

HOBBS OCD

OCD - Hobbs

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 18 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No.
NMLC029405B

RECEIVED

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: CHASITY JACKSON
E-Mail: cjackson@conchoresources.com

8. Lease Name and Well No.
GC FEDERAL 51

3 Address 550 WEST TEXAS AVENUE SUITE 1300
MIDLAND, TX 79701-4287

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

9 API Well No
30-025-40005-00-S1

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

At surface SWSE 330FSL 2310FEL

At top prod interval reported below SWSE Lot O 330FSL 2310FEL

At total depth SWSE Lot O 330FSL 2310FEL

10. Field and Pool, or Exploratory
MALJAMAR

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T17S R32E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
05/22/2011

15. Date T.D. Reached
05/30/2011

16. Date Completed
☐ D & A ☒ Ready to Prod.
06/23/2011

17. Elevations (DF, KB, RT, GL)*
3922 GL

18. Total Depth. MD 7041
TVD 7041

19. Plug Back T.D.: MD 6980
TVD 6980

20. Depth Bridge Plug Set: MD
TVD

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

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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	745		650		0	
11.000	8.625 J-55	32.0	0	2115		950		0	
7.875	5.500 L-80	17.0	0	7036		1150		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	6452							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) PADDOCK	5260	5430	5260 TO 5430	0.000	26	OPEN, Paddock
B) BLINEBRY	6540	6740	5760 TO 5980	0.000	26	OPEN, Upper Blinebry
C)			6180 TO 6380	0.000	26	OPEN, Middle Blinebry
D)			6470 TO 6670	0.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5260 TO 5430	ACIDIZE W/3,544 GALS 15% ACID.
5260 TO 5430	FRAC W/114,043 GALS GEL, 115,011# 16/30 WHITE SAND, 21,619 16/30 SIBERPROP
5760 TO 5980	ACIDIZE W/3,533 GALS 15% ACID.
5760 TO 5980	FRAC W/123,872 GALS GEL, 142,651# 16/30 WHITE SAND, 26,862# 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
07/24/2011	07/25/2011	24	→	86.0	20.0	358.0	36.0		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	→	86	20	358			

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	
			→						

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

ELECTRONIC SUBMISSION #114349 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

PETROLEUM ENGINEER

AUG 22 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.)
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	1965		DOLOMITE & SAND	YATES	1965
SAN ANDRES	3750		SAND	TUBB	3750
GLORIETTA	5198		DOLOMITE & SAND	SAN ANDRES	5256
YESO	5256		DOLOMITE & ANHYDRITE		
TUBB	6739		SAND		

32. Additional remarks (include plugging procedure):

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

6180-6380 ACIDIZE W/3,795 GALS 15% ACID.

6180-6380 FRAC W/125,068 GALS GEL, 144,380# 16/30 WHITE SAND, 28,927# 16/30 SIBERPROP.

6470-6670 ACIDIZE W/3,558 GALS 15% ACID.

6470-6670 FRAC W/120,550 GALS GEL, 148,154# 16/30 WHITE SAND, 29,307# 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 #114349 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/03/2011 (11DLM0650SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 08/02/2011

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 ****