

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. 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 F LOCATED 1850 FEET FROM THE North LINE AND 1651 FEET FROM
West LINE OF SEC. 23 TWP. 25N RGE. 2W NMPM

15. Date Spudded 10/10/83 16. Date T.D. Reached 10/31/83 17. Date Compl. (Ready to Prod.) 4/21/84 18. Elevations (DF, RKB, RT, GR, etc.) 7282 GR 19. Elev. Casinghead

20. Total Depth 8020 21. Plug Back T.D. 8011 22. If Multiple Compl., How Many 2 Zones 23. Intervals Drilled By Rotary Tools Cable Tools
All Rotary

24. Producing Interval(s), of this completion - Top, Bottom, Name
7531-7849, Commingled Dakota-Greenhorn

25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run ISFL, FDC-CNL, CBL 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
8 5/8"	5 Joints 24lb.	214	12 1/4"	340 cubic feet	
5 1/2"	16 Joints 17lb.	8011	7 3/4"	2651 cubic feet	
	174 Joints 15lb.			2732	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
				2 1/16"

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 1/16"	7520	7390

31. Perforation Record (Interval, size and number)
Selectively Perforated 17 0.34" holes as follows:
7531, 7536, 7542, 7546, 7555, 7560, 7566, 7587,
7600, 7609, 7615, 7622, 7627, 7631, 7635, 7641,
7647 (see attachment for Dakota Perfs)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7531-7647	18,400# 20-40 Mesh Sand
	1500 Gal. 7 1/2% HCl, 30 Ball Sealers
	7182 Gals. 75 Quality N ₂ Foam
(see attachment)	Avg. Treating Pressure 3300#

33. PRODUCTION

Date First Production 3/23/84 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut-In

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/21/84	24	1 1/2"		83	2465	8	29,699

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
500#	770#					Est. 60° API

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

35. List of Attachments
Dakota Perfs & Treatment (Logs sent with Form No. C-107)

36. 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.

SIGNED Daniel J. Acquaviva TITLE Chief Geologist DATE April 25, 1984

Daniel J. Acquaviva

INSTRUCTIONS

This form is to be filed 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 pressure-velocity logs run in 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 filed in quintuplicate except on state land, where six copies are required. See Rule 1355.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 3086	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 3245	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 3366	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 5079	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 5179	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 5509	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 5685	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____ 6601	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____ 7649	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 7754	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____ 7995	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

MESA GRANDE RESOURCES #1 GAVILAN-HOWARD

Attachment to Form No. C-105

31. Perforation Record

Selectively Perforated 16 0.34" holes as follows:
7665, 7725, 7728, 7733, 7763, 7765, 7825, 7827,
7829, 7830, 7832, 7841, 7843, 7845, 7847, 7849

32. Depth Interval

Amount and Kind Material Used

7667-7849

1500 Gals. 7 1/2% HCl
25,000# 20-40 Mesh Sand
16,842 Gals. 75 Quality N₂ Foam, 32 Ball
Sealers
Avg. Treating Pressure 2100#