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District II
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

APR 12 2018

DISTRICT II-ARTESIA O.C.D.

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015 45872	² Pool Code 98220	³ Pool Name PURPLE SAGE; WC (GAS)
⁴ Property Code 324981	⁵ Property Name ROCK RIDGE FEDERAL WCB	
⁷ OGRID No. 15363	⁸ Operator Name MURCHISON OIL & GAS, INC.	
	⁶ Well Number 5H	⁹ Elevation 2914.2

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	24S	29E		745	NORTH	250	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	30	24S	29E		990	NORTH	330	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>N89°50'05"E 2607.02 FT</p> <p>NW CORNER SEC. 30 LAT. = 32.1957688°N LONG. = 104.0320931°W</p> <p>N QUARTER CORNER SEC. 30 LAT. = 32.1957641°N LONG. = 104.0236670°W</p> <p>NE CORNER SEC. 30 LAT. = 32.1957674°N LONG. = 104.0151925°W</p>		<p>N89°48'22"E 2622.00 FT</p> <p>745'</p> <p>250'</p> <p>SURFACE LOCATION</p>	
<p>990'</p> <p>330'</p> <p>LOT 1 BOTTOM OF HOLE</p> <p>LOT 2 BOTTOM OF HOLE & LTP LAT. = 32.1930431°N LONG. = 104.0309906°W</p>		<p>S89°49'13"W 4560.07 FT</p> <p>ROCK RIDGE FEDERAL WCB 5H ELEV. = 2914.2' LAT. = 32.1937196°N (NAD83) LONG. = 104.0159956°W</p> <p>FIRST TAKE POINT 990' PNL, 330' FEL</p> <p>FIRST TAKE POINT</p>	
<p>W QUARTER CORNER SEC. 30 LAT. = 32.1884580°N LONG. = 104.0319969°W</p> <p>LOT 3</p>		<p>E QUARTER CORNER SEC. 30 LAT. = 32.1884804°N LONG. = 104.0151751°W</p>	
<p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD88.</p> <p>LOT 4</p>		<p>500°17'08"E 2651.47 FT</p> <p>500°17'08"E 2651.47 FT</p>	
<p>SW CORNER SEC. 30 LAT. = 32.1811455°N LONG. = 104.0322358°W</p> <p>S89°50'31"W 2635.78 FT</p>		<p>S QUARTER CORNER SEC. 30 LAT. = 32.1811449°N LONG. = 104.0237181°W</p> <p>SE CORNER SEC. 30 LAT. = 32.1811434°N LONG. = 104.0151360°W</p> <p>S89°50'40"W 2655.71 FT</p>	

" OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: **9/25/18**

Printed Name: **Gary R. Cooper**

E-mail Address: **rcooper@jdmii.com**

"SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 21, 2018

Date of Survey: **SEP 21 2018**

Signature and Seal of Professional Surveyor: *[Signature]*

Certificate Number: **FILMON E. JARAMILLO, PLS 12797**

SURVEY NO. 55108

RWP 4-16-19

Intent ☐ As Drilled ☐

API #

Operator Name: MURCHISON OIL & GAS, INC.	Property Name: ROCK RIDGE FEDERAL WCB	Well Number 5H
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Kick Off Point (KOP)

UL A	Section 30	Township 24S	Range 29E	Lot	Feet 745	From N/S NORTH	Feet 250	From E/W EAST	County EDDY
Latitude 32.1937196					Longitude 104.0159956			NAD 83	

First Take Point (FTP)

UL A	Section 30	Township 24S	Range 29E	Lot	Feet 990	From N/S NORTH	Feet 330	From E/W EAST	County EDDY
Latitude 32.1930462					Longitude 104.0162526			NAD 83	

Last Take Point (LTP)

UL	Section 30	Township 24S	Range 29E	Lot 1	Feet 990	From N/S NORTH	Feet 330	From E/W WEST	County EDDY
Latitude 32.1930431					Longitude 104.0309906			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number
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KZ 06/29/2018