

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 11 2009

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 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 POLARIS B FEDERAL 26	
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		9. API Well No. 30-015-36712-00-S1	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		10. Field and Pool, or Exploratory LOCO HILLS	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 9 T17S R30E Mer NMP At surface NESW 1650FSL 2310FWL 32.84639 N Lat, 103 97807 W Lon At top prod interval reported below At total depth		11. Sec, T, R, M, or Block and Survey or Area Sec 9 T17S R30E Mer NMP	
14. Date Spudded 06/16/2009		15. Date T.D. Reached 06/26/2009	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 07/14/2009		17. Elevations (DF, KB, RT, GL)* 3685 GL	
18. Total Depth MD 6007 TVD 6007		19. Plug Back T.D. MD 5960 TVD 5960	
20. Depth Bridge Plug Set MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL	
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	451		1028		0	
11.000	8.625 J55	32.0	0	1180		600		0	0
7.875	5.500 J-55	17.0	0	6007		1100		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	5309							

## 25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			4414 TO 4666	0.410	29	OPEN
B) PADDOCK	4414	4666	4800 TO 5000	0.410	36	OPEN
C) BLINEBRY	4800	5540	5070 TO 5270	0.410	36	OPEN
D)			5340 TO 5540	0.410	48	OPEN

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

Depth Interval	Amount and Type of Material
4414 TO 4666	ACIDIZE W/3,000 GALS 15% ACID
4414 TO 4666	FRAC W/103,181 GALS GEL, 106,930# 16/30 WHITE SAND, 8,371# SUPER LC SAND
4800 TO 5000	ACIDIZE W/3,500 GALS 15% ACID
4800 TO 5000	FRAC W/ 125,074 GALS GEL, 154,400# 16/30 WHITE SAND, 28,780# SUPER LC 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
07/20/2009	07/20/2009	24	→	90.0	10.0	800.0	37.2	0.60
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	→	90	10	800	111	POW

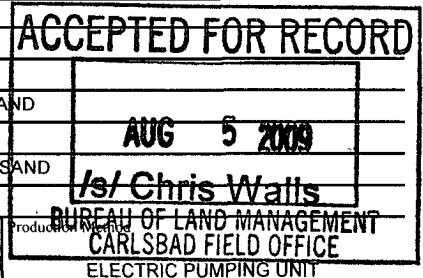
## 28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
07/20/2009	07/20/2009	24	→	90.0	10.0	800.0	37.2	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	→	90	10	800		POW	

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

ELECTRONIC SUBMISSION #72431 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* 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 QUEEN SAN ANDRES GLORIETA YESO TUBB	1234 2128 2851 4291 4372 5818		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND	YATES QUEEN SAN ANDRES GLORIETA YESO	1234 2128 2851 4291 4372

## 32. Additional remarks (include plugging procedure)

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

5070-5270 ACIDIZE W/2,500 GALS 15% ACID.

6250 - 6050 FRAC W/ 124,020 GALS GEL, 152,252# 16/30 Ottawa SAND, 28,417# Super LC sand.

6320 - 6520 ACIDIZE W/2,500 GALS 15% ACID.

6320 - 6520 FRAC W/124,183 GALS GEL, 145,483# 16/30 Ottawa SAND, 26,958# Super LC 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 #72431 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 07/23/2009 (09KMS1842SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/23/2009

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 \*\***