

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 ☐

1b. 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

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

#1 Gavilan-Howard

10. Field and Pool, or Wildcat

Gavilan Mancos

12. County

Rio Arriba

15. Date Spudded

10/10/83

16. Date T.D. Reached

10/31/83

17. Date Compl. (Ready to Prod.)

4/23/84

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

6659-7370, Mancos

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"	2681 cubic feet	
	174 Joints 15lb			2739	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 1/16"	6420	6401
							7310

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

Selectively Perforated 37 0.27" holes as follows:
6659, 6670, 6705, 6714, 6720, 6730, 6739, 6759,
6768, 6774, 6790, 6794, 6811, 6819, 6830, 6836,
6851, 6865, 6910, 6921, 6924, 6929, 6937, 6940,
6970, 6974, 7048, 7053, 7060, 7065, 7293, 7303,

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6659-7370	2000 Gals. 7 1/2% HCl
	79,000# 20-40 Sand, 50 Ball Sealer
	18,060 Gals. 75% Quality N ₂ Foam
	Avg. Treating Pressure 2300#

33. PRODUCTION

Date First Production 4/8/84	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing
Date of Test 4/11/84	Hours Tested 24	Choke Size 1 1/2"
Prod'n. For Test Period	Oil - Bbl. 75	Gas - MCF 2712
	Water - Bbl. 34	Gas - Oil Ratio 36,160
Flow Tubing Press. 575#	Casing Pressure 850#	Calculated 24-Hour Rate
	Oil - Bbl.	Gas - MCF
	Water - Bbl.	Oil Gravity - API (Corr.) Est. 45° API

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

Vented

Test Witnessed By

R. Sorrow

35. List of Attachments

None (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 resistivity 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 3a through 3d 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 <u>3086</u>	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland <u>3245</u>	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>3366</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House <u>5079</u>	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee <u>5179</u>	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout <u>5509</u>	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos <u>5685</u>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup <u>6601</u>	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn <u>7649</u>	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota <u>7754</u>	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison <u>7995</u>	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

ONE OR TWO CARDS OR INDEXES

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, 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