

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-31720
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name High Mesa State Com
8. Well Number 1
9. OGRID Number 15363
10. Pool name or Wildcat Anderson; Wolfcamp, North
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3580' GL

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Murchison Oil & Gas, Inc.

3. Address of Operator
7250 Dallas Parkway, Ste. 1400, Plano, TX 75024

4. Well Location

Unit Letter **P** : **1320** feet from the **S** line and **1000** feet from the **E** line
Section **2** Township **17S** Range **28E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3580' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: Abandon Existing Zone and Add Perforations ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Murchison Oil & Gas respectfully requests permission to abandon the existing Atoka perforations and add perforations to the wellbore in the Abo (6762'-6802', 6820'-6830', 6858'-6888', 6966'-6992') and Wolfcamp (7512'-7522') as described in the attached.

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 01 2016

RECEIVED

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Vice President Operations DATE January 25, 2016

Type or print name Gary Cooper E-mail address: rcooper@jdmii.com PHONE: 972-931-0700

For State Use Only

APPROVED BY:  TITLE Dist Supervisor DATE 2/1/16

Conditions of Approval (if any):

MURCHISON OIL & GAS INC.

High Mesa State Com #1

1320 FSL, 1000 FEL

Sec 2 T17S, R28E

Eddy County, NM

Recompletion Procedure

The subject well is completed in the Atoka and is currently uneconomical to produce. The existing perfs will be abandoned and the well will be recompleted in the Wolfcamp/Abo.

Casing:

Surface – 13 3/8", 68#, K55 @ 410' w/ cmt circ
Intermediate - 9 5/8", 47#, N80 @ 2110' w/ cmt circ
Production - 5 1/2", 17#, S95 & P110 @ 10,439' w/ TOC at 5620' w/ CBL

Tubing:

2 3/8", 4.7#, L80 EUE Mod w/ Arrow Set 1 packer set at 9538' (308 Jts)

Existing perfs:

Atoka – 9658'-9674'

Proposed perfs:

Wolfcamp – 7512'-7522'; Abo – 6762'-6802', 6820'-6830', 6858'-6888', 6966'-6992'

PROCEDURE:

1. Notify OCD of activities.
2. MIRU service rig.
3. TOH with tubing and packer.
4. RU wireline and set 10m CBP at 9600'. And dump bail 20' cement on plug.
5. Perforate Wolfcamp 7512'-7522' w/ 4spf.
6. Frac Wolfcamp with 50,000# 20/40 sand.
7. Set CBP at 7000'.
8. Perforate Abo 6762'-6802', 6820'-6830', 6858'-6888', 6966'-6992' w/ 2spf.
9. Acidize Abo and ball out. Run GR-JB to knock balls off of perfs.
10. Frac Abo with 300,000# 20/40 sand.
11. Drill out CBP and clean out wellbore.
12. TIH with pumping assy, swab well to evaluate
13. Run pump and rods and return well to production.