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Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

MAR 18 2020

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No. NNMN107384

1a. Type of Well [X] Oil Well [] Gas Well [] Dry [] Other
b. Type of Completion [X] New Well [] Work Over [] Deepen [] Plug Back [] Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

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

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

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

9. API Well No. 30-015-45731-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENE 785FNL 250FEL 32.193611 N Lat, 104.015999 W Lon
At top prod interval reported below SENE 1349FNL 330FEL
At total depth Lot 1 1322FNL 318FWL

10. Field and Pool, or Exploratory PIERCE CROSSING-BONE SPRING
11. Sec., T., R., M., or Block and Survey or Area Sec 30 T24S R29E Mer NMP
12. County or Parish EDDY 13. State NM

14. Date Spudded 06/10/2019 15. Date T.D. Reached 06/26/2019 16. Date Completed [] D & A [X] Ready to Prod. 11/15/2019

17. Elevations (DF, KB, RT, GL)* 2914 GL

18. Total Depth: MD 13140 TVD 8398 19. Plug Back T.D.: MD TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMARAY 22. Was well cored? [X] No [] Yes (Submit analysis) Was DST run? [X] No [] Yes (Submit analysis) Directional Survey? [] No [X] Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Table with 10 columns: Hole Size, Size/Grade, Wt. (#/ft.), Top (MD), Bottom (MD), Stage Cementer Depth, No. of Skis. & Type of Cement, Slurry Vol. (BBL), Cement Top*, Amount Pulled. Contains 3 rows of data.

24. Tubing Record

Table with 9 columns: Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD). All cells are empty.

25. Producing Intervals 26. Perforation Record

Table with 7 columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status. Contains 4 rows of data (A, B, C, D).

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Table with 2 columns: Depth Interval, Amount and Type of Material. Contains 1 row of data.

28. Production - Interval A

Table with 10 columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Contains 2 rows of data.

28a. Production - Interval B

Table with 10 columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Contains 2 rows of data.

(See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #500234 VERIFIED BY THE BLM WELL INFORMATION SYSTEM ** BLM REVISED **

Handwritten initials 'db'

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BONE SPRING 2ND	8313	9382	OIL & GAS	DELAWARE CHERRY CANYON BRUSHY CANYON AVALON SAND BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD WOLFCAMP	2766 3703 5145 6623 7519 8313 9382 9822

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #500234 Verified by the BLM Well Information System.
For MURCHISON OIL & GAS LLC, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 03/17/2020 (20DCN0030SE)**

Name (please print) CINDY COTTRELL Title REGULATORY COORDINATOR

Signature (Electronic Submission) Date 01/22/2020

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.

**** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #500234

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM107384	NMNM107384
Agreement:		
Operator:	MURCHISON OIL & GAS LLC 7250 DALLAS PARKWAY STE 1400 PLANO, TX 75024 Ph: 972-931-0700	MURCHISON OIL & GAS LLC LEGACY TOWER ONE 7250 DALLAS PKY, STE 1400 PLANO, TX 75024-5002 Ph: 972.931.0700
Admin Contact:	CINDY COTTRELL REPORT PREPARER E-Mail: ccottrell@jdmii.com Ph: 972-931-0700 Ext: 113	CINDY COTTRELL REGULATORY COORDINATOR E-Mail: ccottrell@jdmii.com Ph: 972.931.0700
Tech Contact:	CINDY COTTRELL REPORT PREPARER E-Mail: ccottrell@jdmii.com Ph: 972-931-0700 Ext: 113	CINDY COTTRELL REGULATORY COORDINATOR E-Mail: ccottrell@jdmii.com Ph: 972.931.0700
Well Name: Number:	ROCK RIDGE FEDERAL BSS 7H	ROCK RIDGE FEDERAL BSS 7H
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 30 T24S R29E Mer NMP NENE Lot A 785FNL 250FEL	NM EDDY Sec 30 T24S R29E Mer NMP NENE 785FNL 250FEL 32.193611 N Lat, 104.015999 W Lon
Field/Pool:	PIERCE CROSSING; BS S	PIERCE CROSSING-BONE SPRING
Logs Run:	GAMMA RAY	GAMMARAY
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	2ND BONE SPRING	BONE SPRING 2ND
Markers:	DELAWARE CHERRY CANYON BRUSHY CANYON AVALON SHALE 1ST BONE SPRING SAND 2ND BONE SPRING SAND 3RD BONE SPRING SAND WOLFCAMP	DELAWARE CHERRY CANYON BRUSHY CANYON AVALON SAND BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD WOLFCAMP