

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		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		7. Unit or CA Agreement Name and No.	
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		8. Lease Name and Well No. ELECTRA FEDERAL 47	
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701		9. API Well No. 30-015-37223	
3a. Phone No. (include area code) Ph: 432-685-4332		10. Field and Pool, or Exploratory LOCO HILLS; GLORIETA, YESO	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface Lot K 2310FSL 1650FWL 32.84800 N Lat, 103.96248 W Lon  At top prod interval reported below Lot K 2310FSL 1650FWL 32.84800 N Lat, 103.96248 W Lon  At total depth Lot K 2310FSL 1650FWL 32.84800 N Lat, 103.96248 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R30E Mer	
14. Date Spudded 08/08/2010		12. County or Parish EDDY	
15. Date T.D. Reached 08/17/2010		13. State NM	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/14/2010		17. Elevations (DF, KB, RT, GL)* 3712 GL	
18. Total Depth: MD 6090 TVD 6090		19. Plug Back T.D.: MD 6035 TVD 6035	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON	
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 H40	48.0	0	452		1000		0	0
11.000	8.625 J55	24.0	0	1322		500		0	0
7.875	5.500 J55	17.0	0	6077		1250		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	5727							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4500	4750	4500 TO 4750	0.410	26	OPEN
B) BLINEBRY	5000	5200	5000 TO 5200	0.410	26	OPEN
C) BLINEBRY	5270	5470	5270 TO 5470	0.410	26	OPEN
D) BLINEBRY	5540	5740	5540 TO 5740	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
4500 TO 4750	ACIDIZE W/4,200 GALS 15% ACID.
4500 TO 4750	FRAC W/105,433 GALS GEL, 113,069# 16/30 WHITE SAND, 2,855# 16/30 SIBERPROP SAND.
5000 TO 5200	ACIDIZE W/3,500 GALS 15% ACID.
5000 TO 5200	FRAC W/ 102,072 GALS GEL, 149,745# 16/30 WHITE SAND, 32,728# 16/30 SIBERPROP 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
09/23/2010	09/26/2010	24	→	184.0	236.0	520.0	38.9	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	70	70.0	→					POV	

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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

**RECEIVED**  
NOV 09 2010  
NMOC D ARTESIA

**ACCEPTED FOR RECORD**  
NOV 5 2010  
/s/ Dustin Winkler  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #94310 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

## 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	1302		DOLOMITE & SAND	DOLOMITE & SAND	1302
QUEEN	2205		SAND	SAND	2205
SAN ANDRES	2931		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	2931
GLORIETA	4368		SAND & DOLOMITE	SAND & DOLOMITE	4368
YESO	4484		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	4484
TUBB	5913				

## 32. Additional remarks (include plugging procedure):

Acid, Fracture, Treatment, Cement Squeeze etc. continued...

5270 - 5470 ACIDIZE W/3,500 GALS 15% ACID.

5270 - 5470 Frac w/ 124,893 gals gel, 151,332# 16/30 White sand, 30,417# 16/30 Siberprop sand.

5540 - 5740 ACIDIZE W/3,500 GALS 15% ACID.

5540 - 5740 FRAC W/126,156 gals gel, 146,291# 16/30 White sand, 32,275# 16/30 Siberprop

## 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 #94310 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/07/2010

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #94310 that would not fit on the form**

**32. Additional remarks, continued**

sand.