STATE OF NEW MEXICO Revised 10-1-78 ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION 5a. Indicate Type of Lease P. O. BOX 2088 DISTRIBUTION Fee XX State SANTA FE SANTA FE, NEW MEXICO 87501 5. State Oil & Gas Lease No. FILE U.S.G.S. WILL COMPLETION OR RECOMPLETION REPORT AND LOG LAND OFFICE OPERATOR IG. TYPE OF WELL 7. Unit Agreement Name b. TYPE OF COMPLETION 8. Farm or Lease Name MEN X WORK Brown 2. Name of Operator #1 Mesa Grande Resources, Inc. 3. Address of Operator 63. 10. Field and Pool, or Wildcat 1200 Philtower Building, Tulsa, Oklahoma 74103 Gavilan Mancos 4. Location of Well 850 __ FEET FROM THE South 1850 N LOCATED ___ LINE AND THE West LINE OF SEC. .25N Rio Arriba TWP. RGE. NMPM 15. Date Spudded 16, Date T.D. Reciched 17, Date Compl. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR, etc.) 19. Elev. Cashinghead 07/18/84 08/06/84 03/20/85 7184 GR 7184 20. Total Depth 21. Plug Back T.D. 22. If Multiple Compl., How 23. Intervals , Rotary Tools
Drilled By : Surf-TD Cable Tools Many 8317 8215 Two Surf-TD 24. Producing Interval(s), of this completion - Top, Bottom, Name 25, Was Directional Survey 7340-52 Lower Mancos 7442-7530' Yes 15. Type Electric and Other Logs Run 27. Was Well Cored Induction Log 28. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB./FT. DEPTH SET HOLE SIZE AMOUNT PULLED CEMENTING RECORD -112 sx Class B w/2% CaCl 9 5/8" 36# 217 12¹2" -0-132 cf 8 3/4" 23# and 26# 8215' (see attachment) #28 -0-2215 CF LINER RECORD 30. TUBING RECORD SIZE BOTTOM TOP SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 3/8" 7686 7686 11. Perforation Record (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED Lower Mancos 7340-52', 6 holes, .31" dia 7442-7530 3000 gals. MRS-1, 2500 gals. 7442-7530', 20 holes, 7岁% HCI .31" dia 7340-7352 2000 gals. MRS-1, 1000 gals. 7½% HCI (see attachment for frac **PRODUCTION** Oate First Production 03/02/85 Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) CMI 456 - 148" stroke, Ajax E42 Pumping Shut-in ate of Test OII - Bbl. Hours Tested Choke Size Prod'n. For Gas - MCF Water - Bbl. Gas - Oil Ratio Test Period 3/4" 03/20/85 24 55 721:1 39.7 Calculated 24low Tubing Press. Casing Pressure OIL - Bbl Gus - MCF Water - Bbl. Oil Gravity - API (Corr.) 35# 55 10 39.7 4. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By Fuel, vented Ron Sorrow 5. List of Attachments 8 (Cementing record) and #32 (Frac Summary)

6. I hereby certify that the information shown on bath sides of this form is true and complete to the best of my knowledge and belief.

SUNTOP X

This form is to be filled with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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Mesa Grande Resources, Inc. 1200 Philtower Building Tulsa, Oklahoma 74103

Attachment to Form C-105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG for the Brown #1 Well dated 5/29/85

28. PRODUCTION CASING AND CEMENTING RECORD

- a. 7" 23# and 26# K-55, set at 8,215' in 8.75" hole.
- b. Cementing Record (3 stage)
 - 1. 100 sx 65/35 Poz mix with 1/4# cello flake and 10% salt. Tailed in with 340 sx RFC. Interval: 8,215'-6,260'.
 - 2. 100 sx 65/35 Poz mix with 6% gel, 1/4# cello flake and 10% salt. Tailed in with 345 sx RFC. DV tool at 6,212'. Top cement 4,310'.
 - 3. 100 sx 65/35 Poz mix with 6% gel, 1/4# cello flake and 10% salt. Tailed in with 320 sx 50/50 Poz mix with 2% gel, 10% salt and 1/4# cello flake. DV tool at 3,932'. Top cement 1,950'.

32. ACID AND FRAC, ETC.

The Carlile interval (7,704'-7,748') and Lower Mancos interval (7,340'-7,352', 7,442'-7,530') were fraced together.

FRAC: 50 BPM with 2780 bbls. 40# and 30# crosslinked gells with 146,000# 20/40 sand. All fluids had 5% diesel, 2% KCI and clay stabilizer and surfactant.