

UNITED STATES Oil Cons.
DEPARTMENT OF THE INTERIOR N.M. Div-Dist. 2
BUREAU OF LAND MANAGEMENT 1301 W. Grand Avenue
SUNDRIY NOTICES AND REPORTS ON WELLS NM 88210
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other			5. Lease Serial No. NMLC029548A
2. Name of Operator MARBOB ENERGY CORPORATION			6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 227, ARTESIA, NM 88211-0227	3b. Phone No. (include Area Code) (505) 748-3303		7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1385 FSL 1510 FWL, SEC. 18-T17S-R31E, UNIT C			8. Well Name and No. COFFEE FEDERAL #1 (TK BTTY)
			9. API Well No. 30-015-31175
			10. Field and Pool, or Exploratory Area CEDAR LAKE; YESO
			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 checked="" type="checkbox"/> Other <u>H2S RADII OF EXPOSURE</u>
	<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	

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.)

PER YOUR REQUEST, ENCLOSED PLEASE FIND AN H2S RADII OF EXPOSURE ON THE ABOVE REFERENCED WELL (TANK BATTERY).

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) DIANA J. CANNON		Title PRODUCTION ANALYST
Signature 		Date JANUARY 21, 2003

ACCEPTED FOR RECORD THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (ORIG. SGD.) DAVID R. GLASS	Title	Date
Conditions of approval, if any, and 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	

CALCULATION OF 100 AND 500 PPM H2S RADIUS OF EXPOSURE				
PASQUILL-GIFFORD EQUATION				
100 PPM ROE = (1.589 X H2S CONCENTRATION X ESCAPE RATE) ^ 0.6258				
500 PPM ROE = (0.4546 X H2S CONCENTRATION X ESCAPE RATE) ^ 0.6258				
H2S CONCENTRATION = MOLE FRACTION IE: 1000 PPM = 1000/1000000 MOLE FRACTION				
ESCAPE RATE = SCF/DAY				
ROE = FEET				
Well Name	Escape Rate (mcf/d)	H2S Conc. (ppm)	100 ppm ROE (feet)	500 ppm ROE (feet)
Coffee + Tony Fed Btty	1350	800	106	48

