

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS **Carlsbad Field Office**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals. **OCD Artesia**

5. Lease Serial No. NM107384
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
ROCK RIDGE FEDERAL BSS 7H

2. Name of Operator MURCHISON OIL & GAS LLC Contact: CINDY COTTRELL
E-Mail: ccottrell@jdmil.com

9. API Well No.
30-015-45731-00-X1

3a. Address LEGACY TOWER ONE 7250 DALLAS PKY, STE 1400
PLANO, TX 75024-5002 3b. Phone No. (include area code)
Ph: 972.931.0700

10. Field and Pool or Exploratory Area
WILLOW LAKE-BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 30 T24S R29E NENE 785FNL 250FEL
32.193611 N Lat, 104.015999 W Lon

11. County or Parish, State
EDDY COUNTY, NM

12. CHECK THE 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"/> Hydraulic Fracturing <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 Drilling Operations
	<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 recomplete 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.

6/10/19: Spud well.
6/11/19: TD 16 in. hole at 390 ft. Ran 9 jts 13,375 in. 48# J55 csg set at 370 ft. Cmt w/400 sx Class C w/2% CaCl yield 1.34. Circulated 126 sx cmt to surface. Test csg to 500 psi & held 30 min; OK.
6/12/19: WOC 32 hrs. Resume drilling.
6/13/19: TD 12.25 in hole at 2790 ft. Ran 65 jts 9,625 in. 36# J55 csg set at 2,775 ft.
6/14/19: Cmt w/720 sx Class C yield 1.82; tail w/240 sx Class C yield 1.34. Circulated 249 sx to surface.
6/15/19: Test csg to 1000 psi & held 30 min; OK. WOC 28 hrs. Drill 5 ft. to 2795 ft. and perform FIT w/12.0 EMW, 290 psi held for 30 min; OK.
6/26/19: TD 8.5 in. hole at 13,140 ft. Ran 329 jts 5.5 in. 20# P110 csg set at 13,120 ft.
6/27/19: Cmt w/590 sx Class H yield 2.76; tail w/1200 sx Class H yield 1.29.

*GC 9/26/19
Accepted for record - NMOCD*

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 23 2019

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RECEIVED

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

**Electronic Submission #478384 verified by the BLM Well Information System
For MURCHISON OIL & GAS LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/19/2019 (19PP3001SE)**

Name (Printed/Typed) LUKE PUMPHREY

Title OPERATIONS ENGINEER

Signature (Electronic Submission)

Date 08/15/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title **Accepted for Record**

Date **AUG 22 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 **Jonathon Shepard
Carlsbad Field Office**

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 ****

Additional data for EC transaction #478384 that would not fit on the form

32. Additional remarks, continued

6/28/19: Released rig at 1800 hrs.