

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM074935		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. ELECTRA FEDERAL 65		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701			9. API Well No. 30-015-38185-00-S1		
3a. Phone No (include area code) Ph: 432-818-2319			10. Field and Pool, or Exploratory LOCO HILLS GLORIETA-YESO		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T17S R30E Mer NMP At surface SESW Lot N 1077FSL 2018FWL At top prod interval reported below At total depth			11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R30E Mer NMP		
14. Date Spudded 03/27/2011			15. Date T.D. Reached 04/05/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 04/27/2011			17. Elevations (DF, KB, RT, GL)* 3691 GL		
18. Total Depth. MD 6107 TVD 6107			19. Plug Back T.D.: MD 6022 TVD 6022		
20. Depth Bridge Plug Set MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT		
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	360		700		0	
11.000	8.625 J-55	24.0	0	1273		500		0	
7.875	5.500 J-55	17.0	0	6093		950		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	5653							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4470	4745	4470 TO 4745	1.000	26	OPEN, Paddock
B) BLINEBRY	5550	5750	4950 TO 5150	1.000	26	OPEN, Upper Blinebry
C)			5250 TO 5450	1.000	26	OPEN, Middle Blinebry
D)			5550 TO 5750	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
4470 TO 4745	ACIDIZED W/3000 GALS 15% HCL
4470 TO 4745	FRAC W/101,536 GALS GEL, 103,426# 16/30 WHITE SAND, 18,638# 16/30 SIBERPROP
4950 TO 5150	ACIDIZE W/3717 GALS 15% HCL
4950 TO 5150	FRAC W/100,421 GALS GEL, 131,014# 16/30 WHITE SAND, 33,200# 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
05/12/2011	06/05/2011	24	→	123.0	354.0	587.0	37.9	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	
		70.0	→	123	354	587		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 #110236 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OCD Artesia

RECEIVED

JUN 15 2011

NMOCD ARTESIA

ACCEPTED FOR RECORD

JUN 11 2011

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	1279		DOLOMITE & SAND	YATES	1279
SAN ANDRES	2916		DOLOMITE & ANHYDRITE	SAN ANDRES	2916
GLORIETA	4345		SAND & DOLOMITE	GLORIETA	4345
YESO	4428		DOLOMITE & ANHYDRITE	YESO	4428
TUBB	5878			TUBB	5878

32. Additional remarks (include plugging procedure):

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

5250 - 5450 Acidized w/3722 gals 15% HCL.
5250 - 5450 Frac w/118,597 gals gel, 151,736# 16/30 White sand,
28,475# 16/30 SiberProp

5550 - 5750 Acidized w/3664 gals 15% HCL.

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 #110236 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 06/10/2011 (11KMS1820SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/09/2011

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 #110236 that would not fit on the form

32. Additional remarks, continued

5550 - 5750 Frac w/104,850 gals gel, 141,433# 16/30 White sand,
37,443# 16/30 SiberProp

LOGS WILL BE MAILED