

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Brown
9. Well No.
#1

10. Field and Pool, or Wildcat

Gavilan Mancos

12. County
Rio Arriba

1a. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐OTHER ☐

2. Name of Operator

Mesa Grande Resources, Inc.

3. Address of Operator

1200 Philtower Building, Tulsa, Oklahoma 74103

4. Location of Well

UNIT LETTER N LOCATED 850 FEET FROM THE South LINE AND 1850 FEET FROMTHE West LINE OF SEC. 17 TWP. 25N RGE. 1W NMPM

15. Date Spudded

07/18/84

16. Date T.D. Reached

08/06/84

17. Date Compl. (Ready to Prod.)

03/20/85

18. Elevations (DF, RKB, RT, GR, etc.)

7184 GR

19. Elev. Casinghead

7184

20. Total Depth

8317

21. Plug Back T.D.

8215

22. If Multiple Compl., How
Many Two23. Intervals
Drilled ByRotary Tools
Surf-TD

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

Lower Mancos 7340-52'
7442-7530'25. Was Directional Survey
Made

Yes

26. Type Electric and Other Logs Run

Induction Log

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	217'	12 1/4"	112 sx Class B w/2% CaCl	-0-
				132 cf	
7"	23# and 26#	8215'	8 3/4"	(see attachment) #28	-0-
				3215 cf	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	7686	7686

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

Lower Mancos 7340-52', 6 holes, .31" dia
7442-7530', 20 holes,
.31" dia

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7442-7530	3000 gals. MRS-1, 2500 gals. 7 1/2% HCl
7340-7352	2000 gals. MRS-1, 1000 gals. 7 1/2% HCl (see attachment for frac)

3. PRODUCTION

#32

Date First Production 03/02/85	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping CMI 456 - 148" stroke, Ajax E42	Well Status (Prod. or Shut-in) Shut-in
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Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
03/20/85	24	3/4"		55	39.7	10	721:1
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
--	35#		55	39.7	10	43	

4. Disposition of Gas (Sold, used for fuel, vented, etc.)

Fuel, vented

Test Witnessed By
Ron Sorrow

5. List of Attachments

8 (Cementing record) and #32 (Frac Summary)

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

GARY D. R. Patten

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.