

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-105  
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

1a. TYPE OF WELL		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>		8. Farm or Lease Name Dewey Bartlett	
2. Name of Operator JEROME P. McHUGH				9. Well No. 1	
3. Address of Operator P O Box 809, Farmington, NM 87499				10. Field and Pool, or Wildcat Gavilan Mancos	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1700</u> FEET FROM THE <u>South</u> LINE AND <u>800</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>4</u> TWP. <u>25N</u> RGE. <u>2W</u> NMPM				12. County Rio Arriba	
15. Date Spudded 12/13/86	16. Date T.D. Reached 12/28/86	17. Date Compl. (Ready to Prod.) 3/11/87	18. Elevations (DF, RKB, RT, GR, etc.) 7610' GL	19. Elev. Casinghead 7610' GL	
20. Total Depth 8450'	21. Plug Back T.D. 8283'	22. If Multiple Compl., How Many NA	23. Intervals Drilled By Rotary Tools TD	Cable Tools	
24. Producing Interval(s), of this completion - Top, Bottom, Name 7018-7493', Mancos				25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Dual Induction Guard, Spectral Density Dual Spaced Neutron, Depth Control				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	252' KB	12-1/4"	165 cf Class B w/ 2% CaCl <sub>2</sub>	---
5-1/2"	15.5 & 17	8445' KB	7-7/8"	2401 cf in 3 stages - see reverse.	---
29. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD
None					SIZE 2-7/8"
					DEPTH SET 7526' KB
					PACKER SET ---
31. Perforation Record (Interval, size and number) 7018, 31, 45, 84, 91; 7101, 13, 79, 91; 7209, 11, 24, 40, 42, 46, 58, 71, 75, 86; 7302, 19, 61, 67, 71, 81, 86, 92; 7413, 25, 31, 38, 54, 67, 79, 93. Total of 35 holes.			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
			7018-7493'		
			750 gal. 7 1/2% HCL		
			90,000# 20/40 sand		
			82,000 gal. 30# cross link gel		
			7,849 gal. 2% KCL water		
33. PRODUCTION					
Date First Production 2/24/87 *		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Testing
Date of Test 3/11/87	Hours Tested 3	Choke Size ---	Prod'n. For Test Period →	Oil - Bbl. 7	Gas - MCF 6
Flow Tubing Press. 55 psi	Casing Pressure 500 psi	Calculated 24-Hour Rate →	Oil - Bbl. 56	Gas - MCF 48	Water - Bbl. 120**
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented; to be sold			Test Witnessed By M. Brasuel		
35. List of Attachments *1st new oil to tanks during completion operation **Frac water					
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.					

P. J. H.

Jerome P. McHugh

Field Sup.

C-105 (2)

## 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 _____	3504	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	3702	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	3836	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	* 5600	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	5696	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	5992	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	6225	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	6792	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	** 8055	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	8164	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____		T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____		T. * Lewis 3897
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____		T. _____
T. Abo _____	T. Bone Springs _____	T. Wingare _____		T. **Niobrara "A" 7175
T. Wolfcamp _____	T. _____	T. Chinle _____		T. Niobrara "B" 7238
T. Penn. _____	T. _____	T. Permian _____		T. Niobrara "C" 7358
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____		T. Sanoste 7684
OIL OR GAS SANDS OR ZONES				T. Carlile 7792
No. 1, from _____ to _____	No. 4, from _____			T. Greenhorn 7983

## 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
Item 28 - Cementing of 5-1/2" casing:							
			Stage tools located at 6243' and 3957'.				
			Cemented 1st stage as follows: 10 bbls. mud flush followed by 360 sk 50/50 poz with 2% gel, 6-1/4 #/sk Kolite and 1/4 #/sk celloflake (500 cu. ft.) Plug down at 1:30 am on 12/29/86. Opened D.O. tool at 6245'. Rigged up and circulated 3 hours with rig pump.				
			Cemented 2nd stage as follows: 10 bbls. mud flush followed by 160 sk 65/35 poz with 12% gel and 1/4 #/sk celloflake 200 sk 50/50 poz with 2% gel, 6-1/4 #/sk Kolite and 1/4 #/sk celloflake (697 cu.ft.) Plug down at 5:45 am on 12/29/86. Opened D.O. tool at 3957' and circulated with rig pump for 2 hours.				
			Cemented 3rd stage as follows: 10 bbls. mud flush followed by 420 sk 65/35 poz with 12% cel and 1/4 #/sk celloflake 75 sk 50/50 poz with 2 % gel, 6-1/4 #/sk Kolite and 1/4 #/sk celloflake (1204 cu.ft.) Plug down at 9:10 am on 12/29/86.				
			Full returns throughout all 3 stages with 20 bbls. of cement circulating to surface.				