Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42 R355.5.

API #30-105-20454

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM 18508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ———

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 ———

7. UNIT AGREEMENT NAME: ———

2. NAME OF OPERATOR: Phillips Petroleum Company

8. FARM OR LEASE NAME: Luther - A

3. ADDRESS OF OPERATOR: Room 711, Phillips Bldg., Odessa, Texas 79761

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 660' FS & 1,980 FW lines (Unit N)
At top prod. interval reported below
At total depth: Same

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 18, 8-S, 32-E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
———	9-5-74	Chaves	New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11-8-74	1-6-75	1-30-75 (csg.perf.)	4,417' DF	4395.2' GR

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
10,620	4,535'	———	→	0-10322	———

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4,118-4,248', San Andres - top 3,320', bottom 4,535'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Schlumberger BHC Sonic, GR Caliper, Dual Lateralog, CNL-FDC

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	427'	17-1/2" (cmtd	500 sx Class H w/2% $CaCl_2$	———
8-5/8"	32#	4584'	12-1/4" (Cmtd	& ¼# Celloflakes in 1st 200 sx. Circ 145 sx) 850 sx TRLW w/10% DD, 7½# salt/sx & 325 sx Class H w/2% $CaCl_2$. Temp TOC @ 2,000')	———

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	4,178'	———

31. PERFORATION RECORD (Interval, size and number)
4,118-30-, 4,149-51', 4,157-60', 4,226-48'
One shot /ft total 39 feet, 39 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4,118-4,248	2,000 gals 15% HCL NE acid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
2-3-75	2" x 1-1/4" x 16' Insert pump.	

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-26-75	24	———		53	TSTM	12	TSTM

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
———	———		———	———	———	9.5

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS
Logs furnished direct by Schlumberger; DST Detail previously submitted.

TEST WITNESSED BY: E. T. Millhollon

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED W.J. Mueller TITLE Senior Reservoir Engineer DATE 3-3-75

*(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.	Top	Bottom	NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
urface sand, caliche	0	427						
edbeds	427	1,601	Lime, shale	9,698	9,712	Rustler	1,588	
edbeds, Anhydrite	1,601	2,151	Shale	9,712	9,830	Yates	2,134	
edbeds, Anhydrite, gyp	2,151	2,938	Shale, lime	9,830	10,259	San Andres	3,320	
hale, lime, sand	2,938	3,326	Lime, shale sand	10,259	10,297	Glorieta	4,645	
ime, shale	3,326	3,550	Lime, shale	10,297	10,362	Clearfork	5,450	
ime, dolomite nhydrite	3,550	3,714	Lime, Shale, Chert	10,362	10,403	Tubb	6,228	
and, dolomite, Anhydrite	3,714	3,916	Lime, Shale	10,403	10,507	Wolfcamp A Zone	8,093	
olomite	3,916	4,028	Lime	10,507	10,578	Three Brothers	8,425	
olomite, sand	4,028	4,302	Lime, Shale	10,578	10,620	Bough C	8,655	
olomite	4,302	4,627				Cisco	8,780	
ime, Sand	4,627	5,743				Canyon	9,105	
and, dolomite	5,743	6,077				Strawn	9,535	
hale, lime, sand	6,077	6,676				Atoka Lime	9,775	
ime	6,676	6,870				Atoka Sand	9,840	
olomite, shale, sand	6,870	7,100				Mississippian	10,450	
hale	7,100	7,697						
hale	7,697	7,894						
hale, dolomite	7,894	8,033						
ime, shale, dolomite	8,033	8,196						
ime, Shale	8,196	8,338						
ime	8,338	8,794						
ime, Chert	8,794	8,882						
ime	8,882	9,565						
ime, shale, sand	9,565	9,698						

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