

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  
 Oil Well  Gas Well  Other

2. Name of Operator  
 MURCHISON OIL & GAS, INC.

3a. Address 1445 ROSS AVE, LB-152  
 DALLAS, TX. 75202

3b. Phone No. (include area code)  
 (214) 953-1414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1650' FNL & 1650' FEL SECTION 22, T17S, R27E

5. Lease Serial No.  
 USA NM-025527-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
 MARALO FED #2

9. API Well No.  
 30-015-30532

10. Field and Pool, or Exploratory Area  
 LOGAN DRAW MORROW

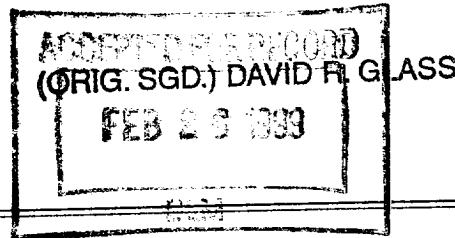
11. County or Parish, State  
 EDDY CO., NM

**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 checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" 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>PERFORATE</u>

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 recomplate 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.)

RAN CEMENT BOND LOG. PBD @ 9544' & TOP OF CEMENT @ 5970'. PRESSURE TEST CSG TO 5600 PSI HELD OK. PERFORATE 9372' TO 9402 w/ 4 SHOTS/FT. ACIDIZE w/ 2500 GAL 7.5% MS ACID w/ 36% METHANOL & 120 BALL SEALERS. MAX PRESS 4400 PSI AVG 5 BPM. ISIP 5000 PSI SWAB WELL DOWN. FRAC WELL w/ 158000 GAL CO<sub>2</sub> FOAM w/ 50000# SAND @ 30 BPM & 5450 PSI. FLOW WELL BACK. CAOF 3385 MCFD 72 HR BHP 3648 PSI.



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

Name (Printed/Typed) MICHAEL S. DAUGHERTY

Signature *Michael S. Daugherty*

Title V.P. OPERATIONS

Date 2/16/99

**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 \_\_\_\_\_

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.