

RECEIVED

Form C-105
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION

CONFIDENTIAL

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

8. Farm or Lease Name

Homestead Ranch

3. Address of Operator

P O Box 809, Farmington, NM 87499

9. Well No.

2

4. Location of well

UNIT LETTER N LOCATED 990 FEET FROM THE South LINE AND 1850 FEET FROMTHE West LINE OF SEC. 34 TWP. 25N RGE. 2W NMPM

10. Field and Pool, or Willcat

Gavilan Mancos

12. County

Rio Arriba

15. Date Spudded

2-5-85

16. Date T.D. Reached

2-20-85

17. Date Compl. (Ready to Prod.)

4-15-85

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

7210' GL; 7222' RKB

19. Elev. Casingshead

7210'

20. Total Depth

7950'

21. Plug Back T.D.

7898'

22. If Multiple Compl., How

Many

N/A

23. Intervals

Drilled By

Rotary Tools

TD

Cable Tools

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

6698-6946', Mancos

25. Was Directional Survey

Made

No

26. Type Electric and Other Logs Run

Induction, Compensated Density-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	229' RKB	12-1/4"	147.5 cf Class B + 2% CaCl ₂	---
5-1/2"	17	7947' RKB	8-1/2"	2294 cf in 3 stages	---
(See reverse.)					

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-7/8"	6954' KB	

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

6698; 6704, 06, 10, 23, 32, 35, 38, 56,
58, 60, 70, 85, 88, 97; 6801, 03, 13, 26, 36,
74, 83, 92, 98; 6900, 02, 09, 14, 21, 27, 30,
32, 41, 44, 46. Total of 35 holes.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6698-6946'	500 gal. 7 1/2% HCL + additives;
	84,500# 20/40 sand; 77,970 gal.
	30# gelled water

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
4-15-85		Flowing				Shut in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
5-16-85	3	2"		87.5 bbl.	32.5	1/2	371
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
72 psi	725 psi		700	260	4 (Frac water)	44°	

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

Vented

Test Witnessed By

James Hazen

35. List of Attachments

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 Hazen

TITLE

Field Supt.

DATE

5/21/85

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 _____ 3020	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland 3170/3260	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 3296	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 4995	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 5125	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 5487	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 5712	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____ **	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 7759	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. *Lewis 3350
T. Tubb _____	T. Granite _____	T. Todilto _____	T. **Niobrara 6692
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. Greenhorn 7578
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. Graneros 7652
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. 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
			<u>ITEM #28 - CEMENTING:</u> 370 sx 50/50 poz w/ 2% gel, 6# gilsonite & 1# flocele/sk (518 cf); 2nd stg 200 sx 65/35 poz w/ 12% gel & 1# flocele/sk & 200 sx 50/50 poz w/ 2% gel, 6# gilsonite & 1# flocele/sk (722 cf); 3rd stg 420 sx 65/35 poz w/ 12% gel & 1# flocele/sk & 90 sx 50/50 pos w/ 2% gel, 6# gilsonite & 1# flocele/sk (1054 cf). <u>SQUEEZE HOLES IN 5½" CASING</u> at 3615' KB & 4920' KB between 3-14 & 3-29-85. Pumped 430 sx class "B" w/ 2% CaCl₂ & 0.6% Halad-9 (507.4 cf). Holes sealed off & held pressure test on 3/29/85.				