

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.
NMNM04679311a. 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 LLCContact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com8. Lease Name and Well No
ELECTRA FEDERAL 353. Address 550 WEST TEXAS AVE STE 1300
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-885-48329. API Well No.
30-015-36958

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

At surface Lot H 2255FNL 990FEL

At top prod interval reported below Lot H 2255FNL 990FEL

At total depth Lot H 2255FNL 990FEL

DEC 23 2009
NMOCD ARTESIA10. Field and Pool, or Exploratory
LOCO HILLS11. Sec., T., R., M., or Block and Survey
or Area Sec 10 T17S R30E Mer12. County or Parish
EDDY13. State
NM14. Date Spudded
10/06/200915. Date T.D. Reached
10/15/200916. Date Completed
☐ D & A ☒ Ready to Prod.
11/05/200917. Elevations (DF, KB, RT, GL)*
3731 GL18. Total Depth: MD 6044
TVD 604419. Plug Back T.D.: MD 5975
TVD 597520. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUTRON22. 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	447		998		0	0
11.000	8 625 J55	24.0	0	1306		500		0	0
7.875	5 500 J55	17.0	0	6034		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	5538							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	4548	4822	4548 TO 4822	0.410	29	OPEN
B) BLINEBRY	5000	5200	5000 TO 5200	0.410	24	OPEN
C) BLINEBRY	5270	5470	5270 TO 5470	0.410	24	OPEN
D) BLINEBRY	5540	5740	5540 TO 5740	0.410	24	OPEN

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

Depth Interval	Amount and Type of Material
4548 TO 4822	ACIDIZE W/3,000 GALS 15% ACID.
4548 TO 4822	FRAC W/ 100,815 GALS GEL, 101,025# 16/30 OTTAWA SAND, 10,372# 16/30 SIBERPROP
5000 TO 5200	ACIDIZE W/3,500 GALS 15% ACID
5000 TO 5200	FRAC W/ 124,908 GALS GEL, 145,140# 16/30 OTTAWA SAND, 30,626# 16/30 SIBERPROP

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
11/16/2009	11/17/2009	24	→	54.0	91.0	724.0	39.1	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	→					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 SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

DEC 21 2009
/s/ Myles KristofBUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #78147 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	1369		DOLOMITE & SAND	DOLOMITE & SAND	1369
QUEEN	2276		SAND	SAND	2276
SAN ANDRES	2989		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	2989
GLORIETA	4426		SAND & DOLOMITE	SAND & DOLOMITE	4426
PADDOCK	4522		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	4522
TUBB	5960		SAND	SAND	5960

32. Additional remarks (include plugging procedure):

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

5270-5470 ACIDIZE W/3,500 GALS 15% ACID.

5270-5470 FRAC W/ 124,587 GALS GEL, 147,913# 16/30 OTTAWA SAND, 29,814# 16/30 SIBERPROP.

5540-5740 ACIDIZE W/3,500 GALS 15% ACID.

5540-5740 FRAC W/ 124,474 GALS GEL, 146,097# 16/30 OTTAWA SAND, 29,531# 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 #78147 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 12/01/2009

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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