

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD - Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM1035981a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
MURCHISON OIL & GAS INC Contact: CINDY COTTRELL
E-Mail: ccottrell@jdmii.com8. Lease Name and Well No.
CARBON VALLEY 25 FED COM 7H3. Address 1100 MIRA VISTA BLVD.
PLANO, TX 75093-46983a. Phone No. (include area code)
Ph: 972-931-0700 Ext: 1099. API Well No.
30-015-38060

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

At surface NWNW Lot D 950FNL 330FWL

At top prod interval reported below NWNW Lot D 950FNL 330FWL

At total depth NENE Lot A 978FNL 361FEL

10. Field and Pool, or Exploratory
DOG CANYON; WOLFCAMP11. Sec., T., R., M., or Block and Survey
or Area Sec 25 T16S R27E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
12/16/201015. Date T.D. Reached
01/09/201116. Date Completed
☐ D & A ☒ Ready to Prod.
02/18/201117. Elevations (DF, KB, RT, GL)*
3520 GL18. Total Depth: MD 10672
TVD 634419. Plug Back T.D.: MD
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
HI-RES LATEROLOG; LITHO-DENS. COMP. NEUTRON/GR22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	1055		770	221	0	
8.750	7.000 HCP-110	26.0	0	5762		1170	304	0	
6.125	4.500 HCP-110	11.6	5620	10445		0	0		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6360							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	6517	10672	6517 TO 10672			11 STAGE SYSTEM - OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6517 TO 10672	FRAC W/1,111,810 LBS OTTAWA SAND PLUS 1,310 BBLS 20% HCL ACID, PLUS 32,918 BBLS SILVERSTIM

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
02/16/2011	02/23/2011	24	→	432.0	536.0	205.0	42.1	0.84	FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
2	SI	220.0	→	432	536	205	1241	POW	

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	
	SI		→						

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

ELECTRONIC SUBMISSION #103301 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED
MAR 15 2011
OCD - ARTESIA

FILED FOR RECORD

MAR 12 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	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(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
WOLFCAMP	6316	10672	DOLOMITE; OIL & GAS	YATES QUEEN SAN ANDRES GLORIETA YESO ABO WOLFCAMP	150 848 1792 3060 3203 5097 6316

32. Additional remarks (include plugging procedure):
ELECTRIC LOGS BEING SENT BY MAIL

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 #103301 Verified by the BLM Well Information System.
For MURCHISON OIL & GAS INC, sent to the Carlsbad

Name (please print) ARNOLD NALLTitle VICE PRESIDENT OPERATIONS

Signature _____ (Electronic Submission)

Date 02/25/2011

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.

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**Carbon Valley 25 Fed Com #7H
Fracture Detail**

Stage	Top (ft)	Bottom (ft)	20% HCL Acid (gal)	SilverStim Lt- R21 (gal)	20/40 Ottawa Sand (lbs)	Load to Recover (bbls)
1	10,265	10,672	5,000	127,016	102,950	3,273
2	10,003	10,265	5,000	130,292	107,242	3,273
3	9,616	10,004	5,032	127,321	107,350	3,191
4	9,266	9,616	5,000	128,784	108,260	3,485
5	8,765	9,266	5,000	123,205	103,570	3,088
6	8,440	8,766	5,000	127,270	109,480	3,187
7	8,127	8,440	5,000	29,203	2,678	853
8	7,761	8,127	5,000	167,534	130,500	4,149
9	7,317	7,761	7,500	167,534	140,400	3,511
10	6,918	7,317	7,500	145,043	128,470	3,657
11	6,517	6,918	7,500	109,352	70,910	3,052
Total			55,032	1,382,554	1,111,810	34,719

Barrels			1,310	32,918		
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