

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 18 2010

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NMCD ARTESIA

Lease Serial No.
NMNM074935

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No		
2. Name of Operator COG OPERATING LLC			Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4332		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T17S R30E Mer NMP At surface NWSW 1735FSL 930FWL At top prod interval reported below At total depth			8. Lease Name and Well No. ELECTRA FEDERAL 46		
14. Date Spudded 02/09/2010			15. Date T.D. Reached 02/18/2010		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/31/2010			9. API Well No. 30-015-37107-00-S1		
18. Total Depth: MD TVD 6033			19. Plug Back T.D.: MD TVD 5969		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory LOCO HILLS, Gloria <i>Gloria</i>		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT			11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R30E 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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			12. County or Parish EDDY		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3686 GL		

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	453		1141		0	
11.000	8.625 J-55	24.0	0	1284		500		0	
7.875	5.500 J-55	17.0	0	6033		1000		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	5755							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			4450 TO 4740	0.410	29	OPEN
B) PADDOCK	4450	4740	5000 TO 5200	0.410	26	OPEN
C) BLINEBRY	5540	5740	5270 TO 5470	0.410	26	OPEN
D)			5540 TO 5740	0.410	26	OPEN

ACCEPTED FOR RECORD

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

Depth Interval	Amount and Type of Material
4450 TO 4740	ACIDIZE W/3,000 GALS 15% ACID
4450 TO 4740	FRAC W/109,000 GALS GEL, 112,648# WHITE SAND, 18,373# SIBERPROP SAND
5000 TO 5200	FRAC W/ 124,000 GALS GEL, 144,965# WHITE SAND, 27,618# SIBERPROP SAND
5000 TO 5200	ACIDIZE W/2,500 GALS 15% ACID.

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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
04/11/2010	04/13/2010	24	→	130.0	179.0	551.0	38.0	
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
	70	70.0	→	130	179	551	1377	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
04/11/2010	04/13/2010	24	→	130.0	179.0	551.0	38.0	0.60	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	
	70	70.0	→	130	179	551		POW	

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

ELECTRONIC SUBMISSION #85584 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
YATES	1267		DOLOMITE & SAND	YATES	1267
QUEEN	2169		SAND	QUEEN	2169
SAN ANDRES	2900		DOLOMITE & ANHYDRITE	SAN ANDRES	2900
GLORIETA	4349		SAND & DOLOMITE	GLORIETA	4349
YESO	4412		DOLOMITE & ANHYDRITE		
TUBB	5875				

32. Additional remarks (include plugging procedure):

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

5270 - 5470 ACIDIZE W/2,500 GALS 15% ACID.

5270 - 5470 Frac w/ 124,000 gals gel, 145,763# White sand, 27,872# Siberprop sand.

5740 - 5540 ACIDIZE W/2,500 GALS 15% ACID.

5740 - 5540 FRAC W/125,000 gals gel, 146,393# White sand, 30,271# Siberprop sand.

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 #85584 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 04/29/2010 (10KMS1312SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 04/28/2010

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 ****

Additional data for transaction #85584 that would not fit on the form

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

Depth Interval	Amount and Type of Material
5270 TO 5470	gal gel, 145763# White sand, 27872# siberprop sand
5270 TO 5470	gal 15% acid
5540 TO 5740	gal 15% acid
5540 TO 5740	gal gel, 146393# White sand, 30271# siberprop sand