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Form C-105
Revised 1-1-65

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

OCT 21 11 31 AM '65

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
K-2973

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐										7. Unit Agreement Name None	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐										8. Farm or Lease Name State I	
2. Name of Operator Southern Petroleum Exploration, Inc.										9. Well No. 1	
3. Address of Operator Box 1434, Roswell, New Mexico										10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 4 TWP. 8-S RGE. 33-E NMPM										12. County Chaves	
15. Date Spudded 9/28/65		16. Date T.D. Reached 10/7/65		17. Date Compl. (Ready to Prod.) 10/14/65		18. Elevations (DF, RKB, RT, CR, etc.) 4411 or		19. Elev. Casinghead 4412			
20. Total Depth 4500		21. Plug Back T.D. 4485		22. If Multiple Compl., How Many Single		23. Intervals Drilled By Rotary Tools		Cable Tools None			
24. Producing Interval(s), of this completion — Top, Bottom, Name 4246 - 4384 San Andres									25. Was Directional Survey Made Yes		
26. Type Electric and Other Logs Run Sonic Log-Gamma Ray, Laterolog and Microlaterolog									27. Was Well Cored No		
28. CASING RECORD (Report all strings set in well)											
CASING SIZE 8-7/8"	WEIGHT LB./FT. 20#	DEPTH SET 367	HOLE SIZE 11"	CEMENTING RECORD 190 cu. 50-50 cement		AMOUNT PULLED None					
4-1/2"	10.50#	4500	7-7/8"	350 Interior Tee		None					
29. LINER RECORD											
SIZE None	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD						
					SIZE 2"	DEPTH SET 4236	PACKER SET None				
31. Perforation Record (Interval, size and number) Shot 11 - .41" barless hole as follows: 4246, 4256, 4275, 4313, 4319, 4334, 4342, 4348, 4354, 4369, and 4384.					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 4246-4384 AMOUNT AND KIND MATERIAL USED Acidized w/2000 gals. 15% spearhead acid. Free with 25,000 gal. lease oil and 25,000 lbs. sand.						
33. PRODUCTION											
Date First Production 10/16/65		Production Method (Flowing, gas lift, pumping — Size and type pump) Flowing					Well Status (Prod. or Shut-in) Shut-in				
Date of Test 10/18/65	Hours Tested 6	Choke Size 15/64	Prod'n. For Test Period 192	Oil — Bbl. 48	Gas — MCF 36	Water — Bbl. 2	Gas/Oil Ratio 750-1				
Flow Tubing Press. 300#	Casing Pressure 1075	Calculated 24-Hour Rate 192	Oil — Bbl. 192	Gas — MCF 144	Water — Bbl. 8	Oil Gravity, API (Corr.) 24					
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented							Test Witnessed By B. D. Singletary				
35. List of Attachments Sonic Log-Gamma Ray, Laterolog and Microlaterolog											
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 B.C. Hick				TITLE District Land Manager			DATE 10/20/65				

INSTRUCTIONS

This form is to be filled 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 filled in quadruplicate 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	1890	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	2340	T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates		T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	2855	T. Devonian	T. Menefee	T. Madison
T. Queen		T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	3512	T. Montoya	T. Mancos	T. McCracken
T. San Andres		T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glodeta		T. McKee	T. Base Greenhorn	T. Granite
T. Padlock		T. Ellenburger	T. Dakota	T. Morrisson
T. Blinberry		T. Gr. Wash	T. Morriston	T. ?
T. Tubb		T. Granite	T. Todillo	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. ?

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	110	110	Surface and, Caliche				
110	1890	1780	Red Mud				
1890	2340	450	Argillite, Salt, Red				
2340	2490	150	Red Sand & Shale				
2490	2850	360	Argillite, Red Shale				
2850	2875	25	Red Sand				
2875	3512	637	Argillite, Red Shale				
3512	4500	988	Dolomite				