

HOBBS OCD

Form 3160-4  
(August 2004)

MAY 06 2011

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029509B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
COG OPERATING LLC  
 Contact: CHASTITY JACKSON  
 E-Mail: cjackson@conchoresources.com

8. Lease Name and Well No.  
JC FEDERAL 41

3. Address 550 WEST TEXAS AVENUE SUITE 100  
MIDLAND, TX 79701-4287

3a. Phone No. (include area code)  
Ph: 432-686-3087

9. API Well No.  
30-025-39859-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

Sec 22 T17S R32E Mer NMP  
At surface NENE 990FNL 330FEL

10. Field and Pool, or Exploratory  
MALJAMAR - YES, W - KZ  
 11. Sec., T., R., M., or Block and Survey  
or Area Sec 22 T17S R32E Mer NMP

At top prod interval reported below

At total depth

12. County or Parish  
LEA 13. State  
NM

14. Date Spudded  
02/18/2011

15. Date T.D. Reached  
03/02/2011

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
03/25/2011

17. Elevations (DF, KB, RT, GL)\*  
4017 GL

18. Total Depth: MD 7140  
TVD 7140

19. Plug Back T.D.: MD 7082  
TVD 7082

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATEDNEUT

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
 Was DST run? ☒ No ☐ Yes (Submit analysis)  
 Directional Survey? ☒ No ☐ 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0		909		600			
11.000	8.625 J55	32.0		2142		600			
7.875	5.500 L80	17.0		7132		1650			
17.500	13.375 H-40	48.0	0	909		650		0	
11.000	8.625 J-55	24.0	0	2100	959	1200		0	
7.875	5.500 J-55	15.5	0	7100	2150	1800		1900	

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	6726							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5550 TO 5675	0.000	26	OPEN
B) PADDOCK	5550	5675	6060 TO 6260	0.000	26	OPEN
C) BLINEBRY	6620	6820	6350 TO 6550	0.000	26	OPEN
D)			6620 TO 6820	0.000	26	OPEN

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

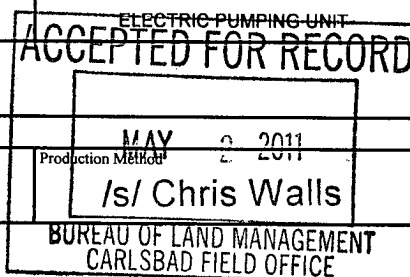
Depth Interval	Amount and Type of Material
5550 TO 5675	ACIDIZE W/3,700 GALS 15% ACID.
5550 TO 5675	FRAC W/127,286 GALS GEL, 144,725# 16/30 OTTAWA SAND, 19,952# 16/30 SIBERPROP.
6060 TO 6260	ACIDIZE W/3,500 GALS 15% ACID.
6060 TO 6260	FRAC W/148,622 GALS GEL, 182,981# 16/30 OTTAWA SAND, 38,560# 16/30 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
03/29/2011	04/02/2011	24	→	91.0	160.0	369.0	39.0		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		70.0	→	91	160	369		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. SI	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 #106816 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

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## 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	2201		DOLOMITE & SAND		
QUEEN	3174		SAND		
SAN ANDRES	3948		DOLOMITE & ANHYDRITE		
GLORIETTA	5445		DOLOMITE & SAND		
YESO	5528		DOLOMITE & ANHYDRITE		
TUBB	6922		SAND		

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

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

6350-6550 ACIDIZE W/3,500 GALS 15% ACID.

6350-6550 FRAC W/100,571 GALS GEL, 83,640# 16/30 OTTAWA SAND, 24,158# 16/30 SIBERPROP.

6620-6820 ACIDIZE W/3,500 GALS 15% ACID.

6620-6820 FRAC W/91,118 GALS GEL, 71,183# 16/30 OTTAWA SAND, 18,976# 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 #106816 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 04/20/2011 (11KMS0631SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 04/20/2011

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 \*\***