

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE*
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-028784-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

KEELY-C FED
Grayburg Deep Unit

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Undesignated Abo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 24, T-17-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

19. ELEV. CASINGHEAD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other RECEIVED

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

Phillips Petroleum Company

AUG 23 '88

3. ADDRESS OF OPERATOR

4001 Penbrook St., Odessa, TX 79762

O. C. D.

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.)

At surface Unit P, 330' FSL & 660' FEL

At top prod. interval reported below Unit P, 330' FSL & 660' FEL

At total depth Unit P, 330' FSL & 660' FEL

14. PERMIT NO.

30-015-25668

DATE ISSUED

1/20/86

15. DATE SPUDDED

11/26/86

16. DATE T.D. REACHED

12/16/86

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

3610.8' GR

20. TOTAL DEPTH, MD & TVD

6900

21. PLUG, BACK T.D., MD & TVD

6857'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dry Hole—well to be plugged back & completed in Grayburg Jackson, 7R, Q, GB, SA fields as Keely-C Fed. Well No. 61

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-DLL-MICRO-SFL-GR; CNL-LDT-GR-Cal; BHC-Sonic-GR

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	54.5#	372'	17-1/2"	500 SK C-TOC surface	-----
8-5/8	24#	3500'	11"	1100 SK C-TOC surface	-----
5-1/2	15.5# & 14#	6900'	7-7/8"	550 SK C-TOC 3320'	-----

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Perf. w/4" OD csg gun w/DML charges:

6513'-6517', 4', 8 holes; 6528'-6540', 12' 6 holes; 6553'-6557', 4', 8 holes; 6562'-6574', 12', 24 holes; 6596'-6606', 10', 20 holes; 6638'-6650', 12', 6 holes; 6659'-6663', 4', 8 holes; 6710'-6718', 8', 16 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6680'	CIBP

DATE FIRST PRODUCTION

6734'-6738', 4', 8 holes; 6750'-6758', 8', 16 holes.

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

NONE

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.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY

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

W. J. Mueller

TITLE Eng. Supervisor, Reservoir

DATE 8/19/88

*(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 TOP
Yates	1035	1342	anhydrite and dolomite		
Seven Rivers	1342	1982	anhydrite, halite, dolomite w/sand lenses		
Queen	1982	2318	anhydrite, sandstone, dolomite		
Grayburg	2318	2710	dolomite, sandstone, anhydrite		
San Andres	2710	4186	dolomite + anhydrite		
Glorieta	4186	5891	Sandy dolomite + Sandstone		
Tubb	5891	6450	" "		
Abo	6450	6550	green shales + dolomite		
Abo Reef	6550	----	dolomite		



K. Jay Reynolds

ROD RIC CORPORATION

P. O. BOX 1767

MIDLAND, TEXAS 79702

(915) 682-7880

RECEIVED

AUG 23 '88

O. C. D.
ARTESIA, OFFICE

KEELY-C FED #61

Well Name & Number

Grayburg Deep Unit #9

Operator

Phillips Petroleum Company

Location

Section 24, T-17-S, R-29-E

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
156	156	1/2°	.87	1.36	1.36
343	187	1 1/4	2.18	4.08	5.44
595	252	3/4	1.31	3.30	8.74
992	397	1 1/2	2.62	10.40	19.14
1304	312	1	1.75	5.46	24.60
1616	312	1	1.75	5.46	30.06
2114	498	1 3/4	3.05	15.19	45.25
2364	250	2 1/2	4.36	10.90	56.15
2397	33	2 1/4	3.93	1.30	57.45
2492	95	2	3.49	3.32	60.77
2676	184	1 3/4	3.05	5.61	66.38
2770	94	1 3/4	3.05	2.87	69.25
2954	184	1	1.75	3.22	72.47
3307	353	1 1/4	2.18	7.70	80.17
3475	168	1	1.75	2.94	83.11
3702	227	1	1.75	3.97	87.08
4107	405	1/2	.87	3.52	90.60
4605	498	3/4	1.31	6.52	97.12
5105	500	1/2	.87	4.35	101.47
5598	493	2 1/2	4.36	21.49	122.96
5698	100	3	5.23	5.23	128.19
5755	57	2 1/4	3.93	2.24	130.43

Drilling Contractor: Rod Ric CorporationBy: Jane W. ThomasSubscribed and sworn to before me this 22nd day of December 1986Shirleen Mitchell
Notary Public

My Commission Expires

2/21/89Midland County, Texas

10/10/2020

10/10/2020

10/10/2020

10/10/2020

10/10/2020

10/10/2020

RECORD OF INCLINATION

[illegible]

If additional space is needed, attach separate sheet and check here. ☐

REMARKS: _____

