

UNITED 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.

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-028784-C	
b. TYPE OF COMPLETION: WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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 St., Odessa, Texas 79763		8. FARM OR LEASE NAME Keely-C Fed	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit B, 660' FNL & 1830' FEL At top prod. interval reported below Unit B 660' FNL & 1830' FEL At total depth Unit B, 660' FNL & 1830' FEL		9. WELL NO. 60	
14. PERMIT NO. 30-015-25715		10. FIELD AND POOL, OR WILDCAT Grayburg-Jackson-7R-Q-G-SA	
DATE ISSUED 12/31/86		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T-17-S, R-29-E	
15. DATE SPUNDED 2/19/87		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 3/4/87		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 7/21/87		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL 3643', RKB 3652'	
19. ELEV. CASINGHEAD -		20. TOTAL DEPTH, MD & TVD 4594'	
21. PLUG, BACK T.D., MD & TVD 4070'		22. IF MULTIPLE COMPLETIONS, HOW MANY? 1	
23. INTERVALS DRILLED BY 0-4594'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Grayburg-San Andres 2427-3510'	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-MSFL-GR-Caliper; CNL-LDT-GR-Caliper	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASINO SIZE 8-5/8" 5-1/2"		WEIGHT, LB./FT. 24# 17#	
DEPTH SET (MD) 372' 4594'		HOLE SIZE 12-1/4" 7-7/8"	
CEMENTING RECORD 350 sk Class "C" (circ'd) 1050 sk Class "C" (circ'd)		AMOUNT PULLED -- --	
29. LINER RECORD		30. TUBING RECORD	
SIZE -----		SIZE 2-3/8"	
TOP (MD) -----		DEPTH SET (MD) 3561'	
BOTTOM (MD) -----		PACKER SET (MD) -----	
SACKS CEMENT* -----		SCREEN (MD) -----	
31. PERFORATION RECORD (Interval, size and number) Perforated 5-1/2" casing w/4" casing gun 2427'-3510'- 2 shots per foot Net 99', 198 holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 4217-3445' 2427-3510' AMOUNT AND KIND OF MATERIAL USED sqzd w/200 sk Class "C" 7500 gal. 15% NeFe HCL acid 78000 gal. gelled x-linked 2% KCL wtr & 150000# 20/40 mesh	
33.* PRODUCTION sand		DATE FIRST PRODUCTION 7/23/87	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2"x1-1/2"x12' barrel pump		WELL STATUS (Producing or shut-in) producing	
DATE OF TEST 8/5/87		HOURS TESTED 24	
CHOKE SIZE -----		PROD'N. FOR TEST PERIOD -----	
OIL—BBL. 21		GAS—MCF. 10.6	
WATER—BBL. 37		GAS-OIL RATIO 504.7/1	
FLOW, TUBING PRESS. -----		CASING PRESSURE -----	
CALCULATED 24-HOUR RATE -----		OIL GRAVITY-API (CORR.) 35.7°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Lendell Hawkins	
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 determined from all available records	
SIGNED W.J. Mueller		TITLE Eng. Supervisor, Reservoir	
DATE 9/2/87		DATE 9/2/87	

*(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.

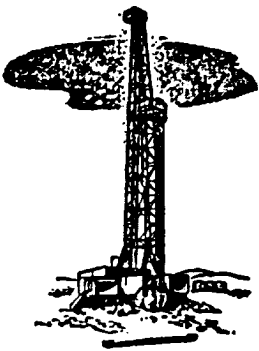
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Redbed	0	480		Tansill	942	
Salt, Anhyd.	480	942		Yates	1087	
Dol., Anhyd.	942	2322		Seven Rivers	1370	
Dol., & Sand	2322	2672		Queen	1963	
Dol., & Lime	2672	4082		Penrose	2219	
Dol., & Sand	4082	4594		Grayburg	2322	
				Loco Hills	2440	
				Metex	2549	
				Premier	2650	
				San Andres	2672	
				Lovington		
				Sand	2750	
				Glorieta	4082	



Telephone (505) 748-2205

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

P. O. BOX 472 / ARTESIA, NEW MEXICO 88210
470

Received

March 9, 1987

RECEIVED

SEP 10 1987

SEP 11 '87

O. C. D.
ARTESIA OFFICE

P.D.R. Regulatory Section

Phillips Petroleum Company
4001 Penbrook
Odessa, TX 79762

Re: Keely C Federal #60
660' FNL & 1830' FEL
Sec. 13, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
372'	3/4°
636'	1 1/2°
790'	1 1/4°
1069'	1/2°
1408'	1/2°
1909'	1/2°
2439'	1°
2902'	1°
3370'	1°
3899'	1°
4399'	1°
4600'	3/4°

Very truly yours,

B. N. Muncy Jr.
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 9th day of March, 1987.

NOTARY PUBLIC