

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Oil Cons.

N.M. DIV-Dist. 2

1301 W. Grand Avenue

Artesia, NM 88210

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000**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**

## 1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other Plug & Abandon

## 2. Name of Operator

Marbob Energy Company

## 3a. Address P. O. Box 227

Artesia, NM 88211-0227

## 3b. Phone No. (include area code)

505-748-3383

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2615' FSL & 3985' FEL of Section 18-T17S-R30E  
Unit L, NWSW

## 5. Lease Serial No.

LC-028784B

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

Burch Keely Unit #22

## 9. API Well No.

30-015-21658

## 10. Field and Pool, or Exploratory Area

GB Jackson-SR-Q-GB-SA

## 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"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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	

## 13. 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 recompleat 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 recompleat 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.)

11-5-2003 - Moved in and rigged up pulling unit and plugging equipment. Unhung well. Rigged up rod equipment. POOH with 54 3/4" rods. Shut well in for night.

11-6-2003 - Finished POOH with 73 3/4" rods and pump. Rigged down rod equipment. Nipped down wellhead and nipped up BOP. Rigged up floor and 2-3/8" tubing equipment. POOH with 2-3/8" tubing. Rigged up wireline. RIH with CIBP and set CIBP at 2390'. POOH and rigged down wireline. RIH with tubing and tagged CIBP. Shut well in for night.

11-7-2003 - Circulated hole with plugging mud. Spotted 25 sacks Class C Neat cement on top of CIBP at 2390'. Pulled up hole to 1660'. Spotted 25 sacks Class C Neat cement. POOH with 52 joints. Shut well in for night. WOC.

11-8-10-2003 - RIH with tubing and tagged plug at 1403'. POOH with tubing. Rigged up wireline. RIH and perforated 5-1/2" casing at 1000'. POOH and rigged down wireline. RIH with packer and tubing to 697'. Squeezed with 60 sacks Class C Neat cement. Shut well in for night. WOC.

CONTINUED ON NEXT PAGE:

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

Name (Printed/Typed)

Rusty Klein

Title Agent

Signature

Date December 10, 2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by

(ORIG. SGD.) ALEXIS C. SODA

PETROLEUM ENGINEER DEC 23 2003

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

Approved as to plugging of the well bore.  
Liability under bond is retained until  
surface restoration is completed.

MARBOB ENERGY COMPANY  
Burch Keely Unit #22  
Section 18-T17S-R30E  
Eddy County, New Mexico

SUNDRY NOTICE CONTINUED:

11-11-2003 - RIH and tagged plug at 765'. POOH with packer and tubing. Rigged up wireline. RIH and perforated 5-1/2" casing at 520'. POOH and rigged down wireline. RIH with packer to 287'. Squeezed with 50 sacks Class C Neat cement. POOH with packer. WOC 4 hours. RIH with tubing and tagged plug at 367'. POOH with tubing. Started flowing on 8-5/8" casing. Shut well in for night. WOC.

11-12-2003 - Flowing out of surface. Rigged up wireline. RIH and tagged cement at 3000'. POOH and rigged down wireline. Tested 5-1/2" casing from 5' to 300' to 500 psi, held okay. POOH with packer. Rigged up wireline. RIH and perforated 5-1/2" casing at 296'. POOH and rigged down wireline. RIH with packer and tubing and set packer at 5'. Circulated 65 sacks Class C Neat cement. Displaced to 150'. WOC 4 hours. After 2 hours, surface started flowing. Cement coming up out of cellar and pumping unit. Opened up tubing. 8-5/8" casing went on vacuum. Flowed thru tubing for 30 minutes. Closed tubing. After 6 minutes, started coming out of surface. Shut well in for night.

11-13-2003 - RIH with tubing and tagged plug at 300'. POOH with tubing. RIH with packer and tubing and set packer at 297'. Pumped down tubing. Circulating out 8-5/8" casing. POOH with packer. Shut well in for night.

11-14-2003 - Rigged up reverse unit. RIH with bit and collars. Drilled out cement from 300' to 450'. Went down to plug at 765'. Cleaned up hole. POOH with bit and collars. RIH with packer and tubing and tested plug to 1000 psi. Lost 300# in 3 minutes. Took another 15 minutes to lose another 300#. POOH with packer. Shut well in for night.

11-15-17-2003 - RIH with bit and collars and drilled out plug from 765' to 1000'. Went down to 1403'. Circulated clean. POOH with bit and collars. RIH with packer and tubing and tested plug at 1403'. Pulled up hole to 700'. Shut well in for night.

11-18-2003 - Rigged up Halliburton. Established rate. Pumped 10 bbls 16% CaCl water, 2 bbls H2O spacer, 6 bbls flocheck, 2 bbls H2O spacer, 14 bbls lead, 10# calseal, 2% CaCl, 3% Super CB with 50 sacks cement, H2O spacer, 6 bbls flocheck, 2 bbls H2O spacer, 14 bbls lead pt, 10# Calseal, 2% CaCl2, 3% Super CBL and 50 sacks cement, 14 bbls tail, 10# calseal, 2% CaCl2 with 50 sacks cement. Displaced with 5 bbls fresh water. Waited 15 minutes. Displaced 1/2 bbl fresh water. Shut well in with 300 psi. Rigged down Halliburton. Shut well in for night.

11-19-2003 - Rigged up pump. Had flow on casing. Tubing dead. Pressured up to 1200 psi. Lost 300 psi in 15 minutes. Pressured up to 1520 psi. Lost 500 psi in 15 minutes. Rigged down pump. Rigged up wireline. RIH with weight bar and tagged cement at 685'. POOH and rigged down wireline. Packer stuck. Worked tubing. Moved up hole 20'. Working tubing from 0 to 70000. BOP would not close back. Put 2-3/8" rams in bottom. Shut well in for night.

11-20-2003 - Worked tubing from 0 to 70000. Called Rotary Wireline. Worked tubing. Rigged up Rotary Wireline. Free point tubing. Shows free at 580'. POOH with free point tools. RIH with jet cutter and cut tubing at 571'. POOH with wireline. Could not pull. RIH with chemical cutter and cut tubing at 572'. Could not pull. Cut with chemical cutter at 573'. POOH with wireline - could not pull. Freepointed tubing - shows last cut good. POOH with tools. Tried to back off tubing at 570'. Could not. Tried to back off at 538' - could not. Rigged up freepoint. Checked torque - shows at 515'. Tried to back off at 505 - could not. POOH and rigged down wireline. Shut well in for night.

MARBOB ENERGY COMPANY  
Burch Keely Unit #22  
Section 18-T17S-R30E  
Eddy County, New Mexico

SUNDRY NOTICE CONTINUED:

11-21-2003 - Rigged up Rotary Wireline. Freepoint tubing. POOH with wireline. Cut tubing at 501'. POOH with wireline. Worked tubing - could not pull. Run freepoint tool. Found that tubing did not cut. Tubing stuck at 465'. POOH with wireline. RIH with chemical cutter and cut at 465'. POOH with wireline. Pulled tubing free. Rigged down wireline. POOH with tubing. Rigged down floor. Changed out BOP. Rigged up floor. Rigged up pump and pumped down 8-5/8" casing. Holes close to surface to bad to do so pumped down 5-1/2" casing. Could increase flow. Met with Halliburton. Shut well in for night.

11-22-24-2003 - RIH with packer and tubing to 414'. Tried to get injection rate - 1/4 BPM at 2200 psi. Dug out cellar. Found hole in 8-5/8" casing 8' down. POOH with packer. Put clamp on casing. Rigged up Halliburton - clamp leaked. Pulled off clamp and cleaned casing. Put extra rubber with clamp. Still leaked. Pumped 88 sacks cement down 5-1/2" casing and displaced with 8 bbls (which is 1 bbl past perforations). Flow was stopped on 8-5/8" casing. Shut well in for night.

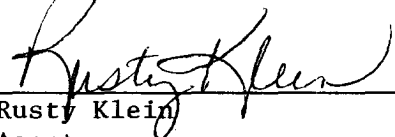
11-25-2003 - Opened up well - 8-5/8" casing dead. Had slight blow on 5-1/2" casing then dead. RIH with tubing and tagged cement at 285'. POOH with tubing. Waiting on reverse unit. RIH with 4-3/4" bit, collars and tubing and drilled cement to 355'. Circulated clean. Shut well in for night.

11-26-2003 - Drilled cement to top of tubing at 465'. Circulated clean. POOH with bit. RIH with mill and washpipe. Milled to 469'. Circulated clean. Getting cement, metal and some flocheck back. Pulled up hole 30'. Shut well in for night.

11-27-2003 - drilled from 469' to 499' and washpipe plugged up. POOH. Recovered 20' of tubing. Shut well in for holidays.

12-2-2003 - Called BLM and got approval from Jim to squeeze at 500'. Laid down drill collars and washpipe. RIH with packer and tubing and set packer at 472'. Had hole above packer. POOH and reset packer at 440'. Established pump in rate of 2-1/2 BPM at 200 psi - no flow out 5-1/2" casing. POOH with packer. RIH with cement retainer and set retainer at 440'. Mixed and pumped 500 gallons Super flush, 212 sacks cement with 3% CaCl<sub>2</sub>, 12# calseal, 3% CBL and 100 sacks Class C with 2% CaCl<sub>2</sub>. Flushed with 1 bbl water. Sting out of retainer and POOH. Shut well in for night.

12-3-2003 - Opened up well - no flow. Rigged up wireline. RIH and tagged plug at 416'. POOH with wireline. RIH and perforate 5-1/2" casing with 4 shots at 414'. POOH with wireline and rigged down wireline. RIH with packer and tubing to 320'. Pressured up to 1650 psi. Held for 15 minutes. Lost about 50 psi. POOH with packer. Nippled down BOP. RIH open ended to 416'. Circulated 50 sacks Class C Neat cement from 416' to surface. POOH with tubing. Rigged down tubing equipment and floor. Rigged down pulling unit and plugging equipment. Installed regulation abandonment marker. PLUGGED AND ABANDONED - FINAL REPORT. Plugging completed December 2, 2003.

  
Rusty Klein  
Agent  
December 10, 2003