

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
API #30-025-26711

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease State ☒ Fee ☐	
5. State Oil & Gas Lease No. B9680-1	
7. Unit Agreement Name ---	
8. Farm or Lease Name Chem State	
9. Well No. 7	
10. Field and Pool, or Wildcat Tulk (Wolfcamp)	
12. County Lea	
25. Was Directional Survey Made No	
27. Was Well Cored No	

1. TYPE OF WELL 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 Room 401, 4001 Penbrook, Odessa, Texas 79762				
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM <u>East</u> LINE OF SEC. <u>3</u> TWP. <u>15-S</u> RCE. <u>32-E</u> NMPM				
15. Date Spudded 5-3-80	16. Date T.D. Reached 7-19-80	17. Date Compl. (Ready to Prod.) reperf'd 12-29-83	18. Elevations (DF, RKB, RT, GR, etc.) 4304' RKB, 4287' GR	19. Elev. Casinghead
20. Total Depth 13,551'	21. Plug Back T.D. 11,672'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools ☒ Cable Tools _____	
24. Producing Interval(s), of this completion — Top, Bottom, Name Wolfcamp Top: 8964' Bottom: 10,048'				
26. Type Electric and Other Logs Run GR, CNL, Density, DLL, MLL, Sonic, GR-CCL-CBL*				

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	430'	17-1/2"	450 sx Class C	--
9-5/8"	40#	4,300'	12-1/4"	950 sx Class C	--
5-1/2"	20#, 17#	13,551'	7-7/8"	1600 sx Class H	

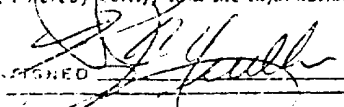
LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
			N-0-N-E		2-7/8"	9754'	--

31. Perforation Record (Interval, size and number) Perf'd 5-1/2" csg w/4" csg guns @2JSPF 9847' - 9861' (14' - 28 shots)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	9,847 - 9,861'	1500 gals Nefe HCL
	11,842 - 11,853'	Sqz'd w/50 sx Class "H" cmt ret @ 11,733'

33. PRODUCTION							
Date First Production 12-30-83		Production Method (Flowing, gas lift, pumping — Size and type pump) 2" x 1-1/4" x 22' insert pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 2-7-84	Hours Tested 24	Choke Size	Prod'n. For Test Period	Oil — Bbl. 47	Gas — MCF 35	Water — Bbl. 29	Gas — Oil Ratio 738
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.) 41.3	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By B. E. Allen
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35. List of Attachments Logs furnished direct by logging company. *GR-CCL-CBL only logs ran during plugback.

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 <u>Sr. Engineering Specialist</u>	DATE <u>February 13, 1984</u>

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 1455.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
Rustler							
T. Anny	1,480'	T. Canyon	10,498'	T. Ojo Alamo		T. Penn. "B"	
T. Salt	1,577'	T. Strawn	11,205'	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2,537'	T. Atoka	11,450'	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2,537'	T. Miss	12,747'	T. Cliff Horse		T. Leadville	
T. 7 Rivers	2,771'	T. Devonian	13,476'	T. Menefee		T. Madison	
T. Queen	3,118'	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4,017'	T. Simpson		T. Gallup		T. Ignacio Qtzite	
T. Glorieta	5,488'	T. McKee		Base Greenhorn		T. Granite	
T. Paddock	5,805'	T. Ellenburger		T. Dakota		T.	
T. Blinberry	6,269'	T. Gr. Wash		T. Morrison		T.	
T. Tubb	6,927'	T. Granite		T. Todilto		T.	
T. Drinkard	7,055'	T. Delaware Sand		T. Entrada		T.	
T. Abo	7,594'	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp	8,964'	T.		T. Chinle		T.	
T. Penn.	10,048'	T.		T. Permian		T.	
T. Cisco (Bough C)	10,048'	T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....
 No. 5, 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
			No record				

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LAND OFFICE	
TRANSPORTER	OIL
OPERATOR	NATURAL GAS
PROMOTION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator	Phillips Petroleum Company
Address	Room 401, 4001 Penbrook St., Odessa, TX 79762
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☐	Change in Transporter of: Oil ☐ Dry Gas ☐
Recompletion ☒	Casinghead Gas ☐ Condensate ☐
Change in Ownership ☐	

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	State	Lease No.
Chem State	7	Tulk (Wolfcamp)	State, Federal or Fee		B9680-1
Location					
Unit Letter	P	660 Feet From The	South	Line and	660 Feet From The
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)
Amoco Production Company	ATTN: H. E. Shaw Box 68, Hobbs, New Mexico
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 Company	Box 1589, Tulsa, Oklahoma 74102
If well produces oil or liquids, give location of tanks:	Unit B Sec. 3 Twp. 15-S Rge. 32-E
Is gas actually connected?	When 2-9-84

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

III. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas well	New Well	Workover	Deepen	Plug Back	Some Res'v.	Diff. Res'
Date Spudded	5-3-80	Date Compl. Ready to Prod.	12-29-83 (reperf'd)	Total Depth	13,551'	P.B.T.D.	11,672	
Elevations (DF, RKB, RT, GR, etc.)	4304' RKB 4287' GR	Name of Producing Formation	Tulk (Wolfcamp)	Top Oil/Gas Pay	8964'	Tubing Depth	9754'	
Perforations	9847 - 9861' (14' - 28 shots)			Depth Casing Shoe				
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT				
17-1/2"	13-3/8"	430'		450 sx Class C				
12-1/4"	9-5/8"	4,300'		950 sx Class C				
7-7/8"	5-1/2"	13,551'		1600 sx Class H				

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)

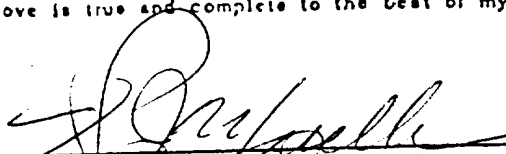
Date First New Oil Run To Tanks	12-30-83	Date of Test	2-7-84	Producing Method (Flow, pump, gas lift, etc.)	2" x 1 1/4" X 22' insert pump
Length of Test	24 hours	Tubing Pressure	- - -	Casing Pressure	- - -
Actual Prod. During Test		Oil-Bbls.	47	Water-Bbls.	29
				Gas-MCF	35

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
- - -	- - -	- - -	- - -
Testing Method (pilot, 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.


W. J. Mueller
Senior Engineering Specialist
February 13, 1984

OIL CONSERVATION DIVISION
FEB 16 1984

APPROVED _____, 19____
BY Eddie W. Seay
Oil & Gas Inspector
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 deviate 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 conditions.

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Santa Fe Energy Company ADDRESS 7200 I-40 West Amarillo, TX 79160FIELD _____ LEASE State N.M. '3' No.1 WELL NO. 1LOCATION Section 11, T-15-S, R-32-E ; Lea County, New Mexico

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DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
400	1/2	6561	1-3/4	10,577	1/2		
930	3/4	6780	2	11,250	3/4		
1488	3/4	7044	1/4	12,011	1/2		
1980	1/2	7324	1/2				
2485	3/4	7819	1				
2950	1	8210	1-1/2				
3355	1-1/4	8560	4-1/4				
3811	1-1/4	8662	3-1/4				
4009	1-1/2	8770	3-1/4				
4160	1/2	8831	3				
4300	1/2	8970	2-1/4				
4523	3/4	9112	2-1/2				
4981	3/4	9237	1-3/4				
5407	1-1/4	9361	1-1/2				
5907	1-3/4	9496	1/2				
6398	2-1/2	9714	1/2				
6465	2	10,535	1/2				

Certification of personal knowledge of Deviation Record:

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

Dean Sims
Signature
The Ard Drilling Company, Inc.
Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared Dean Sims, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Dean Sims
Signature
Drilling Superintendent
Title

Sworn and Subscribed to before me, this the 31st day of July, 19 80

Nanza M. Sands
Notary Public in and for Midland County,
Texas.

My Commission Expires:

6-12-81