

EC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
OCD Hobbs

NOV 17 2009

HOBBESOLD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name..		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ 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 25		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701			9. API Well No 30-025-38744		
3a. Phone No. (include area code) Ph 432-685-4332			10. Field and Pool, or Exploratory MALJAMAR		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 990FNL 2310FEL At top prod interval reported below 990FNL 2310FEL At total depth 990FNL 2310FEL			11. Sec. T., R., M., or Block and Survey or Area Sec 20 T17S R32E Mer		
14. Date Spudded 09/09/2009			15. Date T.D. Reached 09/18/2009		
16. Date Completed ☐ D & A ☒ Ready to Prod. 10/11/2009			17. Elevations (DF, KB, RT, GL)* 4007 GL		
18. Total Depth: MD 7024 TVD 7024		19. Plug Back T.D. MD 6954 TVD 6954		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON			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	711		600		0	0
11.000	8.625 J55	32.0	0	2140		700		0	0
7.875	5.500 L80	17.0	0	7014		1000		0	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	6563							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) PADDOCK	5390	5510	5390 TO 5510	0.410	18	OPEN
B) BLINEBRY	6030	6230	6030 TO 6230	0.410	18	OPEN
C) BLINEBRY	6300	6500	6300 TO 6500	0.410	18	OPEN
D) BLINEBRY	6570	6770	6570 TO 6770	0.410	24	OPEN

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

Depth Interval	Amount and Type of Material
5390 TO 5510	ACIDIZE W/3,000 GALS 15% ACID.
5390 TO 5510	FRAC W/ 112,840 GALS GEL, 131,437# 16/30 BASF SAND, 34,063# 16/30 SUPER LC.
6030 TO 6230	ACIDIZE W/4,500 GALS 15% ACID
6030 TO 6230	FRAC W/ 114,309 GALS GEL, 154,554# 16/30 BASF SAND, 25,770# 16/30 SUPER LC.

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
10/14/2009	10/15/2009	24	→	179.0	356.0	790.0	38.8	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	→					POW	

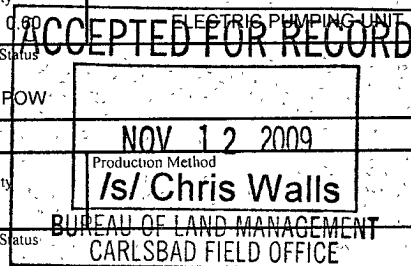
28a. Production - Interval B

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	
			→						

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

ELECTRONIC SUBMISSION #76253 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



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	2073		DOLOMITE & SAND	DOLOMITE & SAND	2073
QUEEN	3043		SAND	SAND	3043
SAN ANDRES	3797		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3797
GLORIETA	5302		SAND & DOLOMITE	SAND & DOLOMITE	5302
YESO	5384		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	5384
TUBB	6855		SAND	SAND	6855

32. Additional remarks (include plugging procedure):

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

6300-6500 ACIDIZE W/4,500 GALS 15% ACID

6300-6500 FRAC W/ 116,405 GALS GEL, 146,847# 16/30 BASF SAND, 35,526# 16/30 SUPER LC

6570-6770 ACIDIZE W/3,500 GALS 15% ACID

6570-6770 FRAC W/116,055 GALS GEL, 145,503# 16/30 BASF SAND, 31,402# 16/30 SUPER LC.

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 #76253 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/26/2009

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

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