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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.  
**B-1502**

## a. 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

**Santa Fe, Btry. 2**

## 9. Well No.

**118**

## 10. Field and Pool, or Wildcat

**Vacuum Grayburg/San And.**

## 2. Name of Operator

**Phillips Petroleum Company**

## 3. Address of Operator

**Room B-3, Phillips Building, Odessa, Texas 79760**

## 4. Location of Well

UNIT LETTER **F** LOCATED **1650** FEET FROM THE **north** LINE AND **2310** FEET FROM

THE **west** LINE OF SEC. **5** TWP. **18-S** RGE. **35-E** NMPM

## 12. County

**Lee**

## 15. Date Spudded 16. Date T.D. Reached 17. Date Compl. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR, etc.) 19. Elev. Casinghead

**2-9-71 2-18-71 3965' DF, 3956' Gr.**

20. Total Depth **4700'** 21. Plug Back T.D. **4688'** 22. If Multiple Compl., How Many **—** 23. Intervals Drilled By **Rotary Tools** **0-4700** Cable Tools **—**

## 24. Producing Interval(s), of this completion — Top, Bottom, Name

**San Andres 4427' top 4700' bottom**

## 25. Was Directional Survey Made

**No**

## 26. Type Electric and Other Logs Run

**Dresser Atlas BHC Acoustic, Caliper-GR logs**

## 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#	402'	12-1/4"	(350 ex Class H 2% CaCl <sub>2</sub> w/1/4# Flocale/1st (150 ex. Circ 25 ex cement)	
4-1/2"	11.6#	4696'	7-7/8"	(150 ex Class H w/40% BD, 125 ex Class H w/1/2# (Gilsonite/ex. TOC @ 2700')	

## 29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4610'	—

## 31. Perforation Record (Interval, size and number)

**One jet shot per foot.**  
**4579-85' = 6', 6 shots**  
**4592-4600' = 8', 8 shots**  
**4604-10' = 6', 6 shots**  
**20', 20 shots**

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4579-4610'	1000 gals 28% acid

## 33. PRODUCTION

Date First Production **2-24-71** Production Method (Flowing, gas lift, pumping — Size and type pump) **Swabbing and flowing** Well Status (Prod. or Shut-in) **Producing**  
Date of Test **2-25-71** Hours Tested **9** Choke Size **Swabbing** Prod'n. For Test Period **150** Oil — Bbl. **—** Gas — MCF **—** Water — Bbl. **0** Gas — Oil Ratio **TSTM**  
Flow Tubing Press. **—** Casing Pressure **—** Calculated 24-Hour Rate **400** Oil — Bbl. **—** Gas — MCF **—** Water — Bbl. **—** Oil Gravity — API (Corr.) **36.6**

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

**sold** Test Witnessed By **G. W. Mossman**

## 35. List of Attachments

**Dresser-Atlas mailed copies of logs direct to NMCCC.**

## 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.

**Note: This well is in the same proration unit as No. 45 which is being shut down.**

SIGNED **W.J. Mueller** TITLE **Senior Reservoir Engineer** DATE **2-26-71**

## 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 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>1516</u>	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 <u>2828</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3790</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg <u>4090</u>	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>4427</u>	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	402	402	Redbeds and sand				
402	1456	1054	Redbeds				
1456	1644	188	Redbeds anhydrite				
1644	4087	2443	Anhydrite				
4087	4700	613	Lime				