

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 14799

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Union Federal A Fed.

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Lea (Penn)

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

Sec. 10, T20S, R34E,  
Unit M

12. COUNTY OR PARISH

13. STATE

Lea New Mexico

19. ELEV. CASINGHEAD

23. INTERVALS DRILLED BY

XX

25. WAS SECTION SURVEY MADE

FEB 23 1981

U.S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

Estoril Producing Corporation

3. ADDRESS OF OPERATOR

11th Floor, Vaugh Bldg., Midland, Tx. 79701

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

At surface 660 FSL &amp; 660 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

FEB 17 1981

U.S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

15. DATE SPUNDED

4-23-80

16. DATE T.D. REACHED

6-27-80

17. DATE COMPL. (Ready to prod.)

9-2-80

18. ELEVATIONS (D, R, B, M, GR, ETC.)\*

3644.4 GR

20. TOTAL DEPTH, MD &amp; TVD

13,600

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

13,527

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

13,126 - 13,214 (Morrow)

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL, DNL, Caliper, Cement Bond Log

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"	54.50#	844'	17-1/2"	710 sx. Class C, 2% CaCl	
9-5/8"	43.5 & 47#	4862'	12-1/4"	1925 sx. Pacesetter & CaCl	
5-1/2"	17 & 20#	13,600'	8-3/4"	1427 sx. Lightweight Class H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	13,019	12,987

31. PERFORATION RECORD (Interval, size and number)

13,126-30 - .50 4 holes  
13,157-64 - .50 4 holes  
13,173-86 - .50 4 holes  
13,206-14 - .50 4 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,126-13,214	3000 gals 7-1/2% MS acid
	1000 SCF/bbl nitrogen,
	30,000 gals MS frac

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-20-80		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-31-80	4	various	→	4	332	none	13,844
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
5621	pkp	→	24	753	none	50.8 at 60°	

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

Llano, Inc.

TEST WITNESSED BY

Bruce C. Monroe

35. LIST OF ATTACHMENTS

One point back pressure test (Form C-122) &amp; DST #1 &amp; #2

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

SIGNED

Bucky Middleton

TITLE Agent

DATE 2-13-81

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