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Form 3160-4
(August 2007)

SEP 08 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBSOCD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD Hobbs

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

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			5 Lease Serial No. NMLC029509A		
b Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr Other			6 If Indian, Allottee or Tribe Name		
2 Name of Operator COG OPERATING LLC			Contact KANICIA CARRILLO E-Mail kcarrillo@conchoresources.com		
3 Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701			3a Phone No (include area code) Ph: 432-685-4332		
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE 1160FSL 1430FEL 32 84490 N Lat, 103 97108 W Lon At top prod interval reported below Sec 21 T17S R32E Mer NMP At total depth NWSE 1050FSL 1050FEL 1664/5 & 1662 1/2 Unit 5			7 Unit or CA Agreement Name and No.		
14 Date Spudded 07/09/2009			15 Date T D Reached 07/22/2009		
16 Date Completed ☐ D & A ☒ Ready to Prod. 08/18/2009			8 Lease Name and Well No MC FEDERAL 33		
18 Total Depth. MD 7138 TVD 7099			19 Plug Back T D: MD 6798 TVD 6760		
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 Cementer Depth	No. of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 500	13 375 H40	48.0	0	835		700		0	0
11 000	8 625 J55	32.0	0	2105		700		0	0
7.875	5.500 J55	17.0	0	7120		1200		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	6730							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) YESO			5492 TO 5614	0.000	36	OPEN
B) PADDOCK	5492	5614	6070 TO 6270	0.000	36	OPEN
C) BLINEBRY	6610	6810	6340 TO 6540	0.000	36	OPEN
D)			6610 TO 6810	0.000	48	OPEN

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
5492 TO 5614	ACIDIZE W/3000 GALS 15% ACID
5492 TO 5614	FRAC W/104,000 GALS GEL, 106,271# 16/30 BASF SAND, 24,205# 16/30 SIBERPROP SAND
5492 TO 5614	3000 GALS
5492 TO 5614	104000GALS GEL, 106271# 16/30 BASF SAND, 24205 # 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
08/24/2009	08/25/2009	24	→	131.0	298.0	284.0	35.9	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	→	131	298	284	2275	POW	

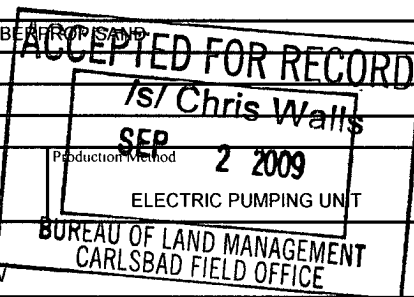
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
08/24/2009	08/25/2009	24	→	131.0	298.0	284.0	35.9	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	→	131	298	284		POW	

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

ELECTRONIC SUBMISSION #73722 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.)

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 GLORIETTA YESO TUBB	2145 3121 3888 5415 5466 6945		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

32 Additional remarks (include plugging procedure):

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

6340 - 6540 ACIDIZE W/2,500 GALS 15% ACID.

6340 - 6540 FRAC W/ 114,000 GALS GEL, 143,971# 16/30 BASF Sand, 30,762# 16/30 Siberprop sand

6610 - 6810 Acidize w/2,500 gals acid

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 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)

Electronic Submission #73722 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 08/27/2009 (09KMS1046SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/27/2009

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 **

Additional data for transaction #73722 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6070 TO 6270	ACIDIZE W/2500 GALS 15% ACID
6070 TO 6270	FRAC W/ 114,000 GALS GEL, 142,689# 16/30 BASF SAND, 34,558# 16/30 SIBERPROP SAND
6340 TO 6540	114000 GALS GEL, 146689# 16/30 BASF SAND, 34588# 16/30 SIBERPROP
6340 TO 6540	2500 GALS
6610 TO 6810	114000 GALS GEL, 144025# 16/30 BASF SAND, 37424# 16/30 SIBERPROP
6610 TO 6810	2500 GALS

32. Additional remarks, continued

6610 - 6810 Frac w/114,000 gals gel, 144,025# 16/30 BASF sand, 37,424# 16/30 Siberprop sand