

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
OCD Hobbs  
FEB 21 2011  
HOBBSOCD

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. BC FEDERAL 49		
Contact: CHASITY JACKSON E-Mail: cjackson@conchoresources.com			9. API Well No. 30-025-39467		
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701			10. Field and Pool, or Exploratory MALJAMAR; YESO, WEST		
3a. Phone No (include area code) Ph: 432-686-3087			11. Sec, T, R, M, or Block and Survey or Area Sec 19 T17S R32E Mer		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface Lot A 1205FNL 330FEL  At top prod interval reported below Lot A 1205FNL 330FEL  At total depth Lot H 1657FNL 381FEL			12. County or Parish LEA		
			13. State NM		
14. Date Spudded 12/10/2010		15. Date T.D. Reached 12/21/2010		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/16/2011	
17. Elevations (DF, KB, RT, GL)* 3968 GL					
18. Total Depth MD 7044 TVD 7044		19. Plug Back T.D. MD 6990 TVD 6990		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 type="checkbox"/> No <input checked="" 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		680		650			
11 000	8.625 J55	32.0		2135		700			
7.875	5.500 L80	17.0		7044		1100			

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	6548							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) PADDOCK	5366	5470	5366 TO 5470	0.410	17	OPEN
B) BLINEBRY	6050	6250	6050 TO 6250	0.410	26	OPEN
C) BLINEBRY	6320	6520	6320 TO 6520	0.410	26	OPEN
D) BLINEBRY	6590	6790	6590 TO 6790	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
5366 TO 5470	ACIDIZE W/3,000 GALS 15% ACID
5366 TO 5470	FRAC W/92,000 GALS GEL, 82,837# 16/30 WHITE SAND, 17,692# 16/30 SIBERPROP
6050 TO 6250	ACIDIZE W/2,500 GALS 15% ACID
6050 TO 6250	FRAC W/116,000 GALS GEL, 148,474# 16/30 WHITE SAND, 34,827# 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
01/18/2011	01/18/2011	24	→	144.0	52.0	50.0	37.8		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	→					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

FEB 14 2011

/s/ Dustin Winkler

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #102165 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

JUL 14 2011

## 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 )  
CAPTURED

## 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	2001		DOLOMITE & SAND	DOLOMITE & SAND	2001
QUEEN	2988		SAND	SAND	2988
SAN ANDRES	3759		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3759
GLORIETA	5264		DOLOMITE & SAND	DOLOMITE & SAND	5264
YESO	5361		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	5361
TUBB	6826		SAND	SAND	6826

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

44 ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED

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

6230-6520 FRAC W/112,000 GALS GEL, 142,016# 16/30 WHITE SAND, 35,051# 16/30 SIBERPROP.

6590-6790 ACIDIZE W/3,500 GALS ACID

6590-6790 FRAC W/113,000 GALS GEL, 148,474# 16/30 WHITE SAND, 36,415# 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 #102165 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 02/07/2011

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.

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