

**District I** - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
**District II** - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
**District III** - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
**District IV** - (505) 827-7131

**New Mexico**  
**Energy Minerals and Natural Resources Department**  
**Oil Conservation Division**  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

**SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE**

RECEIVED  
AUG 26 1999  
U.S. FISH AND WILDLIFE  
CONSERVATION DIVISION

# APPLICATION FOR NEW WELL STATUS

## I. Operator and Well

Operator name & address MARBOB ENERGY CORPORATION P.O. BOX 227 ARTESIA, NM 88210							OGRID Number  14049	
Contact Party ROBIN COCKRUM							Phone 505-748-3303	
Property Name BARNSDALL FEDERAL					Well Number 13		API Number 30-015-30209	
UL K	Section 27	Township 17S	Range 29E	Feet From The 2310	North/South Line SOUTH	Feet From The 2310	East/West Line WEST	County EDDY

## II. Date/Time Information

Spud Date 6/23/99	Spud Time 3:00 P.M.	Date Completed 8/19/99	Pool EAST EMPIRE YESO
----------------------	------------------------	---------------------------	--------------------------

III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. **Attach a list of all working interest owners with their percentage interests.**

**V. AFFIDAVIT:**

State of NEW MEXICO )  
County of EDDY ) ss.

ROBIN COCKRUM being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature Robin Cookman Title PRODUCTION ANALYST Date 8/24/99

SUBSCRIBED AND SWORN TO before me this 24<sup>th</sup> day of August, 1999


Misti Mchura  
Notary Public

My Commission expires: 3-19-03

**FOR OIL CONSERVATION DIVISION USE ONLY:**

## VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature 	Title P.E. Spec.	Date Oct 1 1999
--	---------------------	--------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 10/1/99

**NOTICE: The operator must notify all working interest owners of this New Well certification.**

PVZV2006432900

JUL 02 1999

Form 3160-5  
(June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Bureau No. 1004-0135  
Expires: March 31, 1993

OPERATOR'S COPY

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

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

BARNSDALL FEDERAL #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

**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

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

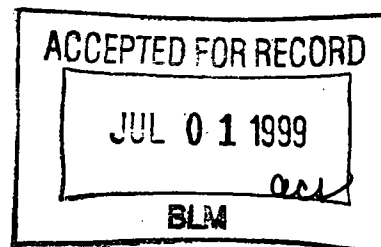
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-Off
- ☐ Conversion to Injection
- ☐ Dispose Water

(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 @ 3:00 P.M. 6/23/99. DRLD 12 1/4" HOLE TO 439', RAN 10 JTS 8 5/8" J-55 24 # CSG TO 431', CMTD W/400 SX PREM PLUS, PLUG DOWN @ 12:30 P.M. 6/24/99, DID NOT CIRC. BUT FULL RETURN, ORDER 260' OF 1" PVC PIPE & 300 SX OF PP CMT, 4:40 A.M. 6/24/99 RIH W/1" PIPE, TAG @ 35', POOH LD 1" PIPE, ORDER 10 YARDS OF 3/8" GRAVEL, DUMP 2 1/2 YARDS DOWN BACKSIDE TO FILL HOLE & PUMP 35 SX OF PP 3% CACL2 TO TOP OUT

BLM REP - GENE HUNT



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

Signed Robin CackrunTitle PRODUCTION ANALYSTDate 06/28/99

(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\***

<b>1a. TYPE OF WELL:</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ <b>b. TYPE OF COMPLETION:</b> 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 _____						<b>5. LEASE DESIGNATION AND SERIAL NO.</b> LC-028775B																																					
<b>2. NAME OF OPERATOR</b> MARBOB ENERGY CORPORATION						<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  																																					
<b>3. ADDRESS AND TELEPHONE NO.</b> P.O. BOX 227, ARTESIA, NM 88210 505-748-3303						<b>7. UNIT AGREEMENT NAME</b>  																																					
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*</b> At surface 2310 FSL 2310 FWL At top prod. interval reported below SAME At total depth SAME						<b>8. FARM OR LEASE NAME, WELL NO.</b> BARNSDALL FED #13																																					
<b>14. PERMIT NO.</b> _____ <b>DATE ISSUED</b> _____						<b>9. API WELL NO.</b> 30-015-30209																																					
<b>15. DATE SPURRED</b> 06/23/99 <b>16. DATE T.D. REACHED</b> 07/05/99 <b>17. DATE COMPL. (Ready to prod.)</b> 08/19/99						<b>10. FIELD AND POOL, OR WILDCAT</b> EAST EMPIRE YESO																																					
<b>18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*</b> 3530' GR						<b>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA</b> SEC. 27-T17S-R29E																																					
<b>20. TOTAL DEPTH, MD &amp; TVD</b> 4785' <b>21. PLUG, BACK T.D., MD &amp; TVD</b> 4771' <b>22. IF MULTIPLE COMPL., HOW MANY*</b> _____						<b>12. COUNTY OR PARISH</b> EDDY <b>13. STATE</b> NM																																					
<b>23. INTERVALS DRILLED BY</b> _____ <b>ROTARY TOOLS</b> 0-4785' <b>CABLE TOOLS</b> _____						<b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*</b> 4262-4596' YESO																																					
<b>25. WAS DIRECTIONAL SURVEY MADE</b> No						<b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b> CSNG, SDL																																					
<b>27. WAS WELL CORED</b> No						<b>28. CASING RECORD (Report all strings set in well)</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE/GRADE</th> <th>WEIGHT, LB./FT.</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>TOP OF CEMENT, CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>8 5/8", J-55</td> <td>24#</td> <td>431'</td> <td>12 1/4"</td> <td>400 SX</td> <td>2 1/2 YDS</td> </tr> <tr> <td>5 1/2", J-55</td> <td>17#</td> <td>4783'</td> <td>7 7/8"</td> <td>1450 SX</td> <td>CIRC 20 SX</td> </tr> </tbody> </table>		CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED	8 5/8", J-55	24#	431'	12 1/4"	400 SX	2 1/2 YDS	5 1/2", J-55	17#	4783'	7 7/8"	1450 SX	CIRC 20 SX																		
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED																																						
8 5/8", J-55	24#	431'	12 1/4"	400 SX	2 1/2 YDS																																						
5 1/2", J-55	17#	4783'	7 7/8"	1450 SX	CIRC 20 SX																																						
<b>29. LINER RECORD</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>TOP (MD)</th> <th>BOTTOM (MD)</th> <th>SACKS CEMENT*</th> <th>SCREEN (MD)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)						<b>30. TUBING RECORD</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>DEPTH SET (MD)</th> <th>PACKER SET (MD)</th> </tr> </thead> <tbody> <tr> <td>2 3/8"</td> <td>4210'</td> <td></td> </tr> </tbody> </table>		SIZE	DEPTH SET (MD)	PACKER SET (MD)	2 3/8"	4210'																					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																																							
SIZE	DEPTH SET (MD)	PACKER SET (MD)																																									
2 3/8"	4210'																																										
<b>31. PERFORATION RECORD (Interval, size and number)</b> 4262-4596' 18 SHOTS						<b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>4262-4596'</td> <td>ACD W/2000 GALS 15% NEFE ACID</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	4262-4596'	ACD W/2000 GALS 15% NEFE ACID																																
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																																										
4262-4596'	ACD W/2000 GALS 15% NEFE ACID																																										
<b>33. PRODUCTION</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">DATE FIRST PRODUCTION</th> <th colspan="2">PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th> <th colspan="2">WELL STATUS (Producing or shut-in)</th> </tr> </thead> <tbody> <tr> <td colspan="2">08/22/99</td> <td colspan="2">PUMPING</td> <td colspan="2">PROD</td> </tr> <tr> <th>DATE OF TEST</th> <th>HOURS TESTED</th> <th>CHOKE SIZE</th> <th>PROD'N FOR TEST PERIOD</th> <th>OIL—BBL.</th> <th>GAS—MCF.</th> </tr> <tr> <td>08/23/99</td> <td>24</td> <td></td> <td></td> <td>62</td> <td>83</td> </tr> <tr> <th>FLOW. TUBING PRESS.</th> <th>CASING PRESSURE</th> <th>CALCULATED 24-HOUR RATE</th> <th>OIL—BBL.</th> <th>GAS—MCF.</th> <th>WATER—BBL.</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)		08/22/99		PUMPING		PROD		DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	08/23/99	24			62	83	FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.							<b>34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)</b> SOLD	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)																																							
08/22/99		PUMPING		PROD																																							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.																																						
08/23/99	24			62	83																																						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.																																						
<b>35. LIST OF ATTACHMENTS</b> LOGS, DEVIATION SURVEY						<b>TEST WITNESSED BY</b> OWEN PUCKETT																																					
<b>36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</b> SIGNED <u>Robin Cockerum</u> 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.

[illegible]

U.S. GOVERNMENT PRINTING OFFICE: 1992 -- 774-672

MARBOB ENERGY CORPORATION  
BARNSDALL FEDERAL #13  
2310 FSL 2310 FWL, SEC. 27-T17S-R29E  
30-015-30209

---

<u>Working Interest Owner</u>	<u>Percentage Interests</u>
Marbob Energy Corporation P.O. Box 227 Artesia, NM 88210	21.00%
Pitch Energy Corporation P.O. Box 304 Artesia, NM 88210	29.00%
Arco Permian P.O. Box 1610 Midland, TX 79702	50.00%
	<hr/>
	100.00%