

RECEIVED
OCT 21 2008
HUBBARD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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
Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator: COG OPERATING LLC Contact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com

3. Address: 550 WEST TEXAS AVE STE 1300 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)*
At surface Lot I 2437FSL 860FEL 32.81948 N Lat, 103.79949 W Lon
At top prod interval reported below Lot I 2437FSL 860FEL 32.81948 N Lat, 103.79949 W Lon
At total depth Lot I 2437FSL 860FEL 32.81948 N Lat, 103.79949 W Lon

14. Date Spudded 06/22/2008 15. Date T.D. Reached 07/05/2008 16. Date Completed ☐ D & A ☒ Ready to Prod. 07/22/2008

17. Elevations (DF, KB, RT, GL)* 3943 GL

18. Total Depth: MD 6815 TVD 19. Plug Back T.D.: MD 6698 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 500	13.375 J55	48.0		667		700		0	185
11 000	8.625 J55	32.0		2326		950		0	51
7.875	5.500 L80	17.0		6757		1300		0	159

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	5803							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5910	6110	5910 TO 6110	0.410	36	OPEN
B) YESO	6180	6380	6180 TO 6380	0.410	36	OPEN
C) YESO	6450	6650	6450 TO 6650	0.410	48	OPEN
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5910 TO 6110	ACIDIZE W/2,500 GALS ACID. FRAC W/120,000 GALS GEL, 162,307# 20/40 SAND, 42,290# CRC SAND
6180 TO 6380	ACIDIZE W/2,500 GALS ACID. FRAC W/117,000 GALS GEL, 153,345# 20/40 SAND, 30,000# CRC SAND
6450 TO 6650	ACIDIZE W/2,500 GALS ACID. FRAC W/116,000 GALS GEL, 153,349# 20/40 SAND, 30,000# CRC SAND.

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
07/13/2008	07/30/2008	24	→	116 0	149 0	351 0	35 9		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	
			→					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	
			→						

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

ELECTRONIC SUBMISSION #63101 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

OCT 16 2008

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
YATES	2161				
7 RIVERS	2518				
QUEEN	3124				
GRAYBURG	3496				
SAN ANDRES	3847				
GLORIETA	5368				
YESO	5467				
TUBB	6944				

32. Additional remarks (include plugging procedure):
Logs will be mailed.

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 #63101 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/16/2008

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

July 18, 2008

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: GC Federal #8
2437' FSL & 860' FEL
Sec. 19, T17S, R32E
Lea, New Mexico
30-025-38842

Dear Sir,

The following is the Deviation Survey for the above captioned well.

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
230.00	1.00	3829.00	1.00
505.00	1.00	4297.00	1.25
873.00	1.50	4766.00	1.25
1404.00	0.75	5204.00	1.25
1654.00	1.00	5672.00	1.25
2122.00	1.00	6141.00	1.25
2453.00	1.00	6579.00	1.25
2953.00	1.00	6815.00	1.25
3422.00	1.00		

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 18th day of June, 2008.

Notary Public