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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-2229

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name --	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Phillips E State	
2. Name of Operator Phillips Petroleum Company		9. Well No. 15	
3. Address of Operator Room 711 Phillips Building, Odessa, Texas 79761		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>14</u> TWP. <u>17-S</u> RGE. <u>33-E</u> NMPM		12. County Lea	
15. Date Spudded 8-18-72	16. Date T.D. Reached 10-2-72	17. Date Compl. (Ready to Prod.) 11-7-72	18. Elevations (DF, RKB, RT, GR, etc.) 4143' Gr., 4156' DF
20. Total Depth 11404'	21. Plug Back T.D. 4550'	22. If Multiple Compl., How Many --	23. Intervals Drilled By Rotary Tools 0-11404'
24. Producing Interval(s), of this completion - Top, Bottom, Name Grayburg/San Andres: top 4205', bottom 4550'			25. Was Directional Survey Made no
26. Type Electric and Other Logs Run Schlumberger DIL, HHC-GR, CNL/FDC, TTR, PML			27. Was Well Cored yes
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13-3/8"	48#	364'	17-1/4" (450sx ClassH w/2%CaCl2, circ 50sx) --
8-5/8"	24#, 32#	4299'	11" (250sx LW&250sx Incon. Temp Surv TOC@2700') --
5-1/2"	15.5#, 17#	11404'	7-7/8" (1st 950sx: DV @6995' circ 50 sx. 2nd 700sx: Temp surv TOC @ 4320')
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
			SCREEN
			SIZE
			DEPTH SET
			PACKER SET
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4471-76', 5 ft, 2 jet shots/ft, 10 holes		DEPTH INTERVAL	
4418-23', 5 ft, 2 jet shots/ft, 10 holes		AMOUNT AND KIND MATERIAL USED	
10 ft. 20 holes		4418-23' 500 gals Super HCl.	
		4418-23', 4471-76' 14700 gals ref oil w/13,000# sand.	
33. PRODUCTION			
Date First Production 11-16-72		Production Method (Flowing, gas lift, pumping - Size and type pump) Insert pump 2"x1-1/4"x18'	
Date of Test 11-22-72		Well Status (Prod. or Shut-in) Producing	
Hours Tested 24	Choke Size --	Prod'n. For Test Period 57	Gas - MCF 43.8
Flow Tubing Press. --	Casing Pressure --	Water - Bbl. 6	Gas - Oil Ratio 768
Calculated 24-Hour Rate --	Oil - Bbl. --	Gas - MCF --	Water - Bbl. --
34. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD			Test Witnessed By G. W. Mossman
35. List of Attachments Core analysis. Electric logs previously furnished by Schlumberger.			
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 <u>W. J. Mueller</u>		TITLE <u>Senior Reservoir Engineer</u> DATE <u>11-27-72</u>	

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

T. Anhy Rustler 1483'
T. Salt _____
B. Salt _____
T. Yates 2782'
T. 7 Rivers _____
T. Queen 3772'
T. Grayburg 4205'
T. San Andres 4548'
T. Glorieta 6020'
T. Paddock 6104'
T. Blinberry 6760'
T. Tubb 7435'
T. ~~Delaware~~ L. Yeso 7576'
T. Abo 8120'
T. Wolfcamp 9720'
T. Permian 10320'
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____
T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	365	365	Surface sand/caliche				
365	1476	1111	Redbeds				
1476	1900	424	Anhydrite, redbeds, salt				
1900	2665	765	Anhydrite, salt				
2665	3300	635	Anhydrite				
3300	3403	103	Lime				
3403	3596	193	Lime, anhydrite				
3596	4560	964	Anhydrite, dolomite, shale				
4560	8666	4106	Lime				
8666	8749	83	Shale, lime, chert				
8749	8836	87	Lime, shale				
8836	10197	1361	Lime				
10197	11404	1207	Lime, shale				
	11404		TD				

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11/2/112

OIL CONSERVATION COMM.
HOOVER, W. M.

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

NO. OF COPIES RECEIVED		
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TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

I. Operator
Phillips Petroleum Company

Address
Room 711, Phillips Building, Odessa, Texas 79761

Reason(s) for filing (Check proper box) Other (Please explain)

New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

If change of ownership give name and address of previous owner: --- THIS WELL HAS BEEN PLACED IN THE POOL DESIGNATED BELOW. IF YOU DO NOT CONCUR NOTIFY THIS OFFICE.

II. DESCRIPTION OF WELL AND LEASE

Lease Name Phillips E State	Well No. 15	Pool Name, including Formation Undesignated	Kind of Lease 1111111111	Lease No. B-2229
Location Unit Letter L ; 1980 Feet From The south Line and 660 Feet From The west Line of Section 14 Township 17-S Range 33-E , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> The Permian Corporation	Address (Give address to which approved copy of this form is to be sent) Box 3119, Midland, Texas 79701					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips Petroleum Company	Address (Give address to which approved copy of this form is to be sent) Room 711, Phillips Bldg., Odessa, Texas 79761					
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 15	Twp. 17	Range 33	Is gas actually connected? Yes	When 11-20-72

If this production is commingled with that from any other lease or pool, give commingling order number: ---

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Rest'v.	Diff. Rest'v.
Date Spudded 8-18-72	Date Compl. Ready to Prod. 11-7-72	Total Depth 11,404	P.B.T.D. 4,550					
Elevations (DF, RKB, RT, GR, etc.) 4143' Gr., 4156' DF	Name of Producing Formation Grayburg/San Andres	Top Oil/Gas Pay 4,205	Tubing Depth 4,458					
Perforations 4471-76', 4418-23', 2 jet shots/ft. = 20 holes			Depth Casing Shoe 11,404					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
17-1/4"	13-3/8"	364 (450 sx Class H w/2% CaCl2.)	Circ 50 sx.					
11"	8-5/8"	4299' (250 sx LW, 250 sx Incor, temp surv TOC)	5200'					
7-7/8"	5-1/2"	11404' (1st: 950 sx, DV at 6995', circ 50 sx)	(2nd: 700 sx, temp surv TOC at 4320'.					
	2-3/8" tbg @ 4458'							

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 11-16-72	Date of Test 11-22-72	Producing Method (Flow, pump, gas lift, etc.) Insert Pump--2" x 1-1/4" x 18'	
Length of Test 24	Tubing Pressure ---	Casing Pressure ---	Choke Size ---
Actual Prod. During Test	Oil-Bbls. 57	Water-Bbls. 6	Gas-MCF 43.8

GAS WELL

Actual Prod. Test-MCF/D ---	Length of Test ---	Bbls. Condensate/MMCF ---	Gravity of Condensate ---
Testing Method (pilot, back pr.) ---	Tubing Pressure (Shut-in) ---	Casing Pressure (Shut-in) ---	Choke Size ---

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

W. J. Mueller

Senior Reservoir Engineer

November 27, 1972

(Date)

OIL CONSERVATION COMMISSION

APPROVED

BY

TITLE

SUPERVISOR DISTRICT I

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

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FEB 25 1972

OIL CONSERVATION COMM.
HOOBS, W. M.

