

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**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.  
NM 19836

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Murchison Oil & Gas

3a. Address  
1100 Mira Vista Blvd. Plano Tx. 75093-4698

3b. Phone No. (include area code)  
972-931-0700

7. If Unit of CA/Agreement, Name and/or No.  
8138

8. Well Name and No.  
Ringer Fed #6 SWD

9. API Well No.  
30-015-33187

10. Field and Pool or Exploratory Area  
White City Penn

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 3, T25S, R26E  
1250' FSL & 1250' FEL SE/SE (p)

11. County or Parish, State  
Eddy Co. NM

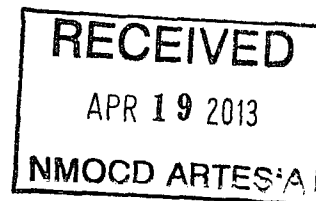
**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change liner depth</u>
	<input type="checkbox"/> Change Plans	<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 recomplete 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 recompletion 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.)

The existing APD drilling prognosis states that the 5.5" liner will be hung. Murchison is proposing to run the 5.5" to surface and cement the liner to surface. Attached is a WBS depicting the proposal.

*cedade 4/24/13*  
**Accepted for record**  
**NMOCD**



14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Steve Morris

Title Drilling Engineer

Signature

*Steve Morris*

Date 12/26/2012

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

Approved by

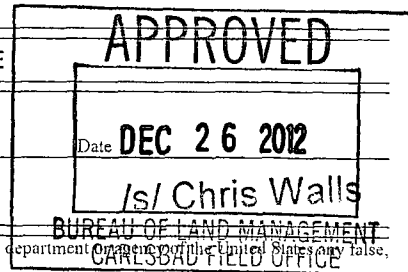
Title

Office

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.

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.

(Instructions on page 2)



<b>Murchison Oil and Gas</b>	
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Field: By: SM

Field: By: SM

**Date:** 26-Dec-12

P 3 25-S 26-E

Rig: \_\_\_\_\_

Dir. Plan		Dir.	Formation Tops		Hole Size	MD / TVD		Casing Program	Eval. Program		Mud Logging
Inc.	Azm.	Cntrl							LWD	E-Line	
0.0	0.0				17.5"	52' /	52'				
			Bell Canyon: 1906		12.25"	362' /	362'				
			Bone Springs: 5376		8.75"	8553' /	8550'				
			Wolfcamp: 8608 Strawn: 10292 Atoka: 10347 Morrow: 10937 Top Devonian: 12553		6.5"	12588' /	12588'	Packer set at 12580			
			Montoya: 13810		4.125"	13,700' /	13,666'	Open hole			

**RIISING STAR SERVICES**
**HOBBS, NM**

eu1317

December 11, 2012

Murchison Oil &amp; Gas, INC

Ringer #6 SWD

Job Type: 5 1/2" Liner inside 6 1/2" OH @ 12,850' TD

Office: (575) 391-0091

Fax: (575) 391-0094

Cell: 817 832 7206

**Sacks**  
 Lead 305 sks  
 570

**Cement and Additives**  
 CLASS H 50/50 + 10% BENTONITE + 0.3% C-35 + 0.25% R-38

150% in Open Hole 0% in Cased Hole

Tail 80 sks CLASS H + 0.4% C-20 + 0.3% C-15 + 0.3% C-35 + 0.1% C-51 + 0.25% R-38

150% in Open Hole 0% in Cased Hole

	<i>Lead</i>	<i>Tail</i>
Density:	11.80 #/gal	15.60 #/gal
Yield:	2.30 cu.ft/sk	1.19 cu.ft/sk
Mixing Water:	13.16 gal/sk	5.19 gal/sk
Total Water to Mix:	95.58 Bbls	9.88 Bbls
Slurry Volume:	124.70 Bbls	16.91 Bbls

PRECEED THE CEMENT WITH A 20 BBL SAPP MUDFLUSH

Total Sacks: 385 Total Ft\* 795.12 Total H2O: 105.46

**Directions**

<b>Equipment Needed</b>		<b>Additional Materials and Notes</b>	
5 1/2" Head and manifold			
<b>Well Information</b>			
Hole Size	Total Depth	Hole @	DV Tool @
Casing Size	Casing Depth	Perfs @	Type of Plug
Liner Size	Tubing Depth	Packer @	Size of Plug
Liner Top	Tubing Size	Retainer @	Pre-Flush
Mud Weight:			
<b>Special Job Instructions</b>			
PRECEED THE CEMENT WITH 20BBL MUDFLUSH ---			