

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. RESVR. ☐

OTHER ☐

2. Name of Operator

JEROME P. McHUGH

3. Address of Operator

P O Box 809, Farmington, NM 87499

4. Location of Well

UNIT LETTER K LOCATED 1850 FEET FROM THE South LINE AND 1850 FEET FROM

THE West LINE OF SEC. 3 TWP. 24N RGE. 2W NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Mother Lode

9. Well No.

2

10. Field and Pool, or Willcat

Gavilan Mancos

12. County

Rio Arriba

15. Date Spudded

11-20-85

16. Date T.D. Reached

12-7-85

17. Date Compl. (Ready to Prod.)

1-23-86*

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

7175' GL; 7187' KB

19. Elev. Casinghead

7175' GL

20. Total Depth

8005' KB

21. Plug Back T.D.

7937' KB

22. If Multiple Compl., How Many Mancos only. DK completion postponed.

23. Intervals Drilled By

Rotary Tools TD

Cable Tools

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

6650-6882', Mancos

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Dual Ind. SFL, FDC Neutron, GR-CCL

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	270' KB	12-1/4"	159 cf class B w/ 2% CaCl	---
5-1/2"	17 & 15.5	7993' KB	7-7/8"	See reverse.	---

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-7/8"	6892' KB	

31. Perforation Record (Interval, size and number)

See reverse

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6650-6882	500 gal. 7 1/2% HCL
	73,960 gal. 30# gelled water
	89,000# 20/40 sand

33. PRODUCTION

Date First Production *1-23-86 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing test; plan to flow Well Status (Prod. or Shut-in) SI

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2-14-86	6	0.75"		68	29	40**	426
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
170	875 SI		272	116	160**	42°	

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

Vented during test; to be sold.

Test Witnessed By
Brasuel

35. List of Attachments

*Date of 1st new oil to tank during completion operations. **Frac water only

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 James S. Hazen

TITLE Field Supt.

DATE 3/5/86

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 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 filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 2800	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 3124/3185	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 3265	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 3300	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 4973	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 5462	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 5700	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____ 7612	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 7715	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. *Menefee 5084
T. Tubb _____	T. Granite _____	T. Todilto _____	T. **Niobrara "A" 6645
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. Niobrara "B" 6825
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. Sanostee 7157
T. Wolfcamp _____	T. _____	T. Chinle _____	T. Carlile 7320
T. Penn. _____	T. _____	T. Permian _____	T. T. of Greenhorn 7538
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

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
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ITEM #28 - CEMENT

1st stage 591 cf: 425 sx 50/50 poz
 w/ 2% gel, 61#/sk gilsonite & 1#/sk
 flowseal. 2nd stage 868 cf: 225 sx
 65/35 poz w/ 12% gel & 1#/sk flow-
 seal + 200 sx 50/50 poz w/ 2% gel,
 61#/sk gilsonite & 1#/sk flowseal.
 3rd stage 1283 cf: 450 sx 65/35 poz
 w/ 12% gel & 1#/sk flowseal + 75 sx
 50/50 poz w/ 2% gel, 61#/sk gilsonite
 & 1#/sk flowseal. TOTAL OF 2742 cf

ITEM #31 - PERFORATIONS

6650, 52, 60, 62, 64, 74, 88, 92, 98;
 6708, 10, 12, 22, 24, 40, 52, 54, 66,
 80, 88; 6816, 24, 30, 36, 38, 44, 46,
 50, 52, 54, 56, 64, 66, 72, 80, 82.
 TOTAL OF 36 SHOTS.