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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

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Unit Agreement Name
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	8. Farm or Lease Name Santa Fe

2. Name of Operator Phillips Petroleum Company	9. Well No. 112
3. Address of Operator 9th Floor, Phillips Building, Odessa, Texas	10. Field and Pool, or Wildcat Vacuum (Glorieta)

4. Location of Well UNIT LETTER E LOCATED 1655 FEET FROM THE North LINE AND 330 FEET FROM West	12. County Lea
THE West LINE OF SEC. 5 TWP. 18-S RGE. 35-E NMPM	

15. Date Spudded 1-2-66	16. Date T.D. Reached 1-18-66	17. Date Compl. (Ready to Prod.) 1-26-66	18. Elevations (DF, RKB, RT, GR, etc.) 3983' RKB	19. Elev. Casinghead -
20. Total Depth 6250'	21. Plug Back T.D. 6199'	22. If Multiple Compl., How Many Single	23. Intervals Drilled By Rotary	24. Was Directional Survey Made No

24. Producing Interval(s), of this completion - Top, Bottom, Name 6148-58' Vacuum (Glorieta)	25. Was Directional Survey Made No
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26. Type Electric and Other Logs Run Lane Wells Gamma Ray Acoustic logs and focused log	27. Was Well Cored No
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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#	1530' (seat)	12-1/4"	400 sx Lone Star Incon w/20% DD & 200# Tuff Plug & 200 sx Reg w/2% CaCl2	
4-1/2"	9.5#	6250' (seat)	7-7/8"	500 sx Trinity light wt w/20% DD & 300 sx Reg cmt	

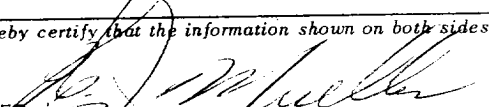
29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
-	-	-	-	-	2-3/8"	6176' (seat)	

31. Perforation Record (Interval, size and number) Selectively perforated 6148-6158' (two 1/2" holes per foot) total 10', 20 holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 6148-6158 AMOUNT AND KIND MATERIAL USED 500 gals regular acid
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33. PRODUCTION							
Date First Production 1-26-66		Production Method (Flowing, gas lift, pumping - Size and type pump) Swab				Well Status (Prod. or Shut-in) Prod.	
Date of Test 1-29-66	Hours Tested 8	Choke Size -	Prod'n. For Test Period -	Oil - Bbl. 86	Gas - MCF 31	Water - Bbl. 4/10% BS&W	Gas - Oil Ratio 360
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate -	Oil - Bbl. 258	Gas - MCF 92.9	Water - Bbl. 4/10% BS&W	Oil Gravity - API (Corr.) 38.1	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - Phillips Petroleum Company	Test Witnessed By E. T. Millhollen
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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 	TITLE Assoc. Reservoir Engr.	DATE 1-31-66

INSTRUCTIONS

This form is to be filled 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 filled 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	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	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta Sand	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Granite
T. Blinebry	T. Gr. Wash	T. Morrison	T. Granite
T. Tubb	T. Granite	T. Todillo	T. Granite
T. Drinkard	T. Delaware Sand	T. Entrada	T. Granite
T. Abo	T. Bone Springs	T. Wingate	T. Granite
T. Wolfcamp	T. Permian	T. Permian	T. Granite
T. Cisco (Bough C)	T. Permian	T. Permian	T. Granite

Glorieta dolomite 6114

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
0	1054	1054	Caliche and red bed				
1054	1530	476	Red bed				
1530	1681	151	Anhydrite Sand				
1681	2681	1000	Salt and red bed				
2681	2905	224	Salt and anhydrite				
2905	3488	583	Anhydrite				
3488	3664	176	Anhydrite and dolomite				
3664	3931	267	Dolomite				
3931	4057	126	Anhydrite and dolomite				
4057	5415	1358	Dolomite				
5415	5481	66	Dolo and chert				
5481	5544	63	Dolomite				
5544	5673	129	Dolo and chert				
5673	5732	59	Dolomite				
5732	5857	125	Dolo and chert				
5857	5925	68	Dolo, chert, anhydrite				
5925	6250	325	Dolomite				
6250	6250		Total depth				
6199			PRTD.				

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NEW MEXICO OIL CONSERVATION COMMISSION
FEB 3 11 55 AM '66

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-1502

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER- 2. Name of Operator Phillips Petroleum Company 3. Address of Operator 9th Floor, Phillips Bldg., Odessa, Texas 4. Location of Well UNIT LETTER E 1655 FEET FROM THE North LINE AND 330 FEET FROM West 5 TOWNSHIP 18-S RANGE 35-E N.M.P.M. THE LINE, SECTION TOWNSHIP RANGE N.M.P.M.	7. Unit Agreement Name 8. Farm or Lease Name Santa Fe 9. Well No. 112 10. Field and Pool, or Wildcat Vacuna Glorieta 12. County Lea
15. Elevation (Show whether DF, RT, GR, etc.) 3983' RKB	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 1-19-66, set 4-1/2" casing (see below, J-55 at 6250', Howco cemented with 500 sacks Trinity light weight cement with 20% DD followed by 300 sacks regular cement. Plug to 6216'. Used 400 gallons acetic acid in displacement. Ran temperature survey, top cement in annulus 2600'. Waited on cement 18 hours, tested with 1500# for 30 minutes, Okay.
Bottom to top as follows:

526.52'	10.5#
5171.21'	9.5#
539.12'	10.5#

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED W. J. Mueller TITLE Associate Reservoir Engr. DATE 1-31-66

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PHILLIPS PETROLEUM COMPANY

DEVIATION RECORD

Santa Fe No. 112 - Unit E, Section 5,
T-18-S, R-35-E,
Lea County, New Mexico

<u>Degree Deviation:</u>	<u>Depth:</u>	<u>Degree Deviation:</u>	<u>Depth:</u>
1/4	60'	2	3260'
1/2	260	1 3/4	3465
1/4	760	1 3/4	3669
1/4	1202	1 1/2	4180
3/4	1525'	1 3/4	4510
1/2	1675	2	4730
1	2175	1 1/4	5120
2	2655	1 1/2	5400
2 3/4	2780	2 1/4	5920
3	2843		
2 3/4	2925		
2 3/4	2977		

STATE OF TEXAS §

COUNTY OF ECTOR §

Before me, the undersigned authority, on this day appeared W. R. Brown known to me to be the duly authorized agent of this Company, and who, upon oath, states that the foregoing is true and correct to the best of his knowledge and ability.


W. R. Brown

Subscribed and sworn to before me this 31st day of January, 1966


T. H. McLamore
Notary Public in and for
Ector County, Texas

My commission expires June 1, 1967.