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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 [X] Fee [ ]

5. State Oil & Gas Lease No.: B-2519

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name: —

8. Farm or Lease Name: Santa Fe, Btry. 8

2. Name of Operator: Phillips Petroleum Company

9. Well No.: 121

3. Address of Operator: Room B-2, Phillips Building, Odessa, Texas 79760

10. Field and Pool, or Wildcat: Vacuum Grayburg/San Andres

4. Location of Well: UNIT LETTER A LOCATED 330 FEET FROM THE north LINE AND 990 FEET FROM THE east LINE OF SEC. 34 TWP. 17-S RGE. 35-E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
8-5-71	8-15-71	8-21-71	3934' RKB, 3923' Gr.	—

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4750'	4730'	—	→	0-4750'	—

24. Producing Interval(s), of this completion — Top, Bottom, Name: Grayburg/San Andres top 4128' bottom 4750'

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Schlumberger—BHC Sonic, GR Caliper, laterolog

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
8-5/8"	20#	394'	12-1/4"	(350sx Class H w/2% $CaCl_2$ &1/4#Flocele) (in 1st 150 sx. Circ 10 sx at surface)	—
5-1/2"	15.5#	4749'	7-7/8"	(150sx Class H DD & 125 sx Class H w/2#) (Gilsonite/sx. Temp survey TOC at 2500')	—

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
—	—	—	—	—

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4592'	—

31. Perforation Record (Interval, size and number)

2 jet holes/ft. 4448-54' = 6 ft, 12 holes
4472-82' = 10 ft, 20 holes
16 ft, 32 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4448-82'	1000 gals 28% acid w/2 gals J-22, 1/2 gal J-20, 2 gals C-15, 2 gals X-4.

33. PRODUCTION

Date First Production: 8-24-71

Production Method (Flowing, gas lift, pumping — Size and type pump): Insert Pump—2"x1-1/2" x 16'

Well Status (Prod. or Shut-in): Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio
8-26-71	24	—	→	198	224.5	0	1134

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
—	—	→	—	—	—	37.2

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold

Test Witnessed By: G. W. Mossman

35. List of Attachments: —

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 W. J. Mueller TITLE Senior Reservoir Engineer DATE 8-27-71

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 31 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	Rustler 1630	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2898	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen	3787	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	4128	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4442	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		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	193	193	Surface rock				
193	1213	1020	Redbeds				
1213	1630	417	Redbeds, anhydrite				
1630	2125	495	Anhydrite				
2125	3053	928	Anhydrite, salt				
3053	3613	560	Anhydrite				
3613	3736	123	Anhydrite, gyp				
3736	4030	294	Anhydrite				
4030	4116	86	Anhydrite, gyp				
4116	4163	47	Anhydrite				
4163	4176	13	Anhydrite, lime				
4176	4281	105	Lime				
4281	4319	38	Anhydrite, lime				
4319	4750	431	Lime				