

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

<p>1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____</p> <p>b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____</p> <p>2. NAME OF OPERATOR MARBOB ENERGY CORPORATION</p> <p>3. ADDRESS AND TELEPHONE NO. P.O. BOX 227, ARTESIA, NM 88210 505-748-3303</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330 FNL 1650 FEL At top prod. Interval reported below SAME At total depth SAME</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. NM-0558581</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME, WELL NO. LOCO FEDERAL #4</p> <p>9. API WELL NO. 30-015-30147</p> <p>10. FIELD AND POOL, OR WILDCAT LOCO HILLS PADDOCK</p> <p>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 21-T17S-R30E</p>
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14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH EDDY	13. STATE NM
15. DATE SPUDDED 11/03/99	16. DATE T.D. REACHED 11/15/99	17. DATE COMPL. (Ready to prod.) 12/08/99	18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3667'
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 4927'		
21. PLUG, BACK T.D., MD & TVD 4889'		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 4383-4729' PADDOCK		ROTARY TOOLS 0-4927'	CABLE TOOLS
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, CSNG			25. WAS DIRECTIONAL SURVEY MADE No
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", J-55	24#	450'	12 1/4"	400 SX	
5 1/2", J-55	17#	4901'	7 7/8"	1650 SX	10 YDS READY MIX TO SURF CIRC 230 SX

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	4339'	

31. PERFORATION RECORD (Interval, size and number) 4383-4729' 20 SHOTS	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	4383-4729'	ACD W/2000 GALS 15% NEFE ACID

33. * PRODUCTION

DATE FIRST PRODUCTION 12/11/99	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMPING				WELL STATUS (Producing or shut-in) PROD	
DATE OF TEST 12/13/99	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL—BBL. 45	GAS—MCF. 44	WATER—BBL. 322
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
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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 Cochrum TITLE PRODUCTION ANALYST DATE 12/15/99

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
YATES	1227'				
QUEEN	2118'				
SAN ANDRES	2842'				
GLORIETTA	4290'				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 15 1999

OPERATOR'S COPY

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

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)

330 FNL 1650 FEL, SEC. 21-T71S-R30E UNIT B

5. Lease Designation and Serial No.
NM-0558581

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

LOCO FEDERAL #4

9. API Well No.

30-015-30147

10. Field and Pool, or Exploratory Area

LOCO HILLS PADDOCK

11. County or Parish, State

EDDY CO., 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

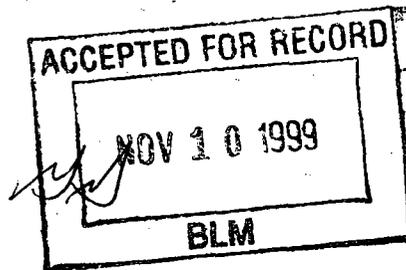
TYPE OF ACTION

- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other SPUD, 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.)*

SPUD WELL @ 2:00 P.M. 11/3/99. DRILD 17 1/2" HOLE TO 450', RAN 10 JTS 13 3/8" J-55 48# CSG TO 450', CMTD W/400 SX PREM PLUS, PLUG DOWN 8:00 A.M. 11/4/99, 10 YDS READY MIX TO SURF. WOC 18 HRS, TSTD CSG TO 1000# FOR 20 MINUTES - HELD OK.



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

Signed Robin Cockburn

Title PRODUCTION ANALYST

Date 11/05/99

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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.

MARBOB ENERGY CORPORATION
LOCO FEDERAL #4
330 FNL 1650 FEL, SEC. 21-T17S-R30E
30-015-30147

<u>Working Interest Owner</u>	<u>Percentage Interests</u>
Marbob Energy Corporation P.O. Box 227 Artesia, NM 88210	25.00%
Pitch Energy Corporation P.O. Box 304 Artesia, NM 88210	25.00%
Atlantic Richfield Co. P.O. Box 1610 Midland, TX 79702-1610	50.00%
	<hr/> 100.00%