

UNITED STATES **OCD-ARTESIA**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
SHL: NMNM 104676 BHL: NMNM 121

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.
 Other: _____

6. If Indian, Allottee or Tribe Name
N/A

7. Unit or CA Agreement Name and No.
N/A

2. Name of Operator
MURCHISON OIL & GAS, INC.

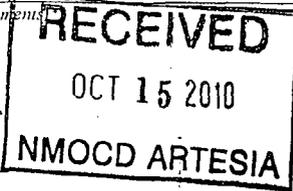
8. Lease Name and Well No.
CARBON VALLEY 31 FED COM #1H

3. Address 1100 MIRA VISTA BLVD.
PLANO, TX 75093-4698

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

9. API Well No.
30-015-37603

4. Location of Well (Report location clearly and in accordance with Federal requirements)



At surface 1980' FSL & 200' FEL, UNIT I

At top prod. interval reported below 1987' FSL & 542' FEL, UNIT I

At total depth 2191' FSL & 376' FWL, UNIT L

10. Field and Pool or Exploratory
DOG CANYON; WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area SEC. 31, T16S, R28E

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
05/26/2010

15. Date T.D. Reached
06/23/2010

16. Date Completed
08/04/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

18. Total Depth: MD 11050'
TVD 6454'

19. Plug Back T.D.: MD
TVD

20. Depth Bridge Plug Set: MD N/A
TVD N/A

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Litho-Density Compensated Neutron/GR & Hi-Res Laterolog Array Micro-CFL/GR

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer. Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"/J-55	36#	SURF	1310'	N/A	700 sxs CL C	204	SURF	
8-3/4"	7"/HCP-110	26#	SURF	5939'	N/A	1370 sxs CL H	355	SURF	
6-1/8"	4-1/2"/HCP-110	11#6#	5820'	10980'	N/A	Peak OH Com	N/A	N/A	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	5804'	TAC 5675'						

25. Producing Intervals

Formation	Top		Bottom		Perforated Interval	Size	No. Holes	Perf. Status
	Top	Bottom	Top	Bottom				
A) WOLFCAMP	6638'	11050'	6638' - 11050'			11-Stage	Open	
B)						System		
C)								
D)								

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

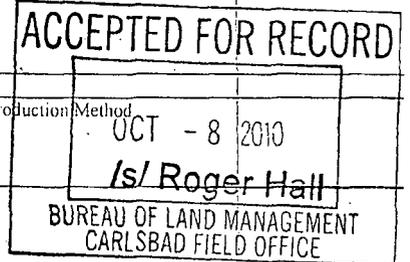
Depth Interval	Amount and Type of Material
6638' - 11050'	Frac w/1,148,280 #30/50 Premium White sand plus 1748 bbls 20% NEFE acid plus 34786 bbls Silver Stim LT-R(21) gel + 3986 bbls treated water (See attached detail by stage)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/04/10	08/05/10	24	→	109	151	448	42.8	0.91	Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Producing
N/A	200	70	→	109	151	448	1385		

28a. Production - Interval B

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Producing
	S1		→						



*(See instructions and spaces for additional data on page 2)

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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	Tbg. 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	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

SOLD - DCP MIDSTREAM

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
WOLFCAMP	6538	6582	DOLOMITE; OIL/GAS	YATES	275
				QUEEN	1029
				SAN ANDRES	1830
				GLORIETA	3204
				ABO	5270
				WOLFCAMP	6538

32. Additional remarks (include plugging procedure):

FRACTURE DETAILS ATTACHED

33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

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

Name (please print) A. Arnold Nall

Title Vice President Operations

Signature *A. Arnold Nall*

Date 08/23/2010

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.

(Continued on page 3)

(Form 3160-4, pa

Carbon Valley 31 Fed Com #1H
Fracture Detail

Stage	Top (ft)	Bottom (ft)	20% NEFE Acid (gal)	Treated Water (gal)	SilverStim Lt-R21 (gal)	30/50 Premium White Sand (lbs)	Load to Recover (gal)
1	10,792	11,050	5,000	16,295	75,735	20,170	103,311
2	10,448	10,792	5,000	15,170	69,458	12,356	90,529
3	10,098	10,447	5,000	14,984	138,746	126,578	158,673
4	9,667	10,098	5,000	15,204	141,769	126,965	161,808
5	9,235	9,667	5,000	14,984	144,049	127,874	163,932
6	8,806	9,235	5,000	14,979	170,866	129,588	190,844
7	8,254	8,806	10,000	15,419	154,487	131,535	190,844
8	7,778	8,254	6,000	15,306	97,949	50,627	129,423
9	7,342	7,778	10,500	16,000	151,263	141,710	177,651
10	6,990	7,342	9,500	15,065	165,914	135,709	190,481
11	6,638	6,990	7,400	14,022	150,778	145,168	182,095
Total			73,400	167,428	1,461,014	1,148,280	1,739,591
Barrels			1,748	3,986	34,786		41,419