

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. FOSTER EDDY 20	
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-015-39120-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface NWNE Lot B 330FNL 2450FEL At top prod interval reported below Sec 17 T17S R31E Mer NMP At total depth NWNE 330FNL 2450FEL		10. Field and Pool, or Exploratory MAR LOCO	
14. Date Spudded 10/13/2011		15. Date T.D. Reached 10/21/2011	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 11/17/2011		17. Elevations (DF, KB, RT, GL)* 3728 GL	
18. Total Depth: MD 6351 TVD 6351		19. Plug Back T.D.: MD 6274 TVD 6274	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPNEUT HNGS	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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	394		1225		0	
11.000	8 625 J-55	32.0	0	1800		1126		0	
7.875	5 500 J-55	17.0	0	6341		1000		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	5907							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO	4770	5980	4770 TO 4970	0.210	26	OPEN, Paddock
B)			5190 TO 5390	0.210	26	OPEN, Upper Blinebry
C)			5460 TO 5685	0.210	26	OPEN, Middle Blinebry
D)			5755 TO 5980	0.210	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
4770 TO 4970	ACIDIZED W/3000 GALS 10% HCL
4770 TO 4970	FRAC W/104,061 GALS GEL, 97,511# 16/30 WHITE SAND, 7,120# 16/30 SIBERPROP
5190 TO 5390	ACIDIZE W/3500 GALS 10% HCL
5190 TO 5390	FRAC W/124,636 GALS GEL, 146,270# 16/30 WHITE SAND, 28,204# 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
12/19/2011	12/20/2011	24	→	111.0	151.0	326.0	33.4	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	→	111	151	326		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 #127286 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICERECEIVED
JAN 11 2012
NMOCD ARTESIAAccepted for record
NMOCD
1/15/2012RECLAMATION
DUE 5-17-12

ACCEPTED FOR RECORD

JAN 7 2012

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	393		ANHYDRITE	RUSTLER	393
TANSILL	1423		DOLOMITE	TANSILL	1423
YATES	1531		DOLOMITE & SAND	YATES	1531
SAN ANDRES	3160		SAND	SAN ANDRES	3160
GLORIETA	4650		DOLOMITE & ANHYDRITE	GLORIETA	4650
YESO	4762		SAND & DOLOMITE	YESO	4762
TUBB	6189		DOLOMITE & SANDSTONE	TUBB	6189

32. Additional remarks (include plugging procedure)

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

5460 - 5685 Acidized w/3500 gals 10% HCL.
5460 - 5685 Frac w/124,718 gals gel, 146,698# 16/30 White sand,
29,455# 16/30 SiberProp

5755 - 5980 Acidized w/3500 gals 10% HCL.
5755 - 5980 Frac w/125,122 gals gel, 146,116# 16/30 White sand,

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 #127286 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 01/05/2012 (12DLM0377SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/04/2012

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 #127286 that would not fit on the form

32. Additional remarks, continued

27,792# 16/30 SiberProp

LOGS WILL BE MAILED