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JUN 18 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

NMCD ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM074935

1a. 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 **COG OPERATING LLC** Contact: **KANICIA CARRILLO**
 E-Mail: **kcarrillo@conchoresources.com**

8. Lease Name and Well No.
ELECTRA FEDERAL 42

3. Address **550 W TEXAS, STE 1300 FASKEN TOWER II** 3a. Phone No (include area code)
MIDLAND, TX 79701 Ph: **432-685-4332**

9. API Well No.
30-015-37086-00-S1

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

10. Field and Pool, or Exploratory
LOCO HILLSAt surface **SWSW 1110FSL 330FWL 32.84488 N Lat, 103.96737 W Lon**At top prod interval reported below **SWSW Lot M 1110FSL 330FWL 32.84488 N Lat, 103.96737 W Lon**At total depth **SWSW Lot M 1110FSL 330FWL 32.84488 N Lat, 103.96737 W Lon**11. Sec., T., R., M., or Block and Survey
or Area **Sec 10 T17S R30E Mer NMP**12. County or Parish
EDDY 13. State
NM14. Date Spudded
01/16/201015. Date T.D. Reached
01/24/201016. Date Completed
☐ D & A ☒ Ready to Prod
04/13/201017. Elevations (DF, KB, RT, GL)*
3691 GL18. Total Depth: **MD 6054**
TVD 605419. Plug Back T.D. **MD 6003**
TVD 600320. Depth Bridge Plug Set. **MD**
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL

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 H40	48.0	0	395		550		0	0
11.000	8.625 J55	24.0	0	1303		1100		0	0
7.875	5.500 J55	17.0	0	6054		1000		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	5536							

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

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

Depth Interval	Amount and Type of Material
4450 TO 4740	FRAC W/ 108,648 GALS GEL, 1111,637# 16/30 OTTAWA SAND, 16,886# 16/30 SIBERPROP
4450 TO 4740	ACIDIZE W/3,000 GALS 15% ACID
5000 TO 5200	FRAC W/ 224,247 GALS GEL, 146,689# 16/30 OTTAWA SAND, 30,049# 16/30 SIBERPROP
5000 TO 5200	ACIDIZE W/2,500 GALS 15% ACID

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
05/14/2010	05/14/2010	24	→	336.0	415.0	515.0	37.9	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	→	336	415	515	1235	POW	

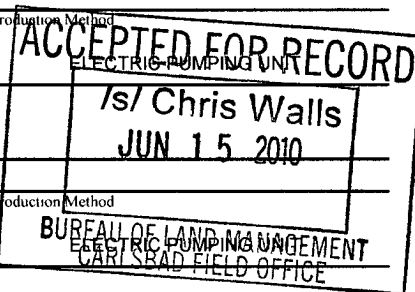
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
05/14/2010	05/14/2010	24	→	336.0	415.0	515.0	37.9	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	→	336	415	515		POW	

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

ELECTRONIC SUBMISSION #87132 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



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	1252		DOLOMITE & SAND	YATES	1252
QUEEN	2155		SAND	QUEEN	2155
SAN ANDRES	2878		DOLOMITE & ANHYDRITE	SAN ANDRES	2878
GLORIETA	4334		SAND & DOLOMITE	GLORIETA	4334
YESO	4394		DOLOMITE & ANHYDRITE		
TUBB	5866		SAND		

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/ 124,002 GALS GEL, 145,073# 16/30 OTTAWA SAND, 30,100# 16/30 SIBERPROP

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

5540-5740 FRAC W/ 124,199 GALS GEL, 142,547# 16/30 OTTAWA SAND, 29,778# 16/30 SIBERPROP

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 #87132 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by CHERYLE RYAN on 06/02/2010 (10CMR0479SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 05/28/2010

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 ****