

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator COG OPERATING LLC Contact: NETHA AARON
E-Mail: aaaron@conchoresources.com

3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701 3a. Phone No. (include area code) Ph: 432-818-2319

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NWNE Lot B 175FNL 2590FEL
At top prod interval reported below Sec 10 T17S R30E Mer NMP
At total depth NWNE Lot B 389FNL 2281FEL

5. Lease Serial No. NMNM0467931

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. ELECTRA FEDERAL 60

9. API Well No. 30-015-38183-00-S1

10. Field and Pool, or Exploratory LOCO HILLS GLORIETA-YESO
LOCO HILLS

11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R30E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 02/18/2011 15. Date T.D. Reached 02/28/2011 16. Date Completed ☐ D & A ☒ Ready to Prod. 03/02/2011

17. Elevations (DF, KB, RT, GL)* 3741 GL

18. Total Depth: MD 6136 TVD 6111 19. Plug Back T.D.: MD 6075 TVD 6050 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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	455		1050		0	
11.000	8.625 J-55	24.0	0	1311		500		0	
7.875	5.500 J-55	15.5	0	6135	4179	1600			

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	5697							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4600	4850	4600 TO 4850	1.000	26	OPEN, Paddock
B) BLINEBRY	5595	5795	5055 TO 5255	1.000	26	OPEN, Upper Blinebry
C)			5325 TO 5525	1.000	26	OPEN, Middle Blinebry
D)			5595 TO 5795	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
4600 TO 4850	FRAC W/101,670 GALS GEL, 96,683# 16/30 OTTAWA SAND, 25,859# 16/30 CRC
4600 TO 4850	ACIDIZED W/3000 GALS 15% HCL
5055 TO 5255	ACIDIZED W/3500 GALS 15% HCL
5055 TO 5255	FRAC W/116,039 GALS GEL, 145,440# 16/30 OTTAWA SAND, 35,324# 16/30 CRC

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
			→						
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 MAY 7 2011 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
			→						

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	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
			→						

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

ELECTRONIC SUBMISSION #106732 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.)

UNKNOWN

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	1377		DOLOMITE & SAND	YATES	1377
SAN ANDRES	3018		DOLOMITE & ANHYDRITE	SAN ANDRES	3018
GLORIETA	4466		SAND & DOLOMITE	GLORIETA	4466
YESO	4560		DOLOMITE & ANHYDRITE	YESO	4560
TUBB	5970			TUBB	5970

32. Additional remarks (include plugging procedure):

44. Acid, Fracture, Treatment, Cement Squeeze, etc. CONTINUED....

5325 - 5525 Acidized w/3500 gals 15% HCL.

5325 - 5525 Frac w/115,541 gals gel, 138,107# 16/30 OTTAWA sand,
29,555# 16/30 CRC

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 #106732 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 04/20/2011 (11KMS1419SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 04/19/2011

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.

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

Additional data for transaction #106732 that would not fit on the form

32. Additional remarks, continued

5595 - 5795 Acidized w/3500 gals 15% HCL.

5595 - 5795 Frac w/119,287 gals gel, 149,412# 16/30 OTTAWA sand,
35,121# 16/30 CRC