

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. E-6833	

1a. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐
NEW WELL ☒	WORK OVER ☐
1b. TYPE OF COMPLETION	
DEEPEN ☐	PLUG BACK ☐
OTHER ☐	

7. Unit Agreement Name
8. Farm or Lease Name Lim

2. Name of Operator T. H. McELVAIN OIL & GAS PROPERTIES	
3. Address of Operator Post Office Box 2148, Santa Fe, New Mexico 87504-2148	

9. Well No. #1
10. Field and Pool, or Wellcat Lybrook Gallup Ext

4. Location of Well	
UNIT LETTER M	LOCATED 1250 FEET FROM THE South LINE AND 850 FEET FROM THE West LINE OF SEC. 36 TWP. 24N RGE. 7W NMPM

12. County Rio Arriba

15. Date Spudded 7/14/88	16. Date T.D. Reached 7/21/88	17. Date Compl. (Ready to Prod.) 9/28/88	18. Elevations (DF, RKB, RT, GR, etc.) 6906 KB
20. Total Depth 5700	21. Plug Back T.D. 5652	22. If Multiple Compl., How Many one	23. Intervals Drilled By Rotary Tools 0-5700

19. Elev. Casinghead 6894 6893 GL

24. Producing Interval(s), of this completion - Top, Bottom, Name Upper Gallup 5038-5393 Lower Gallup 5516-5589	
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25. Was Directional Survey Made Yes - Totco
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26. Type Electric and Other Logs Run DIL/SFL FDC

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"	24# J-55	268	12-1/4"	200 sks (236 lbs) C1.B	
				+ 2% CaCL & 1/4# Celoflake Circ.	
4-1/2"	10.5# J-55	5693	7-7/8"	2 stages (see attached)	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	5545

31. Perforation Record (Interval, size and number) 5576-89, 5556-62, 5516-28 13 shots/zone 5379-98, 5281-89, 5164-73, 5038-53 10 shots/zone		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		5516-5539	1st Stage Frac
		5033-5398	2nd Stage Frac

33. PRODUCTION							
Date First Production 9/29/88		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 9/29/88	Hours Tested 12 hrs	Choke Size 1/2"	Prod'n. For Test Period →	Oil - Bbl. 23	Gas - MCF 50	Water - Bbl. 15*	Gas - Oil Ratio 1786
Flow Tubing Press. 20 psi	Casing Pressure 450 psi	Calculated 24-Hour Rate →	Oil - Bbl. 56	Gas - MCF 100	Water - Bbl. 30*	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented--to be sold	Test Witnessed By Joe Elledge
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35. List of Attachments Addendum to Items #23 & #32	* frac water
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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 <u>George B. Broome</u>	TITLE <u>Geological Engineer</u>	DATE <u>October 5, 1988</u>

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 radioactivity 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 29 through 34 shall be reported for each zone. The form is to be filed in triplicate 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 <u>1537</u>	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland <u>*</u>	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>2015</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House <u>3543</u>	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee <u>3599</u>	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout <u>4293</u>	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos <u>4588</u>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup <u>5162</u>	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. *Kirtland <u>1684</u>
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. *Fruitland <u>1865</u>
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

OIL OR GAS		SANDS OR ZONES	
No. 1, from 5038	to 5058	No. 4, from 5516	to 5528
No. 2, from 5164	to 5173	No. 5, from 5556	to 5562
No. 3, from 5281	to 5289	No. 6, from 5576	to 5589
5379	5398		

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 _____

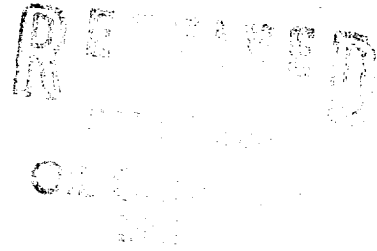
No. 3, from _____ to _____ feet _____

No. 4, from _____ to _____ feet _____

FORMATION RECORD (Attach additional sheets if necessary)

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

Attachment to Form C-105
Well Completion Report for the
Lim #1 SW/4 SW/4 Sec 36, 24N, 7W
Rio Arriba County, New Mexico



#28. Casing Record/Cementing Record

4-1/2" Production csg was cemented in two stages as follows:

1st stage: 265 sk (479 cu. ft.) 65-35 pozmix w/ 6% gel & 1/4# Cel-O-Seal per sk, followed by 175 sk (240 cu. ft.) 50-50 pozmix w/ 2% gel & 6-1/4# gilsonite per sk

DV tool @ 2164'

2nd stage: 185 sk (335 cu. ft.) 65-35 pozmix w/ 6% gel & 1/4# Cel-O-Seal per sk

#32. Acid, Shot, Fracture, Cement Squeeze, etc.

LOWER GALLUP

5516'-5589' Frac w/ 1723 bbls 1% KCl water & 52,000# 20/40 sd. AIR 40 BPM; AIP 2400 psi; ISIP 1100 psi; 15 min SIP 1000 psi

UPPER GALLUP

5038'-5398' Spearheaded 500 gal 7-1/2% ac & frac w/ 3052 bbls 1% KCl water & 75,000# 20/40 sd. AIR 45 BPM; AIP 2700 psi; ISIP 1200 psi; 15 min SIP 1200 psi