

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**Carlsbad Field Office**  
**OCD Artesia**

FORM 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.

8. Well Name and No.  
ROCK RIDGE FEDERAL WCXY 5H

9. API Well No.  
30-015-45872-00-X1

10. Field and Pool or Exploratory Area  
PURPLE SAGE-WOLFCAMP (GAS)

11. County or Parish, State  
EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

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

3a. Address  
LEGACY TOWER ONE 7250 DALLAS PKY, STE 1400  
PLANO, TX 75024-5002

3b. 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 745FNL 250FEL  
32.193718 N Lat, 104.015999 W Lon

**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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Recombine
	<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 recompleate 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 recompleation 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.

7/12/19: Spud well. TD 16 in. hole at 375 ft.

7/13/19: Ran 9 jts 13.375 in. 48# J55 csg set at 359 ft. Cmt w/355 sx Class C w/2% CaCl yield 1.34. No cmt to surface. TOC at 170 ft. Perform top job w/380 sx Class C yield 1.34; no cmt to surface. TOC at 75 ft. Perform top job w/125 sx Class C yield 1.34; circulated 42 sx to surface.

7/14/19: Test csg to 500 psi & held 30 min; OK. WOC 20 hrs.

7/24/19: TD 12.25 in hole at 9053 ft.

7/25/19: Ran 61 jts 9.625 in. 43.5# HCP-110 csg & 154 jts 9.625 in. 40# HCP-110 csg set at 9.033 ft. Cmt first stage w/820 sx Class H yield 2.71; tail w/175 sx Class H yield 1.18. Cmt second stage w/1540 sx Class C yield 1.82; tail w/480 sx Class C yield 1.32. Circulated 432 sx to surface.

7/26/19: ND drilling spool & hang BOP. Temporarily suspend operations.

8/21/19: Test csg to 2000 psi & held 30 min; OK. Resume drilling.

GC 10/1/19  
Accepted for record - NMOCD

**RECEIVED**

SEP 23 2019

**DISTRICT/ARTESIA O.C.D.**

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

**Electronic Submission #482491 verified by the BLM Well Information System  
For MURCHISON OIL & GAS LLC, sent to the Carlsbad  
Committed to AFMS for processing by PRISCILLA PEREZ on 09/09/2019 (19PP3289SE)**

Name (Printed/Typed) LUKE PUMPHREY Title OPERATIONS ENGINEER

Signature (Electronic Submission) Date 09/09/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title **Accepted for Record** SEP 10 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.

**Additional data for EC transaction #482491 that would not fit on the form**

**32. Additional remarks, continued**

8/30/19: TD 8.5 in. hole at 14,539 ft.

8/31/19: Ran 332 jts 5.5 in. 20# HCP110 csg set at 14,523 ft.

9/1/19: Cmt w/415 sx Class H yield 2.76; tail w/1200 sx Class H yield 1.32. Released rig at 1500 hrs.