

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834

FORM APPROVED  
Bureau of Land Management  
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

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

3a. Address 1100 MIRA VISTA BLVD.  
PLANO, TX. 75093-4698

3b. Phone No. (include area code)  
(972) 931-0700

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

1700' FSL & 1140' FWL NWSW (L)

20-17S-27E

5. Lease Serial No.  
NM 12690

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
SRM 1416

8. Well Name and No.  
LOGAN DRAW "20" FEDERAL #1

9. API Well No.  
30-015-31296

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

11. County or Parish, State  
EDDY

**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>RUN</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>PRODUCTION CASING</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>&amp; CEMENT</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 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.)

Drilled 7-7/8" hole to a total depth of 9190'. Ran open hole logs. Pick up and ran 237 joints of 5-1/2" casing as follows: (Bottom) 114 joints of 5-1/2" 17 #/FT L-80 LT&C, 104 joints of 5-1/2" 17 #/FT K-55 LT&C, and 19 joints of 5-1/2" 17 #/FT N-80 LT&C casing. Cemented with 1000 SXS Pecos Valley Lite + 1 #/SX Salt + .2% D-65 + .2% D-167 + .2% D-13. Bump plug and floats held. Set slips and cut off casing. Top of cement @ 5250' Temp survey. Release rig at 20:00 Hrs. 11/20/00. Waiting on Completion Unit.

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

Name (Printed/Typed) MICHAEL S. DAUGHERTY

Title VICE PRESIDENT OPERATIONS

Signature

*Michael S. Daugherty*

Date 12/6/00

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

ACCEPTED FOR RECORD

JAN 04 2001

BLM

BUREAU OF LAND MANAGEMENT  
HOSWELL OFFICE

2600 DEC 11 A 8:56

RECEIVED