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Form C-105
Revised 1-1-55

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.

E-1027

1a. TYPE OF WELL				7. Unit Agreement Name			
b. TYPE OF COMPLETION OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				8. Farm or Lease Name Ranger			
2. Name of Operator Phillips Petroleum Company				9. Well No. 6			
3. Address of Operator Room 711, Phillips Bldg., Odessa, Texas 79761				10. Field and Pool, or Wildcat Ranger Lake Bough			
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>1978</u> FEET FROM THE <u>west</u> LINE AND <u>660</u> FEET FROM THE <u>south</u> LINE OF SEC. <u>23</u> TWP. <u>12 S</u> RGE. <u>34 E</u> NMPM				12. County Lea			
15. Date Spudded PB 2-24-75	16. Date T.D. Reached PB 2-25-75	17. Date Compl. (Ready to Prod.) Plugback and perf 2-25-75	18. Elevations (DF, RKB, RT, GR, etc.) 4147 Gr, 4159 RKB	19. Elev. Casinghead 4147'			
20. Total Depth 10369	21. Plug Back T.D. 10200	22. If Multiple Compl., How Many —	23. Intervals Drilled By Rotary Tools 0-10369	Cable Tools —			
24. Producing Interval(s), of this completion — Top, Bottom, Name Bough C, top 9940, bottom 9960						25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Schlumberger GR-N, LL, MLL						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	
13-3/8"	27.3#, 48#	358'	17 1/2" (375 sx reg. Circ 20 sx)	—		—	
8-5/8"	24#, 32#	4226'	11" (541 sx Incor SR 40% DD, 150 sx reg. Circ. 59 sx)	—		—	
5 1/2"	14#, 15.5#, 17#, 20#	10369'	8-3/4" (360 sx Incor SR 40% DD, 200 sx reg. Temp. Survey)	TOC @ 500'		—	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
—	—	—	—	—	2-3/8"	9900	—
31. Perforation Record (Interval, size and number) 9940-45', 5', 10 holes 9954-60', 6', 12 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 9940-60 AMOUNT AND KIND MATERIAL USED 1000 gals 15% acid			
33. PRODUCTION							
Date First Production 2-27-75		Production Method (Flowing, gas lift, pumping — Size and type pump) Kobe pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 3-11-75	Hours Tested 24	Choke Size —	Prod'n. For Test Period —	Oil — Bbl. 171	Gas — MCF 197	Water — Bbl. 0	Gas — Oil Ratio 1155
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate —	Oil — Bbl. —	Gas — MCF —	Water — Bbl. —	Oil Gravity — API (Corr.) 40.1	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold for processing						Test Witnessed By E. T. Millhollon	
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 <u>W. J. Mueller</u> TITLE <u>Senior Reservoir Engineer</u> DATE <u>3-12-75</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

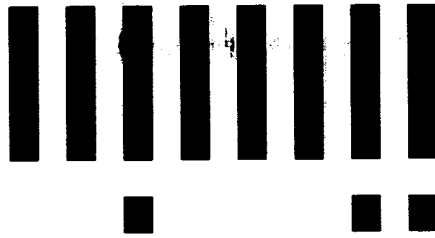
Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>Rustler 2000'</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>2827'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3560'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4165'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Elinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7038'</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7747'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9170'</u>	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. XXX <u>9895'</u>	T. _____	T. Penn. "A" _____	T. _____
T. Quao (Bough C) <u>10228'</u>			

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2347	2347	Redbeds				
2347	4000	1653	Salt & Anhydrite				
4000	4335	335	Anhydrite				
4335	4990	655	Lime				
4990	7220	2230	Dolomite				
7220	9385	2165	Dolomite, Shale				
9385	10369	984	Lime				



LTR



Job separation sheet

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

DISTRIBUTION		
NTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

I. Operator
Phillips Petroleum Company 17643
Address
Room 711, Phillips Bldg., 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 Ranger	Well No. 6	Pool Name, Including Formation Ranger Lake Rough	Kind of Lease State, XXXXXX	Lease No. E-1027
Location Unit Letter <u>N</u> : 1978 Feet From The <u>west</u> Line and <u>660</u> Feet From The <u>south</u> Line of Section <u>23</u> Township <u>12 S</u> Range <u>34 E</u> , NMPM, <u>Lea</u> 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"/> Amoco Pipe Line Company	Address (Give address to which approved copy of this form is to be sent) 2300 Continental National Bank Bldg. Fort Worth, Texas 76102					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Warren Petroleum Corp.	Address (Give address to which approved copy of this form is to be sent) Box 1589, Tulsa, Oklahoma					
If well produces oil or liquids, give location of tanks.	Unit N	Sec. 23	Twp. 12 S	Rge. 34 E	Is gas actually connected? Yes	When 2-25-75

If this production is commingled with that from any other lease or pool, give commingling order number: PC 452

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res.	Diff. Res.
Date Spudded 2-22-59	Date Compl. Ready to Prod. PB 2-25-75	Total Depth 10369	P.B.T.D. 10200					
Elevations (DF, RKB, RT, GR, etc.) 4147' GR., 4159' RKB	Name of Producing Formation Bough C	Top Oil/Gas Pay 9940	Tubing Depth 9900'					
Perforations 9940-45', 9954-60'	Depth Casing Shoe 10369							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2"	13-3/8"	358' (375 sx reg. Circ 20 sx)	
11"	8-5/8"	4226' (541 sx Incor SR 40% DD, 150 sx reg. Circ. 59 sx)	
8-3/4"	5 1/2"	10369' (360 sx Incor SR 40% DD, 200 sx reg. Temp survey TOC @ 500')	

V. TEST DATA AND REQUEST FOR ALLOWABLE

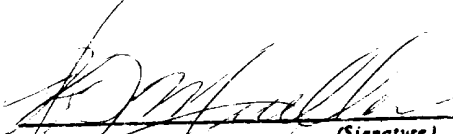
OIL WELL 2-3/8"		9900'	
Date First New Oil Run To Tanks 2-27-75	Date of Test 3-11-75	Producing Method (Flow, pump, gas lift, etc.) Kobe Pump	
Length of Test 24 hrs.	Tubing Pressure —	Casing Pressure —	Choke Size —
Actual Prod. During Test	Oil-Bbls. 171	Water-Bbls. 0	Gas-MCF 197

GAS WELL

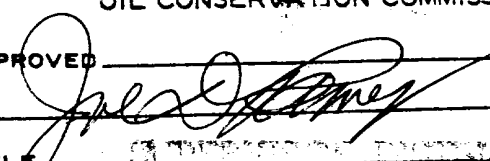
Actual Prod. Test-MCF/D —	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) —	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

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
(Signature)
Senior Reservoir Engineer
(Title)
3-12-75
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19____
BY 
TITLE _____

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.