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Form O-105
Revised 11-76

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

5a. Indicate Type of Lease
State Fee

5b. State Oil & Gas Lease No.
B-2229

6. Unit Agreement Name

7. Farm or Lease Name
Phillips E. State

8. Well No.
31

9. Field and Pool, or Wildcat
Maljamar (Gb/San Andre)

10. County
Lea

1a. TYPE OF WELL ***Temporarily Shut-in for Evaluation**

OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

2. Name of Operator
Phillips Petroleum Company

3. Address of Operator
4001 Penbrook Street, Odessa, Texas 79762

4. Location of Well

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

THE **West** LINE OF SEC. **13** TWP. **17-S** RGE. **33-E** COUNTY _____

15. Date Spudded **7-1-78** 16. Date T.D. Reached **7-13-78** 17. Date Compl. (Ready to Prod.) **perf. 7-13-78** 18. Elevations (DF, RKB, RT, GR, etc.) **4124.2 GR** 19. Elev. Casinghead _____

20. Total Depth **4700'** 21. Plug Back T.D. **4687'** 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
Grayburg/San Andres, top 4315'; bottom 4687'

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Compensated densilog, GR Caliper log

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
8-5/8"	24#, K-55	410'	12-1/4"	400 sx C1 H, 2% CaCl ₂ , 1/4#	-
Flocele in 1st 150 sx. Circd. 55 sx cmt.					
4-1/2"	11.6# N-80 LT & C	4700'	7-7/8"	1100 sx TLW w/2# Salt, 10% DD	-
1/4# Flocele/sx 3# Gilsonite/sx w/150 sx. C1 H w/8# salt/sx., circ 125 sx					

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4490	4426

31. Perforation Record (Interval, size and number)

8' = 20 holes @ 4478-86' (Reperforated)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4478-86'	250 gals Super HF acid w/add. Fraced @ 10,000 gal Ref oil & 14500# 20-40 mesh sand
4478-86'	100 sx. CL C, Incor Cmt.

33. PRODUCTION **4478-86'**

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____

250 gals. Super HF acid w/add. Fraced w/10,000 gal Ref oil & 14500# 20-40 mesh sand Shut-In

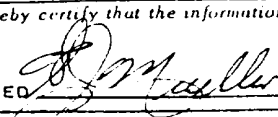
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio

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
Logs furnished direct to OCD by logging company.

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 **Engineering Advisor** DATE **January 23, 1979**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 triplicate 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 1524'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt Salado 1703'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2800'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3132'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3812'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4315'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4601'	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. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>4478</u> to <u>4486</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>None</u> to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	345'	345'	Sand & Red Bed	4351'	4700'	349'	Lime
345'	410'	65'	Red Bed				
410'	615'	205'	Red Bed Sand & Anhydrite				
615'	1507'	892'	Red Bed & Anhydrite				
1507'	1586'	79'	Anhydrite & Salt				
1586'	2251'	665'	Salt & Anhydrite				
2251'	2963'	712'	Salt & Anhydrite				
2963'	3241'	278'	Anhydrite				
3241'	3391'	150'	Anhydrite & Dolomite				
3391'	3610'	219'	Anhydrite				
3610'	4132'	522'	Anhydrite & Dolomite				
4132'	4237'	105'	Anhydrite & Lime				
4237'	4307'	70'	Anhydrite & Dolomite				
4307'	4351'	44'	Anhydrite & Lime				

