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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 ☒	Fee ☐
5. State Oil & Gas Lease No. E 1085	

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

7. Unit Agreement Name
8. Farm or Lease Name Gallagher "8" State

2. Name of Operator Southern Union Supply Company
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9. Well No. 3

3. Address of Operator 1800 First International Bldg. Dallas, Texas 75270
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10. Field and Pool, or Wildcat North Vacuum
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4. Location of Well	
UNIT LETTER 0 LOCATED 1980 FEET FROM THE East LINE AND 660 FEET FROM	

12. County Lea	
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THE South LINE OF SEC. 8 TWP. 17-S RGE. 34-E NMPM

15. Date Spudded 9/23/76	16. Date T.D. Reached 11/25/76	17. Date Compl. (Ready to Prod.) 4/22/77	18. Elevations (DF, RKB, RT, GR, etc.) 4105.5 GL	19. Elev. Casinghead 4107
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20. Total Depth 13535	21. Plug Back T.D. 13478	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools All	Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name Morrow 13172 - 13492	25. Was Directional Survey Made No
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26. Type Electric and Other Logs Run CNL - FDC, DLL Cased Hole Gamma Ray Neutron, Cement Bond	27. Was Well Cored No
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28. CASING RECORD (Report all strings set in well)
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CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	362	17-1/2	400 sk	0
8-5/8	24, 32	4755	11	2100 sk	0
5-1/2	17	13535	7-7/8	1000 sk	0

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	13361.85	13361.85

31. Perforation Record (Interval, size and number) 13288-13302, 13310-13313 13376-13383, 13413-13420 13450-13460 4/ft. .25 Dia.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 13288-13302, 13310-13313 Squeezed 200 sk 13376-13383 } 10000 gal. acid. Frac W/40000 13413-13420 } gal. gelled water and 13450-13460 } 26000# Sand	
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33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
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35. List of Attachments

Well will be cleaned up by producing into the line and then tested. Data will be furnished later

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>Deane M. McKelvey</u>	TITLE <u>Drilling Engineer</u>	DATE <u>5/5/77</u>
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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

T. Anhy 1597 T. Canyon 11940
T. Salt 1765 T. Strawn 12218
B. Salt 2702 T. Atoka 12620
T. Yates 2907 T. Miss 13492
T. 7 Rivers 3010 T. Devonian _____
T. Queen 3803 T. Silurian _____
T. Grayburg 4375 T. Montoya _____
T. San Andres 4667 T. Simpson _____
T. Glorieta 6094 T. McKee _____
T. Paddock 6180 T. Ellenburger _____
T. Blinebry 6832 T. Gr. Wash _____
T. Tubb 7488 T. Granite _____
T. Drinkard 7922 T. Delaware Sand _____
T. Abo 8101 T. Bone Springs _____
T. Wolfcamp Shale 9726 T. _____
T. Penn. 10856 T. _____
T. Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
T. Kirtland-Fruitland _____ T. Penn. "C" _____
T. Pictured Cliffs _____ T. Penn. "D" _____
T. Cliff House _____ T. Leadville _____
T. Menefee _____ T. Madison _____
T. Point Lookout _____ T. Elbert _____
T. Mancos _____ T. McCracken _____
T. Gallup _____ T. Ignacio Qtzite _____
Base Greenhorn _____ T. Granite _____
T. Dakota _____ T. _____
T. Morrison _____ T. _____
T. Todilto _____ T. _____
T. Entrada _____ T. _____
T. Wingate _____ T. _____
T. Chinle _____ T. _____
T. Permian _____ T. _____
T. Penn. "A" _____ T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	352	352	Ogalalla	13172	13492	320	Morrow Clastic
352	1418	1066	Triassic	13492	13535	43	First Mississippian
1418	1597	179	Dewey Lake	13535			Total Depth
1597	1765	168	Anhydrite				
1765	2907	1142	Salado				
2907	3010	103	Yates				
3010	3803	793	7 Rivers				
3803	4375	572	Queen				
4375	4667	292	Grayburg				
4667	6094	1427	San Andres				
6094	6180	86	Glorieta				
6180	6832	652	Paddock				
6832	7488	656	Blinebry				
7488	7570	82	Tubbs				
7570	7922	352	Clear Fork				
7922	8101	179	Drinkard				
8101	9726	1625	Abo				
9726	10104	378	Wolfcamp shale				
10104	10776	672	Wolfcamp				
10776	10856	80	Kemnitz				
10856	11052	196	Dense zone				
11052	11432	380	Leamex				
11432	11637	205	Penn Shale				
11637	11940	303	Seaman				
11940	12218	278	Canyon				
12218	12372	154	Upper Strawn				
12372	12620	248	Strawn				
12620	12966	346	Atoka				
12966	13172	206	Morrow Lime				

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MAY 9 1977
OIL CONSERVATION COMM.
HOBBS, N. M.