

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-32185	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Phillips Petroleum Company (367-1266)		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 4001 Penbrook, Rm 401, Odessa, TX 79762		8. FARM OR LEASE NAME Abo-20-Fed	
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements) At surface 660' FNL & 990' FEL At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
10. FIELD AND POOL, OR WILDCAT Ellenburger (wildcat)		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 11 S 20, 11-5, 23E	
12. COUNTY OR PARISH Chaves		13. STATE New Mexico	
15. DATE SPUDDED 8/16/81	16. DATE T.D. REACHED 9/11/82	17. DATE COMPL. (Ready to prod.) SEP 29 1982	18. ELEVATIONS (DF, BEB, RT, GR, ETC.)* 3848.8' (unprepared)
20. TOTAL DEPTH, MD & TVD 4465	21. PLUG BACK T.D., MD & TVD 3900'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY X
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-RXO-GR Cal, CNL-SDC, BHC Sonic			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#, H-40	360'	17-1/2"
8-5/8"	24#, K-55	1409'	11"
4-1/2"	11#, N-80	4465'	7-7/8"
			CEMENTING RECORD
			600 sx C1 "C"
			150 sx C1 "C"
			500 sx C1 "H"+
			500 sx 50/50 C1 "C" poz mix
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4200-4115'		Set CIBP @ 4180', 35 sx on top	
3428-3825'		Set CIBP @ 3935', 35 sx on top	
3038-3272'		sqzd 65 sx cmt into perfs	
3038-3825'		Howco sptd 100 sx plug from	
33. 1485-1149', sptd 25 sx plug from PRODUCTION 50' to surface, Hole P & A perfs selectively			
DATE FIRST PRODUCTION Dry Hole		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of 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.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
TEST WITNESS			
SEP 28 1982			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>E. J. Mueller</u> TITLE <u>Sr. Engrg. Specialist</u> DATE <u>7/21/82</u>			

(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.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Surface Rock	0	122		San Andres	176'	
any, sand	122	1411		Glorieta	1417'	
any, shale				Tubb	2307'	
shale, sand	1411	2036		Abo "	3009'	
any, shale	2036	2720		T/Wolfcamp	3836'	
any, shale	2720	3038		Granite Wash	4210'	
shale, any	3038	3226				
abo shale	3226	3412				
shale, granite	3585	4420				
	4420	4465				

DEVIATION TESTS
PHILLIPS PETROLEUM CO.
ABO FEDERAL 20 WELL #1
SECTION 26, T-12-S, R-23-E, 660' FWL, 1980' FNL
CHAVES COUNTY, NEW MEXICO

<u>DEPTH</u> <u>(FEET)</u>	<u>DEVIATION</u> <u>(DEGREES)</u>
360	3/4
1,078	3/4
1,536	3/4
2,036	1
2,223	3/4
2,751	1
3,252	1 1/4
3,750	1 1/4
4,247	1 1/2

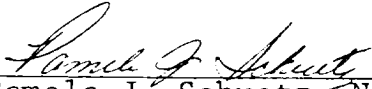
WARTON DRILLING COMPANY


N. J. Halfacre
Vice President/Operations Manager

SUBSCRIBED AND SWORN TO before me this 14th day of
September, A. D. 1981.



PAMELA J. SCHUETZ
Notary Public State of Texas
My Commission Expires August 16 1984


Pamela J. Schuetz, Notary Public
in and for the State of Texas

