

4/5

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.)

RECEIVED

JAN 21 1983

O. C. D.

ARTESIA OFFICE
79701-4493

1. oil ☐ gas ☒ other ☐

2. NAME OF OPERATOR

Mesa Petroleum Co.

3. ADDRESS OF OPERATOR

1000 Vaughn Bldg., Midland, TX

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

AT SURFACE: 1980' FSL & 1980' 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:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) ☐

5. LEASE

NM-14982

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Stancel Federal

9. WELL NO.

3

10. FIELD OR WILDCAT NAME

Pecos Slope Abo

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

Sec. 22, T5S, R24E

12. COUNTY OR PARISH 13. STATE

Chaves

New Mexico

14. API NO.

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

4031.4' GR

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

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MAY 21 1982

OIL & GAS

U.S. GEOLOGICAL SURVEY

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all 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.)*

Work commenced 4/14/82. RU pump truck & killed well w/60 bbls 2% KCL wtr. NU BOP. PU 14 jts tbg; tagged fill @ 4243'. POH w/tbg. Pumped 60 bbls 2% KCL wtr down well; ran CBL - tagged fill @ 4250'. Ran CBL from 4250 - 3450'; log showed good bond over Abo. RU wireline & ran base temperature & gamma ray logs. RU Halliburton; pumped 100 bbl dummy stage tagged w/RA material. Ran temperature & gamma ray logs - logs showed all perms took fluid. Fracture treated Abo perms 3667 - 3932' w/89,000 gals of a 75/25 mixture of X-linked gel & CO₂ using 21,500# 100 mesh sd & 364,000# 20/40 sd. Screened out @ end of 6# 20/40 sd stage. Shut well in 1 hr; opened on 1/2" ck - well flowed 50 BLW & died. Pumped 33 bbls 2% KCL wtr down csg - pressured to 3800 psi - unable to circulate out tbg. Bled pressure down to 580 psi - well would flow out csg. RU Nowsco coiled tbg unit. WIH w/1" coiled tbg - tagged sd fill @ 3100'.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED

Cathy Wilkerson

TITLE Prod. Rec. Analyst DATE 5/18/82

ACCEPTED FOR RECORD

(Leave space for Federal or State office use)

APPROVED BY (Orig. Sgd.) PETER W. CHESTER TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

JAN 19 1983

XC: USGS(6), ELB, TLS, CEN TCDS, ACCTG, ROSWELL, MEC, LAND, PARTNERS, FILE

MINERALS MANAGEMENT SERVICE
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

NM-14982
Stancel Federal #3
Subsequent Report of Fracture Treatment
Page -2-

Circulated sd fill out to 3500' - well started flowing. POH w/coiled tbg. Flowed well on 3/4" ck - FTP 180 psi, CP 570 psi - made large amount of sand. Flow tested for about one week. Killed well w/50 bbls 2% KCL wtr. PU 9 jts 2-3/8" tbg; tagged fill @ 3831'. POH w/tbg. WIH w/hydrostatic bailer & cleaned sd fill from 3831 - 3923'. Unable to clean any deeper - sd was harder. WIH w/tbg & SN, set SN @ 3565'. ND BOP, NU tree. Made 2 swab runs, & well kicked off. Flow tested on 3/4" ck, FTP 60 psi, CP 320 psi. Ran gamma ray log; tagged sd fill @ 3810' (perfs 3836-45, 3854-56 & 3912-32 covered). Log showed all zones above fill were treated. Turned well down sales line 5/13/82.