

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 04 2009

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBSOUD

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 JC FEDERAL 10	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-38731-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 22 T17S R32E Mer NMP At surface NWNE 530FNL 1650FEL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory MALJAMAR; Paddock - 11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP 12. County or Parish LEA 13. State NM	
14. Date Spudded 12/06/2008	15. Date T.D. Reached 12/22/2008	16. Date Completed ☐ D & A 01/16/2009 ☒ Ready to Prod.	17. Elevations (DF, KB, RT, GL)* 4014 GL
18. Total Depth: MD TVD 6999	19. Plug Back T.D.: MD TVD 6918	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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	836		600		0	0
11.000	8.625 J55	32.0	0	2177		700		0	0
7.875	5.500 L80	17.0	0	6999		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	6984							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5494 TO 5620		36	OPEN
B) BLINEBRY	6600	6800	6060 TO 6260		36	OPEN
C)			6330 TO 6530		36	OPEN
D)			6600 TO 6800		48	OPEN

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

Depth Interval	Amount and Type of Material
5494 TO 5620	ACIDIZE W/72 BBLS ACID
5494 TO 5620	FRAC W/2711 BBLS GEL, 102,858# 16/30 SAND
6060 TO 6260	ACIDIZE W/60 BBLS ACID
6060 TO 6260	FRAC W/3364 BBLS GEL, 189,765# 16/30 SAND

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
01/15/2009	01/25/2009	24	→	80.0	98.0	246.0	39.6		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	→	80	98	246	1225	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
01/15/2009	01/25/2009	24	→	80.0	98.0	246.0	39.6	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	
		70.0	→	80	98	246		POW	

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

ELECTRONIC SUBMISSION #67297 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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 Cont. 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 Cont. 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 YESO	2173 3128 3909 5490		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure)
Logs will be mailed

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

6330 - 6530 Acidize w/60 bbls acid
6330 - 6530 Frac w/3420 bbls gel, 186,376# 16/30 sand
6600 - 6800 Acidize w/60 bbls acid
6600 - 6800 Frac w/3345 bbls gel, 186,483# 16/30 sand.

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 #67297 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 02/18/2009 (09KMS0464SE)

Name (please print) ROBYN ODOM

Title AGENT

Signature (Electronic Submission)

Date 02/13/2009

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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Additional data for transaction #67297 that would not fit on the form

32. Additional remarks, continued