

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO 1004-0135  
Expires July 31, 2010**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.  
NMNM98807

6 If Indian, Allottee or Tribe Name

7 If Unit or C/A/Agreement, Name and/or No

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator

MURCHISON OIL &amp; GAS INC

Contact CINDY COTTRELL

E-Mail: ccottrell@dmii.com

8. Well Name and No.

CARBON VALLEY 25 FED COM 8H

3a Address

1100 MIRA VISTA BOULEVARD  
PLANO, TX 75093-4698

3b. Phone No (include area code)

Ph: 972-931-0700 Ext: 109

10 Field and Pool, or Exploratory  
DOG CANYON

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25 T16S R27E NESE 1780FSL 300FEL

11 County or Parish, and State

EDDY COUNTY, NM

## 12. CHECK 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 Drilling Operations
	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

9/08/12-9/18/12: Drilled 8 3/4 in. hole to 6402 ft. &amp; ran 7 in. csg as follows:

1 Casing Shoe: 1.21 ft.  
2 Jt. 7 in. 26# New HCP110 API USTPL BTC: 77 87 ft.  
1 Float Collar: 0.91 ft.  
16 Jts. 7 in. 26# New HCP110 API USTPL BTC: 635.43ft.  
1 X/O Jt. 7 in. 26# New HCP110 API UNITED BTC x LTC 8RD R3: 19.64ft.  
1 Jt. 7 in. 26# New HCP110 API LTC 8RD R3: 39.53ft.  
1 Marker Jt. 26# New HCP110 API LTC 8RD R3: 19.76ft.  
132 Jts. 7 in. 26# New HCP110 API LTC 8RD R3: 5568.00ft.  
1 Hanger Jt. 7 in. 26# New HCP110 API LTC 8RD R3: 23.05ft.  
Total: 6385.40 ft.

14 I hereby certify that the foregoing is true and correct

**Electronic Submission #152465 verified by the BLM Well Information System**  
**For MURCHISON OIL & GAS INC, sent to the Carlsbad**  
**Committed to AFMSS for processing by KURT SIMMONS on 10/11/2012 (13KMS3371SE)**

Name (Printed/Typed) STEVE MORRIS

Title SR. DRILLING ENGINEER

Signature (Electronic Submission)

Date 09/28/2012

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 10/13/2012
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.		Office Carlsbad

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## **Additional data for EC transaction #152465 that would not fit on the form**

### **32. Additional remarks, continued**

Set casing @ 6382 ft

9/19/12: Cement Lead: w/741 SKS (253 Bbls) CLASS C 65/35 C + 6% BENTONITE + 0.3% C-16A + 2# STAR-SEAL + 1% CaCl<sub>2</sub> + 0.25% R-38 + 5% SALT, Yield = 1.92  
Tail: w/100 SKS (24 Bbls) CLASS C + 0.25% R-38; Yield = 1.33

Pumped 10 Bbls fresh water, 15 Bbls SAPP spacer, 5 Bbls fresh water, 253 Bbls lead cmt (12.8ppg), 24 Bbls tail cmt (14.7-14.8ppg). Drop plug; displace with 20 Bbls fresh water and 220 Bbls cut brine. At 11:35AM 09/19/2012 bumped plug with 2900 psi - 500 psi over and plug held 2 Bbl back. Cement to surface 25Bbls (73sks).

Test hanger seal and pipe rams to 5000 psi high and 250 low, test casing to 5000 psi (BOP Max). Wait on cement for 9.5 hrs.

9/20/12: Trip in cased hole with 6 1/8 in. bit and directional BHA. Drill cement & float equipment & shoe track. WOC total of 19.5 hrs. Resume drilling formation at 6402 ft.

## Revisions to Operator-Submitted EC Data for Sundry Notice #152465

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type	DRG SR	DRG SR
Lease	NMNM98807	NMNM98807
Agreement		
Operator:	MURCHISON OIL & GAS INC 1100 MIRA VISTA BLVD PLANO, TX 75093 Ph: 972-931-0700	MURCHISON OIL & GAS INC 1100 MIRA VISTA BOULEVARD PLANO, TX 75093-4698 Ph: 972.931.0700 Fx: 972 931 0701
Admin Contact:	CINDY COTTRELL REPORT PREPARER E-Mail: ccottrell@jdmii.com  Ph 972-931-0700 Ext: 109	CINDY COTTRELL REPORT PREPARER E-Mail: ccottrell@jdmii.com  Ph: 972-931-0700 Ext 109
Tech Contact:	STEVE MORRIS SR. DRILLING ENGINEER E-Mail smorris@jdmii.com  Ph: 972-931-0700 Ext: 134	STEVE MORRIS SR. DRILLING ENGINEER E-Mail smorris@jdmii.com  Ph 972-931-0700 Ext 134
Location: State: County:	NM EDDY	NM EDDY
Field/Pool:	DOG CANYON; WOLFCAMP	DOG CANYON
Well/Facility:	CARBON VALLEY 25 FED COM 8H Sec 25 T16S R27E Mer NMP NESE 1780FSL 300FEL	CARBON VALLEY 25 FED COM 8H Sec 25 T16S R27E NESE 1780FSL 300FEL