

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 #30-025-28061

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

5a. Indicate Type of Lease State ☒ Free ☐
5. State Oil & Gas Lease No. B-2317

10. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER <u>Water Injection</u> Order R-7103		7. Unit Agreement Name
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER		8. Farm or Lease Name M. E. Hale
2. Name of Operator Phillips Petroleum Company		9. Well No. 18
3. Address of Operator Room 401, 4001 Penbrook Street, Odessa, Texas 79762		10. Field and Pool, or Wildcat Vacuum Grayburg San Andres
4. Location of Well		
UNIT LETTER <u>I</u> LOCATED <u>1410</u> FEET FROM THE <u>south</u> LINE AND <u>10</u> FEET FROM <u>east</u> LINE OF SEC. <u>35</u> TWP. <u>17-S</u> R. <u>34-E</u> N.M.P.M.		12. County Lea
14. Date Spudded 2-1-83	15. Date T.D. Reached 2-25-83	17. Date Compl. (Ready to Prod.) 30-30-83
18. Elevations (DF, RAB, RT, GR, etc.) 4003.8 GR, 4013 DF		19. Elev. Casinghead --
20. Total Depth 4803'	21. Plug Back T.D. 4754'	22. If Multiple Compl., How Many
23. Intervals Drilled By Rotary Tools <u>X</u> Cable Tools		25. Was Directional Survey Made No
24. Producing Interval(s), of this completion - Top, Bottom, Name Grayburg/San Andres - Top 4015'; Bottom 4803'		27. Was Well Cored Yes--Report attached
26. Type Electric and Other Logs Run CNL-LDT-GR/Cal, DLL-RXO-GR, Dual Induction, SFL, BHC Sonic, Corr		

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
13-3/8"	54.5#, K-55	1551'	17-1/2"	1600 sx Class "C" 2% CaCl ₂	1/4#/sx Flocele
				Circd 170 sx.	
8-5/8"	32#, K-55	3190'	11"	250 sx Cl C, 800 sx Cl H w/2% CaCl ₂	Circd
5-1/2"	15.5#, K-55	4813'	7-7/8"	85 sx TLW, 300 sx Class C	Circd 52 sx.

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4245'	4242'
					Plastic Lined		Baker AD-1 ✓

31. Perforation Record (Interval, size and number)

Perfd 5-1/2" csg w/1 JSFP
Zone 1: 4320'-4385'; 4434'-4442'
Zone 2: 4504'-4532'; 4538'-4547'
Zone 3: 4588'-4606'; 4610'-4654'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4320'-4654'	350 gals acid
4588'-4654'	53 BA, 183 BW w/1 BS per 150 gals acid
4434'-4442'	800 gals acid w/1 BS/100 gals acid

33. PRODUCTION		Well Status (Prod. or Shut-in) Injecting	
Date First Production *Water Injection	Production Method (Flowing, gas lift, pumping - Size and type pump)		
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period
			Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Not applicable	Test Witnessed By
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35. List of Attachments Logs furnished direct 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 <u>W. J. Mueller</u>	TITLE <u>Senior Engineering Specialist</u> DATE <u>May 25, 1983</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 radioactivity 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 quadruplicate 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

Chinle	233'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
Rustler	1,495'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Salado	1,628'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2,810'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3,680'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	4,015'	T. Montoya	T. Mancos	T. McCracken
T. San Andres	4,296'	T. Simpson	T. Gallup	T. Ignacio Quartz
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	
T. Ilenebry		T. Gr. Wash	T. Morrison	
T. Tubb		T. Granite	T. Tedillo	
T. Drinkard		T. Delaware Sand	T. Entrada	
T. Abo		T. Bone Springs	T. Wingate	
T. Wolfcamp			T. Chinle	
T. Penn.			T. Permian	
T. Cisco (Bugh "C")			T. Penn. "A"	

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	681'	681'	Redbeds				
681	1377'	696'	Redbeds & Anhy				
1377	1607'	230'	Anhy				
1607	2860'	1253'	Salt & Anhy				
2860	4117'	1257'	Anhy				
4117'	4803'	686'	Core				
	TD						

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JUN 8 1983
C.C.D.
WORKS OFFICE