

N.M.Q.C.D. COPY

Form 9-331
Dec. 1973UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm Approved.
Budget Bureau No. 42-R1424

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 ☒ other ☐

2. NAME OF OPERATOR

Mesa Petroleum Co.

3. ADDRESS OF OPERATOR

1000 Vaughn Bldg. / Midland, TX 79701

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

AT SURFACE: 2080' FNL & 1650' FEL
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* ☐

SUBSEQUENT REPORT OF:

☐☐☐☐☐☐☐☐

(NOTE: Report results of multiple completion or zone change on Form 9-331-C)

(other) Subsequent report of Bring cmt up to intermediate casing

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.)*

Work commenced 5/29/81. Moved in well servicing unit. Set FSG blanking plug in PN @ 8626'. Loaded tbg w/2% KCL; tested tbg & csg to 1000 psi-OK. Released on-off tool; spotted 20' of sand on top plugged pkr @ 8626. Went in hole to 7400' w/3-7/8" bit. Ran csg inspection log from 7350-1550'. Perfed 2 .34" holes @ 6310'. Set pkr @ 5914'. Attempted to pump into squeeze perfs but unable to at 2500 psi. Spotted 100 gals 15% acid across perfs. Pumped into perfs @ 2-1/2 BPM & 2500 psi, but unable to break circ out 8-5/8" csg. Pumped 300 gals 15% acid, still w/no returns through 8-5/8". Pumped 100 sx Class "C" w/2% CaCl, displaced cmt 200' below pkr. Ran temperature survey & tagged cmt @ 6021'. Did not locate cmt top. Pulled pkr out of hole. Ran cmt bond log from 5850-1587'. Log indicated top of cmt @ 5350'. Perfed 2 .34" holes @ 5300'. Set pkr @ 4900'. RU Halliburton. Pumped down tbg into squeeze perfs @ 5300' & broke circ out 8-5/8" csg. Pumped 100 gals 15% acid followed by 1300 sx Halliburton Lite w/18% Cont'd on attchmt. Set @ _____ Ft.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Cathy Wilkerson TITLE Prod. Rec. Analyst DATE 6/16/81 ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:XC: USGS(3), TLS, MEC, LAND, CENT RCDS, ACCTG, ED BANN, PARTNERS, FILE U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

RECEIVED

JUN 26 1981

O. C. D.
REGIONAL OFFICE

RECEIVED

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

JUN 24 1981

NM-7066, Wells Federal #2

Mesa Petroleum Co.

Subsequent Report of Bring cmt up to intermediate csg.

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salt, 4# gilsonite & 1/4# flocele + 100 sx Class "C" w/2% CaCl. Displaced cmt 200' below pkr. Circ 100 sx to pit; WOC. Pulled pkr out of hole. Picked up 3-7/8" bit & 2 3-1/8" DC & went in hole w/2-3/8" tbg. Tagged cmt @ 5014'. Drilled cmt from 5014-5312'; fell free; drilled stringers to 5355'. Tested csg to 500 psi-OK. Tagged cmt @ 5961'. Drilled cmt from 5961-6322'; fell free. Went in hole to 8626', reversed sand off pkr. Circ hole w/2% KCL wtr. Pulled bit & DC's out of hole. Picked up top portion of on-off tool & went in hole to 8616'. Swabbed tbg & csg to 6000' w/swab-tagged fluid. Waited 2 hrs; fluid level rose 400'. Loaded hole & pressured to 1000 psi-leaked to 600 psi in 5 min. Set pkr @ 6345' & tested csg below pkr to 2000 psi-OK. Tested csg above pkr to 1200 psi-leaked 200 psi/min. Reset pkr to 6221'. Tested csg above pkr to 1200 psi-OK. Spotted 20' of sand on top of pkr at 8626'. Spotted 100 gals 15% HCL acid @ 6310'. Set pkr @ 5914'. Opened pkr by-pass & spotted 50 sx Class "C" w/.6% Halad 9 in tbg above pkr, closed by-pass & pumped 50 sx Class "C" w/2% CaCl @ 1 BPM & 2800 psi. Displaced cmt 196' below pkr @ 1/2 BPM & 3100 psi. Pulled pkr out of hole, picked up bit & DC's & went in hole. Tagged cmt at 6060'. Drilled cmt to 6320'; fell free, tested csg to 1000 psi-OK. Went in hole to 8601'. Reversed sand off pkr @ 8626'. Circ hole w/2% KCL wtr. Pulled bit & DC's out of hole. Picked up upper portion of on-off tool & seating nipple & went in hole to 8610'. Swabbed tbg & csg down to 6200'. Latched onto on-off tool. Pulled pkr set @ 8626'. Went in hole w/seating nipple on 2-3/8" tbg & landed @ 8706'. Made 4 swab runs, TP 200 psi, CP 400 psi. Turned down sales line.