

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other
instructions on
reverse side)

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 _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other _____

2. NAME OF OPERATOR
TEXACO PRODUCING INC. ✓

3. ADDRESS OF OPERATOR
P. O. Box 3109, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL & 1980' FEL, UNIT LETTER B

At top prod. interval reported below SAME

At total depth SAME

API #

API NO. 30-015-26502

14. PERMIT NO. DATE ISSUED
10-11-90

5. LEASE DESIGNATION AND SERIAL NO.
NM-29233

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
NEFF-13-FEDERAL

9. WELL NUMBER
4

10. FIELD AND POOL, OR WILDCAT
LIVINGSTON RIDGE DELAWARE

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

SEC 13, T-22-S. R-31-E

12. COUNTY OR PARISH
EDDY

13. STATE
NM

15. DATE SPUDDED 12-27-90 16. DATE T.D. REACHED 01-11-91 17. DATE COMPL. (Ready to prod.) 01-24-91 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR-3597', KB-3611' 19. ELEV. CASINGHEAD 3597'

20. TOTAL DEPTH, MD & TVD 8450' 21. PLUG BACK T.D., MD & TVD 8435' 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 0-8450' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7112' - 7138'; BRUSHY CANYON 25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-ZDL-DSN, GR-DIL-FSL 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
11 3/4	42#	840'	14 3/4	700 SX, CIRC. 45 SX	
8 5/8	32#	4350'	11	1540 SX, CIRC. 15 SX	
5 1/2	15.5 & 17#	8450'	7 7/8	1550 SX, CIRC. 363 SX	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 7/8	7146'

31. PERFORATION RECORD (Interval, size, and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7112 - 18', 7122 - 26', 7130 - 38', W/2 JSPF (36 HOLES)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		7112 - 38'	ACID-2300 GAL 7.5% NEFE
			FRAC-47500 GAL XLG 2% KCL WATER
			82500# 20/40 SD & 10000# 12/20 SD

33.* PRODUCTION
DATE OF FIRST PRODUCTION 01-26-91 PRODUCTION METHOD (Flowing, gas lift, pumping- size and type of pump) PUMPING 2.5 X 1.75 X 24 WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST 02-03-91 HOURS TESTED 24 CHOKE SIZE PROD'N. FOR TEST PERIOD 198 GAS - MCF. 72 WATER - BBL. 27 GAS - OIL RATIO 363.6
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24 HOUR RATE OIL - BBL. GAS - MCF. WATER - BBL. OIL GRAVITY - API (CORR.) 39.3

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED FOR TEST PURPOSES ONLY TEST WITNESSED BY G. WEIR

35. LIST OF ATTACHMENTS
DEVIATION SURVEY

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

SIGNED C. P. Basham / SOH TITLE DRILLING SUPERINTENDENT DATE 02-22-91

*(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	TRUE VERT. DEPTH
BRUSHY CANYON	7088'	8440'	SANDSTONE, OIL, & ASSOCIATED GAS	RUSTLER	817'	
				LAMAR	4383'	
				BELL CANYON	4556'	
				CHERRY CANYON	5652'	
				BRUSHY CANYON	7088'	
				BONE SPRING	8440'	

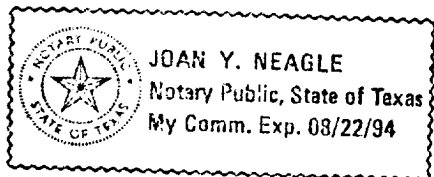
FIELD Livingston Ridge Delaware COUNTY Eddy OCC NUMBER _____
OPERATOR Texaco ADDRESS P. O. Box 3109, Midland, TX 79702
LEASE Neff 13 Federal WELL NO. 4
SURVEY 660' FNL & 1980' FEL of Section 13, T-22-S, R-31-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
500	1/2
840	1
1313	1 1/4
1813	1
2284	3/4
2782	3/4
3091	1 3/4
3421	1
3892	1 1/4
4350	1 1/2
4826	3 1/2
5108	3 1/2
5233	3 1/4
5451	3
5703	2
6142	1 1/2
6612	1
7116	1/2
7586	1/2
7663	1/2
8152	3/4
8450	1

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.



HONDO DRILLING COMPANY

BY: S. C. Thatch
S. C. Thatch, Drilling Superintendent

Sworn and subscribed to before me the undersigned authority, on this the

18th day of January, 1991.

Joan Y. Neagle
Joan Y. Neagle

Notary Public in and for Midland County, TX.