

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 0128349342E
2. Name of Operator MARBOB ENERGY CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 227, ARTESIA, NM 88210	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) 1650 FNL 1650 FEL, SEC. 20-T17S-R30E UNIT G		8. Well Name and No. THUNDER ROAD FEDERAL #2
		9. API Well No. 30-015-29911
		10. Field and Pool, or Exploratory Area LOCO HILLS PADDOCK
		11. County or Parish, State EDDY CO., NM

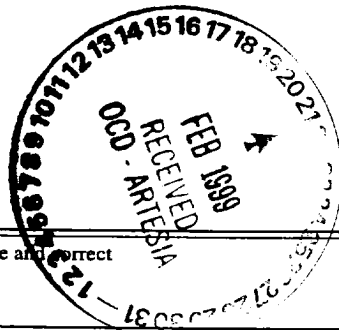
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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"/> Water Shut-Off
<input 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>RECORD OF</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>WTR DISPOSAL</u>
	<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.)

WATER ON THE ABOVE WELL IS PIPELIND TO MARBOB'S SABER FEDERAL #1 IN B-11-17S-29E. IF ANY PROBLEMS ARISE WITH THIS PIPELINE, THE WATER WILL BE TRUCKED OFF LEASE. SEE WATER ANALYSIS ATTACHED.

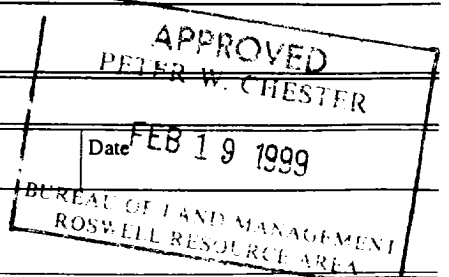
NMOCD PERMIT NUMBER FOR THE SABER SWD IS SWD-577



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) ROBIN COCKRUM	Title PRODUCTION ANALYST
Signature <i>Robin Cockrum</i>	Date 1/15/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title
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, 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.

UNICHEM

A Division of BJ Services Company

Lab Test No : 22961

Marbob

Sample Date : 1/18/99

Water Analysis

Listed below please find water analysis report from : Thunder Road

Fed. 1-#2

Specific Gravity : 1.148
 Total Dissolved Solids : 207528
 pH :
 Conductivity (µmhos):
 Ionic Strength : 3.681

Cations:		mg/l
Calcium	(Ca++):	2541
Magnesium	(Mg++):	529
Sodium	(Na+):	77658
Iron	(Fe++):	1.70
Dissolved Iron	(Fe++):	
Barium	(Ba++):	0.07
Strontium	(Sr):	62
Manganese	(Mn++):	0.39
Resistivity :		

Anions:		
Bicarbonate	(HCO3-):	
Carbonate	(CO3--):	
Hydroxide	(OH-):	0
Sulfate	(SO4--):	3800
Chloride	(Cl-):	123000

Gases:		ppm	
Carbon Dioxide	(CO2):		Oxygen (O2):
Hydrogen Sulfide	(H2S):		

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature	CaCO3 SI	CaSO4 SI
86F	30.0C	
104F	40.0C	
122F	50.0C	
140F	60.0C	
168F	70.0C	
176F	80.0C	

Comments :

cc: Bill Polk
 Jay Brown