

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM 86147

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Emerald Fed.

9. API WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Livingston Ridge, E. Del.

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

Sec. 10, 22-S, 32-E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other TA'D

b. TYPE OF COMPLETION:  
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other SEP 27 1993

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS AND TELEPHONE NO.

4001 Penbrook St., Odessa, Texas 79762

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

At surface Unit M, 660' FSL & 660' FWL

At top prod. interval reported below

At total depth Unit M, 660' FSL & 660' FWL

14. PERMIT NO. 30-025-31976  
DATE ISSUED 5/3/93

15. DATE SPUDDED 5/24/93  
16. DATE T.D. REACHED 6/8/93  
17. DATE COMPL. (Ready to prod.)  
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)\* 3809' DF; 3797' GR  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8830'  
21. PLUG, BACK T.D., MD & TVD 4450'  
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)\*  
25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL/MSFL/GR/CAL; CNL/LDT/GR/CAL  
27. WAS WELL CORRED  
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	857'	17-1/2"	900 sxs cl C	782 TOC
8-5/8"	24# & 32#	4520'	12-1/4"	1350 sxs cl C tail w/150sxs cl C	4471 TOC

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						None	

31. PERFORATION RECORD (Interval, size and number)

Holding wellbore for future SWD.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8832'-8500'	60 sxs cl C TOC @ 8500
7210'-7090'	50 sxs cl C
6960'-6830'	60 sxs cl C
4600'-4450'	60 sxs cl C TOC @ 4460

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
TA'D Wellbore							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	WATER—BBL.	GAS-OIL RATIO	
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			→				

ACCEPTED FOR RECORD

Lara

OCT 18 1993

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

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

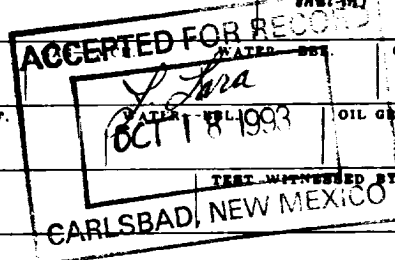
J. M. Sanders

TITLE Supv., Reg. Affairs

DATE 9/24/93

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Castile	2770	4842	Anhydrite, halite & minor amounts of limestone			
Bell Canyon	4842	5790	Sandstone, shale & minor amounts of limestone			
Cherry Canyon	5790	6990	Sandstone, shale with minor amounts of limestone			
Brushy Canyon	6990	8757	Sandstone & shale			
Bone springs	8757	TTD	Limestone			