

S. OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API No. 30-025-27977

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-9680-1

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	Chem State	
2. Name of Operator	Phillips Petroleum Company	9. Well No.	6	
3. Address of Operator	Room 401, 4001 Penbrook Street, Odessa, Texas 79762	10. Field and Pool, or Wildcat	Tulk (Wolfcamp)	
4. Location of Well	UNIT LETTER <u>E</u> LOCATED <u>2229</u> FEET FROM THE <u>north</u> LINE AND <u>660</u> FEET FROM <u>west</u> LINE OF SEC. <u>3</u> TWP. <u>15-S</u> RGE. <u>32-E</u> NMPM	12. County	Lea	
5. Date Spudded	11-13-83	16. Date T.D. Reached	1-13-83	
6. Date T.D. Reached	1-13-83	17. Date Compl. (Ready to Prod.)	2-11-83	
16. Elevations (DF, RKB, RT, GR, etc.)	4320' DF, 4308' GR	19. Elev. Casinghead	-----	
20. Total Depth	12,470'	21. Plug Back T.D.	10,152'	
22. If Multiple Compl., How Many	-----	23. Intervals Drilled By	Rotary Tools ☒ Cable Tools ☐	
24. Producing Intervals, of this completion - Top, Bottom, Name	Wolfcamp 8890' Top; 10152' Bottom		25. Was Directional Survey Made	No
26. Type Electric and Other Logs Run	Schlumberger ran CNL/LDT-GR/Cal, CNL/GR, DLL-RXO-GR/Cal, GR/CCL		27. Was Well Cored	No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	448'	17-1/2"	*	
8-5/8"	24 & 32#	4100'	11"	SEE ATTACHED SHEET	
5-1/2"	17, 20, 23#	12,470'	7-7/8"		

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
	N-O-N-E				2-7/8"	9643'	9643'

TUBING RECORD

31. Perforation Record (Interval, size and number)	Schlumberger perf'd 5-1/2" csg w/2-1/8" gun @ 4JSPF, (64 shots) 12338-12354'; 12222-12234' (48); GO perf'd w/4" gun 2 JSPF fr. 10254-10266' (24); 9733-9735; 9754-9762'; 9772-9777'; 9787-9790'; 9798-9800'; 9806-9809'; 9816-9822'; 9825-9828; Total 64 shots
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	DEPTH INTERVAL
	*SEE ATTACHED SHEET

33. PRODUCTION											
Date First Production	4-11-83	Production Method (Flowing, gas lift, pumping - Size and type pump)	Pumping 20" x 1-1/4" X 24' insert	Well Status (Prod. or Shut-in)	Producing						
Date of Test	6-19-83	Hours Tested	24	Choke Size	---	Prod'n. For Test Period	Oil - Bbl. 97	Gas - MCF 76	Water - Bbl. 16	Gas - Oil Ratio	786
Flow Tubing Press.	---	Casing Pressure	---	Calculated 24-Hour Rate	---	Oil - Bbl. ---	Gas - MCF ---	Water - Bbl. ---	Oil Gravity - API (Corr.)	40.4	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Sold	Test Witnessed By	B. E. Allen
--	------	-------------------	-------------

35. List of Attachments	Logs furnished directly 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 Ralph J. Roper R. J. Roper TITLE Senior Engineering Specialist DATE June 30, 1983

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 1125.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon <u>10792</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>11262</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Morrow <u>11803</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss <u>12363</u>	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 <u>5568</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>6907</u>	T. Granite _____	T. Tediito _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7625</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>8890</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>9648</u>	T. _____	T. Pennian _____	T. _____
T. Cisco (Rough C) <u>10012</u>	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	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 _____ 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	950	950	Lime				
950	2420	1470	Redbed & anhydrite				
2420	2615	195	Redbed, salt & anhydrite				
2615	4340	1920	Anhydrite				
4340	4902	562	Anhydrite & lime				
4902	5367	465	Lime				
5367	10796	5429	Lime & shale				
10796	11086	290	Anhydrite				
11086	12470	1384	Lime & shale				

RECEIVED
JUL 8 1983
O.C.D.
HOBBS OFFICE

26. *C. NING RECORD:

13-3/8" csg set w/500 sxs Class "C" cmt w/2% CaCL & 1/4# per sx Cellophane.
Circ 10 sxs to surface.

8-5/8" csg set w/2000 sxs TLW w/10% Diacel D, 1/4# per sx Flocele, 12# per
sx salt, tailed w/400 sxs Class "C" 2% CaCL. Circ 50 sxs.

5-1/2" csg set w/1285 sxs Class "H" w/.15% LWL & 3# per sx KCL. Circ 50 sxs; cmt'd
w/1000 sxs TLW 10% DD, 3# per sx Gilsonite, 12# per sx salt & 1/4#
per sx Flocele followed by 100 sxs Class "H" w/.15% LWL.

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

Treated perfs 12338-12354' w/2000 gals. 7-1/2% Modified Morrow Flo acid w/1000 gals CO₂.
Displaced w/30 bbls. 2% KCL w/1-2 CO₂.

Howco treated perfs 12222-12234' w/1000 gals 7-1/2% modified Morrow acid. Displaced w/75
barrels 2% KCL wtr.

Treated perfs 12222-12354' w/4000 gals w/500 SCF of Nitrogen w/1 BS per bbl. Displaced
w/55 bbls of 2% KCL wtr. & 500 SCF Nitrogen per bbl.

Frac'd 12222-12354' w/60/40 mixture of 2% KCL wtr & methanol plug, 400 gals of liquid
CO₂, 7500# 20/40 mesh sand and 3800# 20/40 super-prop in 7 stages.

Set CIBP at 12186', dumped 50' cmt on CIBP. TOC @ 12136'.

Set CIBP #2 at 12000' dumped 40' cmt.

Howco treated perfs 10254-10266' w/1000 gals Nefe HCL. Displaced w/60 bbls 2% KCL Wtr.

Squeezed perfs 10254-10266' w/100 sxs Class "H" cmt, POOH 30', rev out 60 sxs cmt.

Dresser Titan treated perfs 9733-9828' w/3500 gals 20% Nefe HCL w/83 BS. Flushed w/
62 bbls 20% KCL Wtr.

RECEIVED

JUL 8 1983

O.C.D.
HOBBS OFFICE

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

API No. 30-025-27977

NO. OF COPIES RECEIVED	
DISTRICT	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

Operator

Phillips Petroleum Company

Address

Room 401, 4001 Penbrook Street, Odessa, Texas 79762

Reason(s) for filing (Check proper box)

New Well ☒
Recompletion ☐
Change in Ownership ☐

Change in Transporter of:

Oil ☐ Dry Gas ☐
Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

I. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Chem State	6	Tulk (Wolfcamp)	State, Federal or Fee State	B-9680-1
Location				
Unit Letter	E	2229 Feet From The north Line and 660 Feet From The west		
Line of Section	3	Township 15-S	Range 32-E	NMPM, Lea County

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)					
Permian Corporation of Texas	Box 1183, Houston, Texas 77001					
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)					
Warren Petroleum Corporation	Box 1589, Tulsa, Oklahoma 74102					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	B	3	15-S	32-E	yes	6-19-83

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

III. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
	X		X					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
11-13-82	4-11-83		12470		10152'			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
4320'DF, 4308' GR	Wolfcamp		9733'		9643'			
Perforations 9733-9735' (4 shots); 9754-9762' (16); 9772-9777 (10); 9787-9790' (6); 9798-9800' (4); 9806-9809' (6); 9816-9822' (12); 9825-9828' (6) Total 32' (64shots)					Depth Casing Shoe 12470'			
SEE REV. SIDE TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17-1/2"	13-3/8" 48# csg		448		SEE REVERSE			
11"	8-5/8" 24# & 32#K-55 ST&C csg		4100		SIDE			
7-7/8"	5-1/2" 17#, 20# & 23#		12470					
		S-95 LT&C, ST&C & Buttress csg						

IV. 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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
4-11-83	6-19-83	Pumping	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hours	----	-----	-----
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
	97	16	76

GAS WELL

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

V. CERTIFICATE OF COMPLIANCE

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

Ralph J. Roper

(Signature)

R. J. Roper

Senior Engineering Specialist

(Title)

June 30, 1983

OIL CONSERVATION DIVISION

JUL 11 1983

APPROVED _____, 19

BY _____
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

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 deviated 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.

*CEMENTING RECORD:

13-3/8" csg set w/500 sxs Class "C" cmt w/2% CaCL & 1/4# per sx Cellophane.
Circ 10 sxs to surface.

8-5/8" csg set w/2000 sxs TLM w/10% Diacel D, 1/4# per sx Flocele, 12# per
sx salt, tailed w/400 sxs Class "C" 2% CaCL. Circ 50 sxs.

5-1/2" csg w/1285 sxs Class "H" w/15% LWL & 3# per sx KCL. Circ 50 sxs; cmt'd
w/1000 sxs TLM 10% DP, 3# per sx Gilsomite, 12# per sx salt & 1/4#
Flocele followed by 100 sxs Class "H" w/15% LWL.

RECEIVED

IV. PERFORATIONS CONT. - 12338-12354' (64 shots); 12222-12234' (48 shots);
10254-10266' (24 shots)

STATE OF NEW MEXICO

INCLINATION REPORT

ONE COPY MUST BE FILED WITH EACH COMPLETION REPORT

API# 30-025-27977

Field Name Tulk (Wolfcamp) County Lea
Operator Phillips Petroleum Company Address 4001 Penbrook St. City Odessa
Lease Name Chem State Well No. 6
Location Unit E 2229 feet from the north line and 660 feet from
west line of Section 3, Township 15-S, Range 32-E

RECORD OF INCLINATION

Depth (Feet)	Angle of Inclination (Degrees)	Depth (Feet)	Angle of Inclination (Degrees)
452	1/4		
870	1/2		
1290	1/2		
1790	1/2		
2101	3/4		
2521	1-1/4		
2933	1-1/4		
3178	1/2		
3375	1/4		
3860	1/4		
4600	3/4		
5010	3/4		
5369	3/4		
5960	3/4		
6374	1		
6780	1		
7197	1-1/4		
7605	1/2		
7905	3/4		
8385	3/4		
8835	1-3/4		
9050	1-3/4		
10060	1-3/4		
10280	1-3/4		
11097	1/4		
11597	1-1/2		
11690	1-1/4		
11740	1		
12017	1		
12450	1-1/2		

I hereby certify that I have personal knowledge of the data and facts placed on this form and that such information given above is true and complete.

Ralph J. Roper R. J. Roper
Signature and Title of Affiant

Sworn and subscribed to before me, this the 30 day of June

19 83.

Audrey J. Jacks Audrey J. Jacks
Notary Public in and for Ector
County, Texas

My Commission Expires

November 30, 1984