



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

Type of Well  
 Oil Well    Gas Well    Other

Name of Operator  
**MARBOB ENERGY CORPORATION**

a. Address  
**P.O. BOX 227, ARTESIA, NM 88210**

3b. Phone No. (include area code)  
**505-748-3303**

Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2310 FSL 2310 FWL, SEC. 17-T17S-R30E UNIT K**

5. Lease Serial No.  
**LC-86025**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**BIRDIE FEDERAL #4**

9. API Well No.  
**30-015-30235**

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <u>SPUD, CMT CSG</u>

Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SPUD WELL @ 2:15 P.M. 6/2/99. DRLD 12 1/4" HOLE TO 436', RAN 10 JTS 8 5/8" J-55' 24# CSG TO 416', CMTD W/400 SX PREM PLUS, PLUG DOWN @ 12:50 A.M. 6/3/99, CIRC 85 SX TO SURF. WOC 18 HRS, TSTD CSG TO 600# FOR 20 MINUTES - HELD OK.

*Copy to MCO KC*

I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**ROBIN COCKRUM**

Signature  
*Robin Cockrum*

Title

**PRODUCTION ANALYST**

Date

**6/4/99**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

**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

5. LEASE DESIGNATION AND SERIAL NO.  
**LC-86025**

**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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
**MARBOB ENERGY CORPORATION**

8. FARM OR LEASE NAME, WELL NO.  
**BIRDIE FEDERAL #4**

3. ADDRESS AND TELEPHONE NO.  
**P.O. BOX 227, ARTESIA, NM 88210 505-748-3303**

9. API WELL NO.  
**30-015-30235**

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**

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**SEC. 17-T17S-R30E**

14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH 13. STATE  
**EDDY NM**

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (OF, RKB, RT, GE, ETC.)\* 19. ELEV. CASINGHEAD  
**06/02/99 06/14/99 07/09/99 3658' GR**

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS  
**4735' 4719' 0-4735'**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE  
**4270-4578' PADDOCK No**

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED  
**DLL, MCG 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#	416'	12 1/4"	400 SX	CIRC 85 SX
5 1/2"	17#	4732'	7 7/8"	1150 SX	CIRC 165 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"	4221'	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4270-4578'	ACD W/2000 GALS 15% NEFE ACID

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
07/11/99	PUMPING	PROD					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
07/12/99	24			19	31	890	
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.) TEST WITNESSED BY  
**SOLD 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 Cochran* TITLE PRODUCTION ANALYST DATE 07/13/99

\*(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.
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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	1162'
QUEEN	2036'
SAN ANDRES	2730'
GLORIETTA	4160'

MARBOB ENERGY CORPORATION  
BIRDIE FEDERAL #4  
2310 FSL 2310 FWL, SEC. 17-T17S-R30E  
30-015-30235

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<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 Company P.O. Box 1610 Midland, TX 79710-1610	50.00%
	<hr/> 100%