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Form C-105
Revised 1-1-65

WORKS OFFICE O. C. C.
 NEW MEXICO OIL CONSERVATION COMMISSION
 WELL COMPLETION OR RECOMPLETION REPORT AND LOG
 Dec 13 10 49 AM '65

5a. Indicate Type of Lease
 State Fee
 5. State Oil & Gas Lease No.

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
None
 8. Farm or Lease Name
Guy Smerlin

2. Name of Operator
Southern Petroleum Exploration, Inc.

9. Well No.
1

3. Address of Operator
P. O. Box 1434, Roswell, New Mexico

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. **19** TWP. **8-S** RGE. **33-E** NMPM

12. County
Chaves

15. Date Spudded **10/6/65** 16. Date T.D. Reached **11/4/65** 17. Date Compl. (Ready to Prod.) _____ 18. Elevations (DF, RKB, RT, GR, etc.) **4408 Gr** 19. Elev. Casinghead **4409**

20. Total Depth **9111** 21. Plug Back T.D. _____ 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By **Rotary Tools 0-9111** Cable Tools **None**

24. Producing Interval(s), of this completion - Top, Bottom, Name _____ 25. Was Directional Survey Made **Yes**

26. Type Electric and Other Logs Run **Sonic Log-Gamma Ray, Laterolog and Microlaterolog** 27. Was Well Cored **Yes**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	350'	17"	350 sz	None
8-5/8"	24# & 32#	3600'	11"	300 sz	840'
4-1/2"	10.50#	4540'	7-7/8"	200 sz	3800'

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					None		

31. Perforation Record (Interval, size and number)
 Perf 10 - .41" holes as follows: 4281, 4289, 4301, 4309, 4327, 4424, 4435, 4478, 4481 and 4485.
 Perf 9 - .41" holes as follows: 4343, 4357, 4357, 4357, 4398 and 4398.
 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4281-4485 set	Acidized w/1500 gal BDA
4343-4398 set	Frac 25,000 gals -water frac
4343-4398 set	Acidized w/500 gal BDA

33. PRODUCTION
 Date First Production **None** Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) **Plugged**
 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 _____

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. Hilde* TITLE **District Land Manager** DATE **Dec. 10, 1965**

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 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	1765	T. Penn. "B"	
T. Salt	1900	T. Penn. "C"	
B. Salt	2140	T. Penn. "D"	
T. Yates	2350	T. Leadville	
T. 7 Rivers	2450	T. Madison	
T. Queen	2870	T. Elbert	
T. Grayburg	3130	T. McCracken	
T. San Andres	3560	T. Ignacio Ortiz	
T. Glorieta	4960	T. Granite	
T. Paddock		T. Dakota	
T. Blinberry	6435	T. Morrison	
T. Tubb		T. Toddlito	
T. Drinkard	7300	T. Entrada	
T. Abo	8350	T. Wingate	
T. Wolfcamp		T. Chinle	
T. Penn.		T. Permian	
T. Cisco (Bough C)	9008	T. Penn. "A"	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	200	200	Sand & Galls				
200	1765	1565	Red Beds				
1765	1900	135	Anhydrite				
1900	2140	240	Salt & Shale				
2140	2350	210	Anhydrite, Salt, Shale				
2350	2450	100	Red Sand & Shale				
2450	2870	420	Anhydrite Shale				
2870	3330	460	Sand, Shale, Anhydrite				
3330	3560	230	Anhydrite, Shale, Sand				
3560	4960	1400	Dolomite, Anhydrite, Shale				
4960	5050	90	Sand, Anhydrite, Shale				
5050	6435	1385	Anhydrite, Shale, Red Shale				
6435	7300	865	Anhydrite, Dol. Shale				
7300	7820	520	Red Shale				
7820	8350	530	Anhydrite, Dolomite, Shale				
8350	9100	750	Limestone, Shale & Dolomite				