

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.*5. Lease Serial No.  
NMNM107384

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**8. Well Name and No.  
ROCK RIDGE FEDERAL WCB 1H9. API Well No.  
30-015-45728-00-X110. Field and Pool or Exploratory Area  
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State  
EDDY COUNTY, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
MURCHISON OIL & GAS INCContact: CINDY COTTRELL  
E-Mail: ccottrell@jdmil.com3a. Address  
LEGACY TOWER ONE 7250 DALLAS PKY, STE 1400  
PLANO, TX 750243b. Phone No. (include area code)  
Ph: 972.931.0700

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

Sec 30 T24S R29E NENE 310FNL 300FEL  
32.194916 N Lat, 104.016159 W Lon

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other  
Change to Original A  
PD

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 recompleting 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Murchison Oil and Gas respectfully requests permission to change the percent excess of cement on the intermediate 1st stage 3000 ft. to 9500 ft. from 80% excess to 30% excess.

Cementing operations were recently finished on the Rock Ridge Federal WCB 2H (30-015-45729) intermediate section which is at 9000 ft. We determined that there is only 17.956% washout on the 1st stage of intermediate cementing.

Percent washout was calculated by using amount of cement pumped minus cement to surface divided by annulus capacity. We believe that 30% excess is sufficient on the first stage due to the analysis above.

The new cement program for first stage intermediate would be as follows:

Lead 870 sxs, yield 2.83, density 11.5

Tail 175 sxs, yield 1.18, density 15.6

**Carlsbad Field Office**  
**OCD Artesia****NM OIL CONSERVATION**

ARTESIA DISTRICT

AUG 21 2019

**RECEIVED**

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

Electronic Submission #462597 verified by the BLM Well Information System

For MURCHISON OIL &amp; GAS INC, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 04/24/2019 (19PP1788SE)

Name (Printed/Typed) LUKE PUMPHREY

Title OPERATIONS ENGINEER

Signature (Electronic Submission)

Date 04/23/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By LONG VO

Title PETROLEUM ENGINEER

Date 04/26/2019

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 Carlsbad

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

RWP 10-29-19