


 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

OCD Artesia

RECEIVED

JUN 25 2010
FORM 3160-4
OMB No 1004-0137

NMOC ARTESIA

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. ELECTRA FEDERAL 40	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No. 30-015-37081-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 15 T17S R30E Mer NMP At surface NWNW 330FNL 990FWL 32.84092 N Lat, 103.96521 W Lon At top prod interval reported below At total depth		10. Field and Pool, or Exploratory LOCO HILLS	
14. Date Spudded 03/14/2010		15. Date T.D. Reached 03/22/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 04/20/2010		17. Elevations (DF, KB, RT, GL)* 3701 GL	

18. Total Depth: MD TVD 6039	19. Plug Back T.D. MD TVD 5982	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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13 375 H40	48.0	0	440		1000		0	0
11.000	8.625 J55	24.0	0	1304		500		0	0
7.875	5.500 J55	17.0	0	6039		950		0	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	5585							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			4450 TO 4732	0.410	29	OPEN
B) PADDOCK	4450	4732	5020 TO 5220	0.410	26	OPEN
C) BLINEBRY	5020	5800	5330 TO 5530	0.410	28	OPEN
D)			5600 TO 5800	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
4450 TO 4732	ACIDIZE W/2,500 GALS 15% ACID
4450 TO 4732	FRAC W/ 96,985 GALS GEL, 103,952# 20/40 OTTAWA SAND, 14,381# 20/40 SIBERPROP
5020 TO 5220	ACIDIZE W/3,500 GALS 15% ACID
5020 TO 5220	FRAC W/ 109,951 GALS GEL, 146,035# 20/40 OTTAWA SAND, 31,432# 20/40 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
04/20/2010	05/26/2010	24	→	216.0	169.0	953.0	38.1	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	→	216	169	953		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	
			→						

ACCEPTED FOR RECORD

JUN 21 2010

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #87493 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.)
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	1260		DOLOMITE & SAND	YATES	1260
QUEEN	2166		SAND	QUEEN	2166
SAN ANDRES	2893		DOLOMITE & ANHYDRITE	SAN ANDRES	2893
GLORIETA	4330		SAND & DOLOMITE	GLORIETA	4330
YESO	4435		DOLOMITE & ANHYDRITE		
TUBB	5896		SAND		

32 Additional remarks (include plugging procedure):

Acid, Fracture, Treatment, Cement Squeeze etc continued .

5330 - 5530 ACIDIZE W/3,500 GALS 15% ACID.

5330 - 5530 FRAC W/ 115,984 GALS GEL, 147,746# 20/40 OTTAWA SAND, 35,255# 20/40 SIBERPROP

5600 - 5800 ACIDIZE W/3,500 GALS 15% ACID

5600 - 5800 FRAC W/ 115,907 GALS GEL, 147,907# 20/40 OTTAWA SAND, 33,036# 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 #87493 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 06/07/2010 (10KMS1567SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/04/2010

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 ****