

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 ☐ Fee ☒

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

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

c. Name of Operator

Mesa Grande Resources, Inc.

d. Address of Operator

1200 Philtower Building, Tulsa, Oklahoma 74103

e. Location of Well

NIT LETTER N LOCATED 850 FEET FROM THE South LINE AND 1850 FEET FROM

West 17 TWP. 25N RGE. 2W NMPM

LINE OF SEC.

12. County Rio Arriba

5. Date Spudded 7/18/84 16. Date T.D. Reached 8/06/84 17. Date Compl. (Ready to Prod.) 02/28/85 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 Two 23. Intervals Drilled By Rotary Tools Surf-TD Cable Tools

4. Producing Interval(s), of this completion - Top, Bottom, Name Carlile 7704-7748' Dakota 7930-7938'; 8015-8030' 25. Was Directional Survey Made Yes

6. Type Electric and Other Logs Run Induction Log - no other logs run due to hole problems 27. Was Well Cored No

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 1/2"	112 sx Class B w/2% CaCl	-0-
7"	23# & 26#	8215'	8 3/4"	(see attachment) #28	-0-

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8"	7686
						7686

1. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
Carlile: 7704-48' 15 holes, .38" dia.		7930-38' and	2500 gals. 15% HCl-Fraced w/65000
Dakota: 7930-38'		8015-30'	gals. 80% N2 foam
8015-30' 46 holes, .38" dia.		7704-48'	2000 gals. MRS-I & 1500 gals.
			7 1/2% spearhead-see attachment #32

3. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
02/12/85		Flowing				Shut-in <del>TA</del>	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
02/26/85	24	3/4"		56	75	5	1339:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
50#	600#		56	75	5	48	

4. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By Ron Sorrow

5. List of Attachments #28 (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.

*Antonio A. Kuller*



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.