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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

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 30025-41167	² Pool Code 96674	³ Pool Name Triple X; Bone Spring, West
⁴ Property Code 8127	⁵ Property Name JACKSON UNIT	⁶ Well Number 16H
⁷ OGRID No. 15363	⁸ Operator Name MURCHISON OIL & GAS, INC.	⁹ Elevation 3611.3

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
B	15	24 S	33 E		200	NORTH	2485	EAST	LEA

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
O	15	24 S	33 E		330	SOUTH	2290	EAST	LEA

¹² Dedicated Acres 160	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>S89°40'24"W 2638.66 FT</p> <p>NW CORNER SEC. 15 LAT. = 32°13'29.565"N LONG. = 103°34'07.368"W</p> <p>N/4 CORNER SEC. 15 LAT. = 32°13'29.527"N LONG. = 103°33'36.657"W</p> <p>W/4 CORNER SEC. 15 LAT. = 32°13'03.443"N LONG. = 103°34'07.367"W</p> <p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) IN DEGREES MINUTES DECIMAL SECONDS FORMAT. BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST (NAD83) COORDINATES MODIFIED TO SURFACE.</p> <p>COMPUTED USING NMDOT ROW MAP HWY 128 DATED JULY 8, 2008</p> <p>S/4 CORNER SEC. 15 COMPUTED</p> <p>N89°38'39"E 2639.39 FT</p>	<p>S89°38'29"W 2636.74 FT</p> <p>2485'</p> <p>SURFACE LOCATION</p> <p>NE CORNER SEC. 15 LAT. = 32°13'29.501"N LONG. = 103°33'05.968"W</p> <p>JACKSON UNIT #16H ELEV. = 3611.3' LAT. = 32°13'27.546"N (NAD83) LONG. = 103°33'34.890"W</p> <p>COMPUTED USING NMDOT ROW MAP HWY 128 DATED JULY 8, 2008</p> <p>2290'</p> <p>N89°38'39"E 2639.39 FT</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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 released 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 compulsion; pooling order, if required, is covered by the division.</p> <p><i>[Signature]</i> 3/21/13 Signature Date</p> <p>Jack Rankin, VP Operations</p> <p>Printed Name</p> <p>jrankin@jdmii.com</p> <p>E-mail Address</p>	
	<p>S00°24'32"E 2640.24 FT</p> <p>S00°23'57"E 2639.69 FT</p>	<p>N00°26'44"W 2639.47 FT</p> <p>N00°26'10"W 2639.25 FT</p>	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 13, 2013</p> <p>Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number FLEETON R. JARAMILLO, PLS 12797</p> <p>SURVEY NO. 1655</p>

MAY 20 2013

Murchison Oil & Gas, Inc.
Jackson Unit #16H
200' FNL & 2485' FEL
Sec. 15, T24S, R33E
Lea County, NM

CLOSED-LOOP OPERATING AND MAINTENANCE PLAN

- All drilling fluid circulated over shaker(s) with cuttings discharged into roll-off container.
- Fluid and fines below shaker(s) are circulated with transfer pump through centrifuge(s) or solids separator with cuttings and fines discharged into roll-off container.
- Fluid is continuously re-circulated through equipment with polymer added to aid separation of cutting fines.
- Roll-off containers are lined and de-watered with fluids re-circulated into system.
- Additional tank is used to capture unused drilling fluid or cement returns from casing jobs.
- This equipment will be maintained 24 hours/day by solids control personnel and/or rig crews that stay on location.
- Cuttings will be hauled to one of the following depending upon which rig is available to drill this well:
 - R360 Permit Number R9166 / NM-01-0006
 - GMI Permit Number 711-019-001 / NM-01-0019

Jackson Unit #16H Closed Loop Equipment Diagram

