

NOV 15 1999

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR **OPERATOR'S COPY**
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
LC-060527

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
RED FEDERAL #4

9. API Well No.
30-015-30698

10. Field and Pool, or Exploratory Area
LOCO HILLS PADDOCK

11. County or Parish, State
EDDY CO., NM

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2310 FSL 1575 FEL, SEC. 17-T17S-R30E UNIT J

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>SPUD, CMT CSG</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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 @ 10:30 P.M. 11/2/99. DRLD 12 1/4" HOLE TO 430', RAN 10 JTS 8 5/8" J-55 24# CSG TO 424', CMTD W/300 SX PREM PLUS, PLUG DOWN @ 12:30 P.M. 11/3/99, DUMP 8 YDS READY MIX TO BRING CMT TO CELLAR. WOC 18 HRS, TSTD CSG TO 1000# FOR 20 MINUTES - HELD OK.

ACCEPTED FOR RECORD
PETER W. CHESTER
Peter W. Chester
NOV 12 1999
BUREAU OF LAND MANAGEMENT
ROSWELL RESOURCE AREA

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

Signed Robin Cockrum

Title PRODUCTION ANALYST

Date 11/04/99

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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.

*See Instruction on Reverse Side

**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*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC-060527
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 _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR MARBOB ENERGY CORPORATION		7. UNIT AGREEMENT NAME
3. ADDRESS AND TELEPHONE NO. P.O. BOX 227, ARTESIA, NM 88210 505-748-3303		8. FARM OR LEASE NAME, WELL NO. RED FEDERAL #4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310 FSL 1575 FEL At top prod. interval reported below SAME At total depth SAME		9. API WELL NO. 30-015-30698
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT LOCO HILLS PADDOCK
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 17-T17S-R30E
		12. COUNTY OR PARISH EDDY
		13. STATE NM

15. DATE SPURRED 11/02/99	16. DATE T.D. REACHED 11/11/99	17. DATE COMPL. (Ready to prod.) 12/03/99	18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3672' GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 4765'	21. PLUG, BACK T.D., MD & TVD 4753'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-4765'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 4293-4584' PADDOCK				25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, CSNG				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#	424'	12 1/4"	300 SX	
5 1/2", J-55	17#	4765'	7 7/8"	1300 SX	8 YDS READY MIX TO SURF CIRC 320 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"	4239'	

31. PERFORATION RECORD (Interval, size and number) 4293-4584' 20 SHOTS	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	4293-4584'	ACD W/3000 GALS 15% NEFE ACID

33. PRODUCTION

DATE FIRST PRODUCTION 12/06/99	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMPING	WELL STATUS (Producing or shut-in) PROD
DATE OF TEST 12/08/99	HOURS TESTED 24	CHOKE SIZE
PROD'N FOR TEST PERIOD →	OIL—BBL. 47	GAS—MCF. 37
WATER—BBL. 647	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
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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 Cochran 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 QUEEN SAN ANDRES GLORIETTA	1180' 2053' 2746' 4183'				

MARBOB ENERGY CORPORATION
RED FEDERAL #4
2310 FSL 1575 FEL, SEC. 17-T17S-R30E
30-015-30698

<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%