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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E1085

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Gallagher "8" State	
2. Name of Operator Southern Union Supply Company		9. Well No. 2	
3. Address of Operator Fidelity Union Tower, Dallas, Texas 75201		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 8 TWP. 17S RGE. 34E NMPM		12. County Lea	
15. Date Spudded 11/14/75	16. Date T.D. Reached 12/13/75	17. Date Compl. (Ready to Prod.) 4127 KB 4104 GL	18. Elevations (DF, RKB, RT, GR, etc.) 4105
20. Total Depth 13510	21. Plug Back T.D. 13400	22. If Multiple Compl., How Many	23. Intervals Drilled By All
24. Producing Interval(s), of this completion - Top, Bottom, Name 13181 - 13364 Morrow			25. Was Directional Survey Made No
26. Type Electric and Other Logs Run Compensated Neutron-Formation Density, Dual Laterolog, Rxo			27. Was Well Cored No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
11 3/4	42#	350	17 1/2
8 5/8	24 & 32#	4143	11
5 1/2	17# N80 & SPS	13510	7 7/8
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
		None	
31. Perforation Record (Interval, size and number) 1 shot @ each: 13181, 13231, 13236, 13238, 13240, 13242, 13309, 13311, 13314, 13316, 13318, 13360, 13362, 13364.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 13181-13364 AMOUNT AND KIND MATERIAL USED 8000 gal 7 1/2% acid, 30,000 gal. Gel, 10,000 gal. CO₂, 33,000# 20-40 sand, 11,000# 20-40 Glass Beads	
33. PRODUCTION			
Date First Production Shut in	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Shut in
Date of Test 2/18/76	Hours Tested 1	Choke Size Adj.	Prod'n. For Test Period 9.1
Flow Tubing Press. 850	Casing Pressure PKR	Calculated 24-Hour Rate 218	Oil - Bbl. 1414
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented		Test Witnessed By	
35. List of Attachments Logs (DLL & CNL-FDC)			
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 D. Ellis		TITLE Chief Petroleum Engineer	
		DATE 2/27/76	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 <u>1560</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>12,566</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2826</u>	T. Miss <u>13,472</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3825</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4610</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>6045</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7395</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8077</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9715</u>	T. <u>Morrow Lime 12,928</u>	T. Chinle _____	T. _____
T. Penn. <u>10,105</u>	T. <u>Morrow Clastic 13,102</u>	T. Permian _____	T. _____
T. Cisco (Bough C) <u>11,071</u>	T. <u>First Miss 13,472</u>	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
12566	928	362	Atoka				
12928	13102	174	Morrow Lime				
13102	472	370	Morrow Clastic				
13472	510	38	First Miss				
			T.D. in Miss.				