Revised 10-1-78 ENERGY AND MINERALS DEPARTMENT NO. OF COPIES RECEIVED **OIL CONSERVATION DIVISION** 5a. Indicate Type of Lease DISTRIBUTION P.O. 80X 2088 State 🔀 Fee 🗌 SANTA FE, NEW MEXICO 87501 SANTA FE State Oil & Gas Lease No. **FILE** B-1576-3 U.S.G.S WELL COMPLETION OR RECOMPLETION REPORT AND LOG LAND OFFICE OPERATOR 7. Unit Agreement Name 1a TYPE OF WELL GAS ОII East Vacuum Gb/SA Unit WELL X WELL DRY OTHER 6 TYPE OF COMPLETION 8. Farm or Lease Name PLUG DIFF WORK NEW East Vacuum Gb/SA Unit WELL X OVER DEEPEN васк П RESVR OTHER 9 Well No. Tract 3229 2. Name of Operator Phillips Petroleum Company 010 10. Field and Pool, or Wildcat 3. Address of Operator Vacuum Gb/SA 4001 Penbrook, Odessa, TX 79762 4 Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 10 FEET FROM 12. County rge. 35E Lea LINE OF SEC. 32 TWP. 175 THE West NMPM 16. Date T.D. Reached 15. Date Spudded 17. Date Compl. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR, etc.) 19. Elev. Casinghead GL-3973.9, RKB 3986.9 9/20/87 9/30/87 10/28/87 Rotary Tools 0-TD 22. If Multiple Compl., How 23. Intervals 20. Total Depth 21. Plug Back T.D **Cable Tools** Drilled 8v Many 4800' 4752' 25. Was Directional Survey 24. Producing Interval(s), of this completion - Top, Bottom, Name Made 4360'-4671' Grayburg/San Andres No 26. Type Electric and Other Logs Run 27. Was Well Cored GR-Cal-DLL-MSFL, GR-Cal-CNL-CDL No CASING RECORD (Report all strings set in well) 28 CASING SIZE WEIGHT LB./FT. DEPTH SET HOLE SIZE **CEMENTING RECORD** AMOUNT PULLED 13-3/8 54.5 17-1/2 1400 sk Class C-Circ. 200 sk 1496 32# & 24# 12-1/4 2175 sk Class H-Circ. 150 sk 8-5/8 3150 15.5# 4800' 7-7/8 300 sk Class C-Circ, 65 sk 5-1/2 LINER RECORD 30. TUBING RECORD 29 SACKS CEMENT SCREEN DEPTH SET SIZE TOP BOTTOM SIZE PACKER SET 2-7/8 4613' 4619' None 31. Perforation Record (Interval, size and number) 32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 4" OD csg. gun: 4646'-4662', 4664'-4671', 4360'-4366', 4429'-4432', 4435'-4437', 4440'-4442', 4448'-4454', 458'-4460', 4462'-4464', 4468'-4471', 4529'-4543', 4547'-4558', 4566'-4571', 4573'-4575', 4580'-4583', 4589'-4594', 4596'-4605' w/ 2 JSPF, premium DML charges on **DEPTH INTERVAL** AMOUNT AND KIND MATERIAL USED 4360'-4671' 500 gal. 15% NEFe acid spiral phasing 33 PRODUCTION Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) **Date First Production** 10/15/87 Flowing Producina Date of Test Choke Size Prod'n, For Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio **Hours** Tested **Test Period** 11/1/87 24 Open 400 .5 Ω 1.25/1 Flow Tubing Press. Calculated 24-**Casing Pressure** Oil - Bbl. Gas - MCF Oil Gravity - API (Corr.) Water - Bbl. Hour Rate 88 Ω 38.1 Test Witnessed By 34 Disposition of Gas (Sold, used for fuel, vented, etc.) Joe Brown Sold 35. List of Attachments Logs furnished direct by logging company. 36. Thereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. W W.J. Mueller TITLE Eng. Supervisor, Res. DATE 11/12/87 SIGNER

Form C-105

STATE OF NEW MEXICO

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 1502' ----- T. Canyon ------ T. Ojo Alamo ------ T. Penn. "B" --------- T. Strawn ------ T. Kirtland-Fruitland----- T. Penn. "C" --------- T. Penn. "B" ------T. Anhy -1610' T. Salt 2653' _____ T. Atoka ______ T. Pictured Cliffs _____ T. Penn. "D" _____ B. Salt T. Cliff House --------- T. Leadville -2838' T. Yates — T. Miss — T. 7 Rivers _____ T. Silurian _____ T. Point Lookout _____ T. Elbert --T. Glorieta _____ T. McKee _____ Base Greenhorn _____ T. Granite _____ T. Paddock ______ T. Ellenburger ______ T. Dakota _____ T. ____ T. ____ T. Blinebry ______ T. Gr. Wash _____ T. Morrison _____ T. ____ T. ____ _____ T. Granite _____ T. Todilto ____ _____ T. _____ T. Tubb T. Penn. _____ T. Cisco (Bough C) _____ T. ____ T. ____ T. Penn. "A" _____ T. Penn. "A" _____ T. ____ T. ____ **OIL OR GAS SANDS OR ZONES** No. 4, from______ to _____ No. 1, from ______ to _____ No. 2, from to _____ No. 5, from ______ to _____ No. 6, from ______ to _____ No. 3, from ______ to _____ IMPORTANT WATER SANDS Include data on rate of water inflow and elevation to which water rose in hole. No. 1, from ______ to _____ feet. to _____ feet. No. 2, from _____ _____ feet. No. 3, from ______ to _____ feet. No. 4, from ______ to _____

FORMATION RECORD (Attach additional sheets if necessary)

From	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
0	1502'	1502'	Sand, Shale, Sandstone				
1502'	1610'	108'	Anhydrite, Salt				
1610'	2653'	1043'	Salt, Anhydrite				
2653'	3700'	1047'	Salt, Shale, Anhydrite				
			Sandstone				
3700'	4298'	598'	Sandstone, Shale, Limestone		-		
4298'	4800 '	502'	Limestone, Dolomite				
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