

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

*other in-
structions on
reverse side)

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

c/sf

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. RENVR. ☐ OTHER ☐
2. NAME OF OPERATOR: MARBOB ENERGY CORPORATION ✓
3. ADDRESS AND TELEPHONE NO.: P.O. BOX 227, ARTESIA, NM 88210 505-748-3303
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 2310 FNL 865 FEL
At top prod. interval reported below: SAME
At total depth: SAME

N.M. Oil Cons. Division

811 S. 1st St
Artesia, NM 88210-2834

5. LEASE DESIGNATION AND SERIAL NO.: LC-0467932

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.: E.L. FEDERAL #4

9. API WELL NO.: 30-015-30258

10. FIELD AND POOL, OR WILDCAT: LOCO HILLS PADDOCK

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SEC. 21-T17S-R30E

12. COUNTY OR PARISH: EDDY
13. STATE: NM

15. DATE SPUDDED: 7/14/98
16. DATE T.D. REACHED: 7/22/98
17. DATE COMPL. (Ready to prod.): 5/5/99
18. ELEVATIONS (OF, RKB, RT, GR, ETC.): 3650' GR
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 5000'
21. PLUG BACK T.D., MD & TVD: 4912'
22. IF MULTIPLE COMPL., HOW MANY?
23. INTERVALS DRILLED BY: 0-5000'
ROTARY TOOLS
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 4562-4877' PADDOCK
25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: LML, SDSN
27. WAS WELL CORED: 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
8 5/8"	24#	420'	12 1/4"	400 SX	READY MIX TO SURF
5 1/2"	17#	4973'	7 7/8"	1500 SX	CIRC 205 SX

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	4492'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4562-4877' 20 SHOTS

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4562-4877'	ACD W/2000 GALS 15% NEFE ACID

33. PRODUCTION

DATE FIRST PRODUCTION: 5/6/99		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): PUMPING				WELL STATUS (Producing or shut-in): PROD	
DATE OF TEST: 5/7/99	HOURS TESTED: 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.: 39	GAS—MCF.: 140	WATER—BBL.: 871	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.): SOLD

35. LIST OF ATTACHMENTS: LOGS, DEVIATION SURVEY
TEST WITNESSED BY: OWEN PUCKETT

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

SIGNED: Robin Cochrane

TITLE: PRODUCTION ANALYST

DATE: 5/10/99

*(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. DEPT
				YATES	1273'	
				QUEEN	2190'	
				SAN ANDRES	2912'	
				GRBG	4384'	

MADE IN U.S.A.