

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.
NMNM105217

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM114179

8. Lease Name and Well No.
BLUE THUNDER 4 FEDERAL COM 1

9. API Well No.
30-015-34125-00-S1

10. Field and Pool, or Exploratory
LUSK MORROW WEST (GAS)

11. Sec., T., R., M., or Block and Survey
or Area Sec 4 T19S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
10/02/2005

15. Date T.D. Reached
11/11/2005

16. Date Completed
☐ D & A ☒ Ready to Prod.
03/03/2010

17. Elevations (DF, KB, RT, GL)*
3553 GL

18. Total Depth: MD 12300 + TVD 12300

19. Plug Back T.D.: MD 12075 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATEDNEUT CCL COMPENSATEDNEUT

22. 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
17.500	13.375 H-40	48.0	0	555		470		0	
12.250	8.625 J-55	32.0	0	3525		1360		0	
7.875	5.500 P-110	17.0	0	12295		1900		1100	

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	11710	11715						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MORROW	11907	11910	10160 TO 10214	0.410	55	WOLFCAMP, squeezed 2/12/
B)			11831 TO 11843	0.410	48	open
C)			11900 TO 11902	0.410	12	open
D)			11907 TO 11910	0.410	16	open

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

Depth Interval	Amount and Type of Material

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
03/03/2010	01/09/2006	24	→	77.0	2233.0	0.0	51.7		
Choke Size	Tbg Press Flwg.	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
13/64	SI 1850		→	77	2233	0	29000	PGW	

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
03/03/2010	03/04/2010	24	→	8.0	1029.0	3.0	42.4	0.60	NA
Choke Size	Tbg Press Flwg.	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
22/64	SI 70	70.0	→	8	1029	3		PGW	

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

ELECTRONIC SUBMISSION #83310 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **



RM

RECEIVED

APR - 6 2010

NMOC-ARTESIA

ACCEPTED FOR RECORD

APR 3 2010

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
RUSTLER	625			RUSTLER	625
YATES	3545			YATES	3545
DELAWARE	4980			DELAWARE	4980
BONE SPRING	6540			BONE SPRING	6540
WOLFCAMP	9909			WOLFCAMP	9909
STRAWN	10877			STRAWN	10877
ATOKA	11219			ATOKA	11219
MORROW	12108	12134		MORROW	11398

32. Additional remarks (include plugging procedure):

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

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 #83310 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 03/26/2010 (10KMS0987SE)

Name(please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 03/25/2010

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****