

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
Mesa Grande Resources, Inc.
3. ADDRESS OF OPERATOR
1200 Philtower Bldg, Tulsa, Okla. 74103
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1653.23 from No. Line; 975.46 from W. Line
AT SURFACE: of Section 32.
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:

RECEIVED

MAY 31 1983

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

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(other) updated Completion Progress Report

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.)*

Completion Progress Report:

5/20/83: Drilled out cement to 5348'. Perforated 5252-68, 5225-46.

5/21/83: Ran 168 joints of 2-3/8" tubing to 5256. Spotted 300 gallons acid. Pulled tubing and acidized with 3,000 gallons 7 1/2% HCl and 50 ball sealers. Foam fracture treated using 70 quality foam and 35,000# 20-40 sand, 40,000# 10-20 sand. Maximum pressures 1900# casing, 3,000# tubing. Flowed well until 7:00 P.M. Shut-in over night with 400# on casing. Estimated recovery to date 350 barrels load water; 300 bbls left to recover.

5/22/83: Over night shut-in pressure 780#. Opened well and died; kicked off at 8:30AM. Shut-in at 4:14 PM with 950# pressure on casing. Estimated recover to date 150 bbls. load water.

5/23/83: Overnight shut-in casing pressure 975#. Perforated Menefee Formation at following intervals: 5129-33, 5032-41, 4948-58, 4905-16, 4895-4903. Set retrievable bridge plug at 5154'.

---continued on back page---

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

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

SIGNED E. Allen Phillips TITLE President DATE May 27, 1983

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

JUN 13 1983

NMOSCC

*See Instructions on Reverse Side

FARMINGTON DISTRICT

SM

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Completion Progress Report continued from front page 214-149

5/24/83: Commenced fracture treatment of Menefee Formation at 9:30 A.M. Spotted 250 gallons of acid. Pulled

tubing and acidized with 3000 gallons 7½% HCl (with clay stabilizer). Fracture treated using 70,000 gallons of 70 quality foam, 60,000# 20-40 sand, 38,000# 10-20 sand. Maximum pressures : 3500# tubing, 2500# casing. Flowed back from 3:00 to 10:00 P.M. Shut-in with 150# pressure.

5/25/83: Overnight shut-in pressures: 1500# tubing, 1000# casing. Opened well with 150# FTP. Well flowed at estimated rate of 250 MCFGPD. Killed well at 1:00 P.M. and pulled up to 2950. Perforated Pictured Cliffs 2920-26, 2899-2907.

5/26/83: Broke down perforations with 1000 gallons 7½% HCl and 30 ball sealers. Foam fracture treated with 32,000 gallons of 70 quality foam and 35,000# 20-40 sand. Shut-in for 2 hours, opened well at 12:00 noon. Flowed until 9:30 P.M. Shut-in with 100# FTP. Estimated flow 666 MCFGPD.

Well head testing and flow meter charts will be made when frac waters and nitrogen emulsions have been sufficiently vented to permit accurate testing of the well. Above calculations are accurate estimates at this time.