

P. O. BOX 100
HONOLULU, HAWAII 96810UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Phillips Petroleum Company						5. LEASE DESIGNATION AND SERIAL NO. NM-04411	
3. ADDRESS OF OPERATOR Room 401, 4001 Penbrook St., Odessa, Texas 79762						6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (Unit K) 1980' FSL & 1980' FWL At top prod. interval reported below Same At total depth Same						7. UNIT AGREEMENT NAME -	
14. PERMIT NO. ---						DATE ISSUED 6-5-84	
15. DATE SPUDDED 6-28-84						16. DATE T.D. REACHED 8-02-84	
17. DATE COMPL. (Ready to prod.) 8-20-84						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3982' GR, 4001.6' KB	
19. ELEV. CASINGHEAD ---						20. TOTAL DEPTH, MD & TVD 10,650'	
21. PLUG, BACK T.D., MD & TVD 10,602'						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →						ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Upper Pennsylvanian TOP: 10,292' BOTTOM: 10,650'						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger ran Neutron-Litho Density, Dual Laterolog; CRC ran GR/CCL						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48#		370'		17-1/2"	
8-5/8"		32#		4650'		12-1/4"	
5-1/2"		17#, 15.5#		10,650'		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED					
400 sx "C" w/2% CaCl. Circ		10 sx to surf.					
1200 sx "C", 40% DD, 18% salt, 1/4#/sx cello-							
phane + 200 sx "C" Neat. Circ 244 sx							
*See reverse side							
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
				N - O - N - E			
SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
		2-3/8"		10,398'			
31. PERFORATION RECORD (Interval, size and number) Perf'd 5-1/2" csg w/4" gun 2JSPF @ 10537'-10539'; 10560'-10562'; 10566'-10574'; (8-20-84) 10515'-10528'; 10548'-10560' (8-27-84) 10324'-10328'; 10331'-10335' (9-06-84)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
10,537'-10,574'		3000 gals 15% NEFE HCL w/15BS					
10,515'-10,574'		8000 gals 15% NEFE HCL w/60BS					
10,324'-10,335'		2000 gals 15% NEFE HCL					
10,324'-10,335'		5000 gals 20% gelled acid					
33. PRODUCTION							
DATE FIRST PRODUCTION 8-23-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 2" x 1 1/2" x 16' insert pump				WELL STATUS (Producing or shut-in) producing	
DATE OF TEST 10-07-84		HOURS TESTED 24		CHOKE SIZE -		PROD'N. FOR TEST PERIOD →	
OIL—BBL. 26		GAS—MCF. 140		WATER—BBL. 17		GAS-OIL RATIO 5385	
FLOW. TUBING PRESS. -		CASING PRESSURE -		CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.) 41.7	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) waiting on connection							
35. LIST OF ATTACHMENTS Logs furnished direct by logging company							
36. I hereby certify that the foregoing and attached information is complete and correct as compared with all available records.							
SIGNED W. J. Mueller		TITLE		DATE October 9, 1984		TEST WITNESSED BY Doug Haynes	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

#28 (Cont.) 5-12/" csg cemented w/150 sx "H" w/20% DD, 1/4#/sx cellophane, 3# /sx gilsonite, .3% LWL, 10% TFH Tall w/230 sx "H" Neat. Opened DV tool @ 7791', circ 106 sx. 2nd stg: Cmt'd w/400 sx "H" w/40% DD, 1/4#/sx cellophane, 3#/sx gilsonite w/100 sx "H" neat. TOC @ 3200' per temperature survey.

17. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP		BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	TOP	
	Surface	1891				MEAS. DEPTH	TRUE VERT. DEPTH
	1891	2120	2740	Red Bed	Yates	3,038	+964'
	2120	2740	2877	Red Bed, salt	Queen	3,900	+102'
	2740	2877	2948	Salt, anhy	San Andres	4,702	-700'
	2877	2948	3215	Red Bed, salt, anhy	Glorieta	6,270	-2268'
	2948	3215	4573	Anhy, lime	Clear Fork	6,790	-2788'
	3215	4573	4756	Salt, anhy	Abo	8,088	-4086'
	4573	4756	5598	Anhy, dolo	Wolfcamp	9,680	-5678'
	4756	5598	6422	Dolo	Upper Pennsylvanian	10,292	-6290'
	5598	6422	6852	Dolo, sand	Townsend Pay Zone	10,420	-6418'
	6422	6852	7060	Lime, shale			
	6852	7060	7884	Sand, dolo			
	7060	7884	8808	Sand, dolo, shale			
	7884	8808	8890	Dolo, shale			
	8808	8890	9215	Sandy dolo			
	8890	9215	9567	Lime, shale, dolo			
	9215	9567	9857	Lime, dolo			
	9567	9857	9940	Dolo, shale			
	9857	9940	10168	Dolo, shale, sand			
	9940	10168	10374	Dolo, shale			
	10168	10374	10650	Sandy lime, dolo			
	10374	10650	TD	Sandy lime, shale			
				Lime, shale			