

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM98807	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator MURCHISON OIL & GAS INC		Contact: CINDY COTTRELL E-Mail: ccottrell@jdmil.com	
3. Address 1100 MIRA VISTA BLVD. PLANO, TX 75093-4698		3a. Phone No. (include area code) Ph: 972-931-0700 Ext: 109	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE Lot I 1980FSL 200FEL At top prod interval reported below NWSW Lot L 1998FSL 372FWL At total depth NWSW Lot L 1998FSL 372FWL		8. Lease Name and Well No. CARBON VALLEY 25 FED COM 5H	
14. Date Spudded 09/19/2010		15. Date T.D. Reached 10/11/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/10/2010		9. API Well No. 30-015-37602	
18. Total Depth: MD 10730 TVD 6314		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory DOG CANYON; WOLFCAMP	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE		11. Sec., T., R., M., or Block and Survey or Area Sec 25 T16S R27E Mer NMP	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		12. County or Parish EDDY	
23. Casing and Liner Record (Report all strings set in well)		13. State NM	
24. Tubing Record		17. Elevations (DF, KB, RT, GL)* 3510 GL	

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	1122		595	170	0	
8.750	7.000 HCP-110	26.0	0	5840		920	278	0	
6.125	4.500 HCP-110	11.6	5700	10624		0	0		

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5683							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	6522	10730	6522 TO 10730			10 STAGE SYSTEM - OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
6522 TO 10730	FRAC W/1,085,060 LBS PREMIUM WHITE SAND PLUS 1,399 BBLs 20% NEFE ACID, PLUS 28,344 BBLs SILVERSTIM

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/10/2010	12/11/2010	24	→	126.0	111.0	356.0	42.1	0.81	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		100.0	→	126	111	356	881	POW	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #102975 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECEIVED
MAR 16 2011

ACCEPTED FOR RECORD

FEB 25 2011
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tub. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tub. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):
Pumping tubing pressure 300 psi.
Logs were not run; estimated formation tops not available.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #102975 Verified by the BLM Well Information System.
For MURCHISON OIL & GAS INC, sent to the Carlsbad

Name (please print) ARNOLD NALL

Title VICE PRESIDENT OPERATIONS

Signature (Electronic Submission)

Date 02/22/2011

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

**Carbon Valley 25 Fed Com #5H
Fracture Detail**

Stage	Top (ft)	Bottom (ft)	20% NEFE Acid (gal)	SilverStim Lt-R21 (gal) "pad"	SilverStim Lt-R21 (gal) + sand	30/50 Premium White Sand (lbs)	Load to Recover (gal)
1	10,356	10,730	5,020	42,441	77,475	87,730	145,663
2	9,890	10,356	5,011	34,012	78,641	110,360	125,291
3	9,464	9,890	7,920	31,396	85,214	109,668	126,466
4	9,040	9,464	5,108	33,948	82,556	106,836	123,155
5	8,557	9,040	5,213	36,527	86,721	110,291	131,622
6	8,085	8,557	5,075	34,044	85,675	109,944	126,739
7	7,650	8,085	4,916	45,273	83,830	115,680	136,436
8	7,264	7,650	5,009	33,674	83,477	109,267	123,585
9	6,867	7,264	7,904	34,357	82,077	107,129	126,069
10	6,522	6,867	7,600	34,013	85,104	118,155	137,747
Total			58,776	359,685	830,770	1,085,060	1,302,773
Barrels			1,399	8,564	19,780		31,018

RE: Carbon Valley 25 Fed Com #005H

Steve Morris [smorris@jdmii.com]

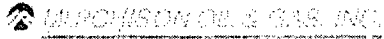
Sent: Monday, April 29, 2013 9:15 AM

To: Warren, JeanMarie, EMNRD

San Andres	1,682'
Glorieta	3,118'
Paddock	3,148'
Tubb	4,405'
Abo	5,132'
Wolfcamp	6,245'

Regards,

Steve Morris
Senior Drilling Engineer



Murchison Oil & Gas, Inc.
1100 Mira Vista Blvd.
Plano, TX 75093
☎ 972-835-3315(US Cell)
☎ 403-923-9750(Canada Cell)
✉ smorris@jdmii.com
www.murchisonoil.com

From: Warren, JeanMarie, EMNRD [mailto:JeanMarie.Warren@state.nm.us]

Sent: April-29-13 9:34 AM

To: Steve Morris

Subject: Carbon Valley 25 Fed Com #005H

30-015-37602

Good Morning Steve.

I was wondering if you had record of the formation tops for this well? If you do, would you please advise?

Thanks.

Have a great day.

Jean-Marie Warren
Business Operations Specialist
NM-OCD District II, Artesia
(575) 748-1283, ext. 101

me