

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CD- Artesia

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			5 Lease Serial No. NMLC049998A		
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr Other _____			6 If Indian, Allottee or Tribe Name		
2 Name of Operator COG OPERATING LLC			Contact NETHA AARON E-Mail oaaron@concho.com		
3 Address 550 WEST TEXAS AVENUE SUITE 100 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 SENW Lot F 2150FNL 2200FWL At top prod interval reported below SENW Lot F 2150FNL 2200FWL 32.835756 N Lat, 103.892791 W Lon At total depth SENW Lot F 2150FNL 2200FWL 32 835756 N Lat, 103.892791 W Lon			7 Unit or CA Agreement Name and No.		
14. Date Spudded 07/25/2011			15 Date T.D. Reached 08/02/2011		
16 Date Completed ☐ D & A ☒ Ready to Prod. 08/24/2011			8 Lease Name and Well No FOSTER EDDY 27		
18. Total Depth MD 6314 TVD 6314			19 Plug Back T.D.: MD 6265 TVD 6265		
20. Depth Bridge Plug Set: MD TVD			9 API Well No. 30-015-39129-00-S1		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUALSPACEDNEUTR			10 Field and Pool, or Exploratory CEDAR LAKE		
22 Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit analysis)			11 Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R31E Mer NMP		
23. Elevations (DF, KB, RT, GL)* 3723 GL			12 County or Parish EDDY		
			13 State NM		

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 H-40	48.0	0	351		1025		0	
11.000	8.625 J-55	32.0	0	1800		550		0	
7.875	5.500 L-80	17.0	0	6310	3042	1750		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	6047							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	4745	4870	4745 TO 4870	1.000	26	OPEN, Paddock
B) BLINEBRY	5890	6090	5310 TO 5510	1.000	26	OPEN, Upper Blinebry
C)			5580 TO 5780	1.000	26	OPEN, Middle Blinebry
D)			5890 TO 6090	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
4745 TO 4870	FRAC W/116,134 GALS GEL, 126,816# 16/30 WHITE SAND, 21,967# 16/30 SIBERPROP
4745 TO 4870	ACIDIZED W/3000 GALS 15% HCL
5310 TO 5510	ACIDIZE W/3718 GALS 15% HCL
5310 TO 5510	FRAC W/123,858 GALS GEL, 142,254# 16/30 WHITE SAND, 29,193# 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
08/25/2011	08/31/2011	24	→	158.0	149.0	610.0	36.8	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	→	158	149	610		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 #118661 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED
OCT 13 2011
NMLC049998A

ACCEPTED FOR REVIEW

OCT 8 2011

BUREAU OF LAND MANAGEMENT

RESIDENT FIELD OFFICE

RECLAMATION

DUE 2-24-12

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
RUSTLER	253		ANHYDRITE	RUSTLER	253
TANSILL	1400			TANSILL	1400
YATES	1512		DOLOMITE & SAND	YATES	1512
SAN ANDRES	3150		SAND	SAN ANDRES	3150
GLORIETA	4631		DOLOMITE & ANHYDRITE	GLORIETA	4631
YESO	4704		SAND & DOLOMITE	YESO	4704
TUBB	6167			TUBB	6167

32. Additional remarks (include plugging procedure)

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

5580 - 5780 Acidized w/3650 gals 15% HCL

5580 - 5780 Frac w/124,808 gals gel, 141,201# 16/30 White sand, 27,027# 16/30 SiberProp

5890 - 6090 Acidized w/3500 gals 15% HCL

5890 - 6090 Frac w/123,291 gals gel, 140,093# 16/30 White sand, 36,847#

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 #118661 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/28/2011 (11DLM1402SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/28/2011

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 ** REVISED **

Additional data for transaction #118661 that would not fit on the form

32. Additional remarks, continued

16/30 SiberProp

LOGS WILL BE MAILED