

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

RECEIVED

SEP 22 2009

HOBBSD

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			5 Lease Serial No NMLC029509B		
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			8 Lease Name and Well No JC FEDERAL 30		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701			9 API Well No 30-025-39168		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot P 330FSL 1130FEL At top prod interval reported below Lot P 330FSL 1130FEL At total depth Lot P 330FSL 1130FEL			10. Field and Pool, or Exploratory MALJAMAR, YESO, WEST 44500 11. Sec, T, R, M, or Block and Survey or Area Sec 21 T17S R32E Mer 12 County or Parish LEA 13 State NM 17. Elevations (DF, KB, RT, GL)* 4022 GL		
14. Date Spudded 07/25/2009		15. Date T.D. Reached 08/04/2009		16. Date Completed ☐ D & A ☒ Ready to Prod. 08/31/2009	
18. Total Depth: MD 7120 TVD 7120		19. Plug Back T.D. MD 7040 TVD 7040		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	837		600		0	0
11.000	8.625 J55	32.0	0	2118		700		0	0
7.875	5 500 L80	17.0	0	7108		1200		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	6588							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	6090	6290	6090 TO 6290	0.410	26	OPEN
B) BLINEBRY	6360	6560	6360 TO 6560	0.410	26	OPEN
C) BLINEBRY	6650	6850	6650 TO 6850	0.410	29	OPEN
D)						

26. Perforation Record

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

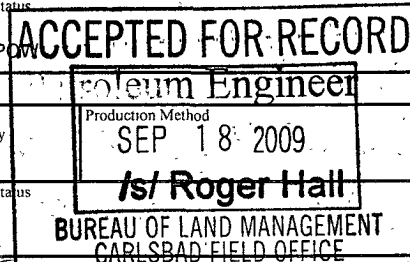
Depth Interval	Amount and Type of Material
6090 TO 6290	ACIDIZE W/2500 GALS 15% ACID.
6090 TO 6290	FRAC W/121,178 GALS GEL, 139,972# 16/30 OTTAWA SAND, 29,753# 16/30 SIBERPROP SAND
6360 TO 6560	ACIDIZE W/3,500 GALS 15% ACID.
6360 TO 6560	FRAC W/ 124,673 GALS GEL, 147,732# 16/30 OTTAWA SAND, 29,758# 16/30 SIBERPROP 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
09/11/2009	09/12/2009	24	→	212.0	180.0	294.0	37.5	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	→						

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 #74424 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	2157		DOLOMITE & SAND	DOLOMITE & SAND	2157
QUEEN	3128		SAND	SAND	3128
SAN ANDRES	3883		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3883
GLORIETA	5417		SAND & DOLOMITE	SAND & DOLOMITE	5417
YESO	5485		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	5485
TUBB	6943		SAND	SAND	6943

32 Additional remarks (include plugging procedure):

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

6650-6850 ACIDIZE W/3,500 GALS 15% ACID

6650-6850 FRAC W/ 124,123 GALS GEL, 147,665# 16/30 OTTAWA SAND, 30,343# 16/30 SIBERPROP 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 #74424 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 09/17/2009

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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