B" cement w/2% CaCl_2 .
- (5) If circulation can't be established, TIH w/tubing and packer. Set Packer @ 2,600'. Cement squeeze perfs w/ 15 sxs. Class "B" cement w/ 2% CaCl_2 .
- (6) Drill out cement. Test squeeze to 2,000#. RIH w/tubing. Land tubing in packer. Put on production.

D.P. - 6-10-82

RECEIVED
OCT - 7 1983
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DIST. 3

DOWNHOLE DIAGRAM & DIMENSIONS

6483' G.L. 13'
 GROUND

KB

WELL: Rosa #81

LOCATION: Sec. 7-T31N-R4W

COUNTY, STATE: Rio Arriba, New Mexico

DATE: 6-4-82

Co. SUPERVISOR D. Pate

SURFACE
CASING: 600' Ft.
SIZE: 10-3/4"
WT: 40.5 #
GRADE: K-55Cemented: 600 sxs
Class "B"PRODUCTION
CASING: Ft.
SIZE: 4-1/2"
WT: 11.6 #
GRADE: K-55 & N-80Cemented:
1st stg: 400 sxs.
50-50- Poz
2nd stg: 525 sxs 50-
50 PQRNER: N.A. Ft.SIZE: _____
WT: _____
GRADE: _____
(IF NONE: SO STATE)Proposed:
TOP
PERF: 8,064'BOTTOM
PERF: 8,166'

PBDT: 8,203'

TD: 8,250'

Otis S.S.
@ 3,805'DV tool @
6,005'

Tools & String Make-up

TUBING DATA

SIZE	2-3/8"
WT.	4.7 #
GRADE	J-55
THDS.	EVE

SUCKER RODS N.A.

DIA.	No.	FEET
TOTAL		

ITEM	FEET	JOINTS	MAKE	MODEL
KB.				
TBG.				
TOTAL				

PUMP

☐ ROD☐ SUBMERSIBLE☐ HYDRAULIC

MAKE:

SIZE:

REMARKS:

REMARKS: