

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
N.M. Oil & Gas Division  
111 S. 1st Street  
Artesia, NM 88210-2834

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995  
LEASE DESIGNATION AND SERIAL NO.  
LC-028775B

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. RESVR. ☐ 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 FSL 2310 FWL  
At top prod. interval reported below SAME  
At total depth SAME

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
BARNSDALL FED #13

9. API WELL NO.  
30-015-30209

10. FIELD AND POOL, OR WILDCAT  
EAST EMPIRE YESO

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC. 27-T17S-R29E

12. COUNTY OR PARISH  
EDDY

13. STATE  
NM

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 06/23/99

16. DATE T.D. REACHED 07/05/99

17. DATE COMPL. (Ready to prod.) 08/19/99

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\* 3530' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4785'

21. PLUG, BACK T.D., MD & TVD 4771'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS 0-4785'

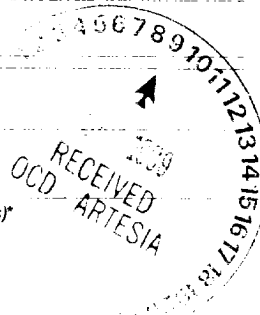
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*  
4262-4596' YESO

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CSNG, SDL

27. WAS WELL CORED  
No

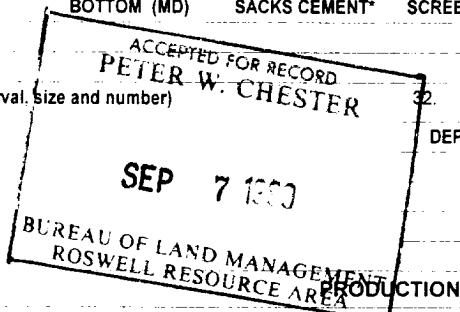


CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT	CEMENTING RECORD
8 5/8", J-55	24#	431'	12 1/4"	400 SX	
5 1/2", J-55	17#	4783'	7 7/8"	1450 SX	
					AMOUNT PULLED
					2 1/2 YDS
					CIRC 20 SX

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 3/8"	4210'
						PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
4262-4596' 18 SHOTS

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) 4262-4596'  
AMOUNT AND KIND OF MATERIAL USED  
ACD W/2000 GALS 15% NEFE ACID



33. DATE FIRST PRODUCTION 08/22/99

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

WELL STATUS (Producing or shut-in)  
PROD

DATE OF TEST 08/23/99

HOURS TESTED 24

CHOKE SIZE

PROD'N FOR TEST PERIOD

OIL---BBL. 62

GAS---MCF. 83

WATER---BBL. 905

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

TEST WITNESSED BY  
OWEN PUCKETT

35. LIST OF ATTACHMENTS  
LOGS, DEVIATION SURVEY

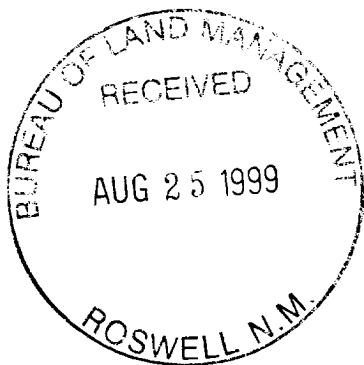
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Robin Coccrum TITLE PRODUCTION ANALYST

DATE 08/24/99

\*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
YATES	845'				
QUEEN	1770'				
SAN ANDRES	2513'				
GLORIETTA	4060'				



# Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors  
PO Box 1370      Artesia, NM 88211-1370  
505/746-6651      746-3518      fax 748-2205

July 15, 1999

Marbob Energy Corporation  
PO Drawer 227  
Artesia, NM 88211-0227

RE:      Barnsdale #13  
         2310' FSL & 2310' FWL  
         Sec. 27, T17S, R29E  
         Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
439'	1 1/4
944'	1 3/4
1439'	3/4
1934'	1
2525'	1 1/2
3089'	1 3/4
3524'	1 3/4
4305'	1 3/4
4785'	1 3/4

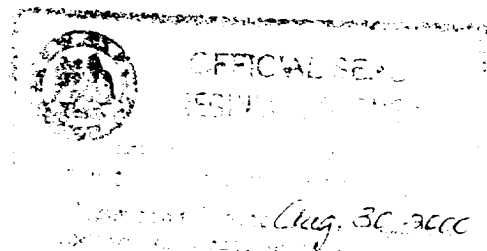
Very truly yours,

Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO      }  
COUNTY OF EDDY      }

The foregoing was acknowledged before me  
this 15th day of July, 1999.

\_\_\_\_\_  
Notary Public



99\_950.DOC

*Serving Southeast New Mexico and West Texas Since 1974*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
LC-028775B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☒ Gas Well ☐ 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 (Footage, Sec., T., R., M., or Survey Description)

2310 FSL 2310 FWL, SEC. 27-T17S-R29E UNIT K

8. Well Name and No.

BARNSDALL FED #13

9. API Well No.

30-015-30209

10. Field and Pool, or Exploratory Area

EAST EMPIRE YESO

11. County or Parish, State

EDDY, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other TD, CMT CSG

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

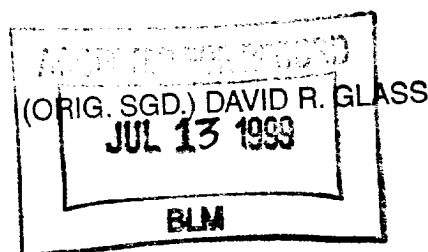
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

TD WELL @ 5:15 A.M. 7/5/99. DRLD 7 7/8" HOLE TO 4785'. RAN 116 JTS 5 1/2" 17# CSG TO 4784', CMTD 1ST STAGE W/ 250 SX MOD H, PLUG DOWN @ 7:30 A.M. 7/6/99, CIRC 20 SX TO SURF, CMTD 2ND STAGE W/1000 SX HALL LITE & 200 SX MOD SUPER H, PLUG DOWN @ 2:30 P.M. 7/6/99, CIRC TRACE TO SURF. WOC 18 HRS, TSTD CSG TO 1500# FOR 30 MIN - HELD OK. DV TOOL @ 3308'.

RECEIVED  
OCC - ARTESIA  
JUL 13 1999



14. I hereby certify that the foregoing is true and correct

Signed

*David R. Glass*

Title PRODUCTION ANALYST

Date 07/12/99

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

RECEIVED

JUL 13 '88

BLM  
ROSWELL, NM