

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

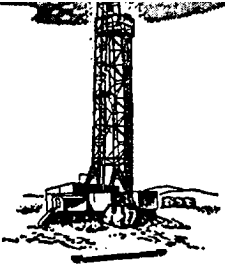
1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		1. LEASE DESIGNATION AND SERIAL NO. LC-028793-C	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF RESER ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Phillips Petroleum Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 4001 Penbrook Street, Odessa, Texas 79762		8. FARM OR LEASE NAME Burch C Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface Unit O, 2070 FEL, 1310 FSL At top prod. interval reported below Same as above. At total depth Same as above.		9. WELL NO. 48	
14. PERMIT NO. 30-015-26880		10. FIELD AND POOL, OR WILDCAT Gb/Jackson 7RQ-Gb-SA	
DATE ISSUED 11-6-91		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 23, 17-S, 29-E	
15. DATE SPUDDED 11-25-91		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 12-13-91		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 3-4-92		19. ELEV. CASINGHEAD	
18. ELEVATIONS (DF. RKB, RT, GR, ETC.)* 3592' DF; 3588' GR		20. TOTAL DEPTH, MD & TVD 3575'	
21. PLUG. BACK T.D., MD & TVD 3529'		22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2268'-2284' Loco Hills 2749'-2868' Jackson	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN DDL-DSFL-GR-CAL; CNL-LDT-GR-CAL-LSS-FWS	
27. WAS WELL CORED Yes		28. CASING RECORD (Report all strings set in well)	
CASINO SIZE 8-5/8" 5-1/2"		WEIGHT, LB./FT. 24# 15.5#	
DEPTH SET (MD) 376 3574		HOLE SIZE 12-1/4" 7-7/8"	
CEMENTING RECORD 350 sxs Class "C" 1200 sxs Cl. "C" H/L 400		AMOUNT PULLED sxs "C" Neat	
29. LINER RECORD		30. TUBING RECORD	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD)		SIZE DEPTH SET (MD) PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 3283'-3470' 4" (69) shots RBP SET @ 2920 3066'-3103' 4" (20) shots 2749'-2868' 4" (69) shots 2268'-2284' 4" (21) shots		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3283-3470 3284-3470 3066-3103 AMOUNT AND KIND OF MATERIAL USED Acidz'd w/3500 gals Pentol Frac'd w/40000 gals polyemulsior 139000 lbs, 16/30 sand Acidz'd w/1800 gals Pentol 200 Acidz'd w/3000 gals Pentol 200	
33.* DATE FIRST PRODUCTION 3/6/92		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Pump	
WELL STATUS (Producing or shut-in) Producing		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold (Waiting on gas connection.)	
DATE OF TEST 4/4/92		HOURS TESTED 24	
CHOKE SIZE 1"		PROD'N. FOR TEST PERIOD →	
OIL—BBL. 20		GAS—MCF. 19	
WATER—BBL. 22		GAS-OIL RATIO 950	
FLOW. TUBING PRESS. 20#		CASING PRESSURE →	
CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.) 38.0°	
35. LIST OF ATTACHMENTS Logs Previously Submitted		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED J. M. Sanders		TITLE Supv., Reg. & Proration	
DATE 4/8/92		DATE 9/15/368-1665	

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

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	TO
Yates	978(+2615)	1200(+2393)	Anhydrite & Dolomite			
Seven Rivers	1200(+2393)	1828(+1765)	Anhydrite w/minor Dolomite & shale			
Queen	1828(+1765)	2152(+1441)	Anhydrite, Dolomite & shale			
Grayburg	2152(+1441)	2516(+1077)	Dolomite and some Sand			
Loco Hills Sand	2245(+1348)	2286(+1307)	Dolomite & Sand			
Metex	2380(+1213)	2410(+1183)	Dolomite			
San Andres	2516(+1077)	TD	Dolomite w/minor anhydrite			
Lovington	2608(+ 985)	2620(+ 973)	Siltstone w/anhydrite			
Jackson	2750(+ 843)	3040(+ 553)	Dolomite			
Keely	3282(+ 311)	TD	Dolomite and anhydrite			

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 470 / ARTESIA, NEW MEXICO 88210



December 17, 1991

Phillips Petroleum Company
4001 Penbrook
Odessa, TX 79762

RE: Burch C Well No. 48
1210' FSL & 2070' FEL
Sec. 23, T17S, R29E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
180'	3/4°
376'	1/2°
870'	1 1/2°
1336'	1°
1840'	1°
2275'	1/4°
3290'	1 1/2°
3575'	1°

Very truly yours,

C. E. LaRue
Vice President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before
me this 17th day of December, 1991.

NOTARY PUBLIC

