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OCD Hobbs

Form 3160-4
(August 2007)

AUG 23 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBSOCD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB No 1004-0137
Expires July 31, 20105. Lease Serial No.
NMLC029509A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

8. Lease Name and Well No.
MC FEDERAL 389. API Well No.
30-025-39292-00-S110. Field and Pool, or Exploratory
MALJAMAR 450 W
11. Sec., T., R., M., or Block and Survey
or Area Sec 21 T17S R32E Mer NMP12. County or Parish
LEA
13. State
NM17. Elevations (DF, KB, RT, GL)*
4026 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
COG OPERATING LLC
Contact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com3. Address 550 W TEXAS AVE SUITE 1300
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-685-4332

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

At surface Sec 21 T17S R32E Mer NMP
NWSW 2310FSL 815FWL 32.81919 N Lat, 103.77741 W Lon

At top prod interval reported below

At total depth

14. Date Spudded
05/19/201015. Date T.D. Reached
05/28/201016. Date Completed
☐ D & A ☒ Ready to Prod.
06/16/201018. Total Depth: MD 7035
TVD 703519. Plug Back T.D.: MD 6840
TVD 684020. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT22. 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	752		650		0	0
11.000	8.625 J55	32.0	0	2117		600		0	0
7.875	5.500 N80	17.0	0	7035		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	6616							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5390 TO 5510	0.000	21	OPEN
B) PADDOCK	5390	5510	6100 TO 6300	0.000	26	OPEN
C) BLINEBRY	6100	6840	6370 TO 6570	0.000	26	OPEN
D)			6640 TO 6840	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5390 TO 5510	ACIDIZE W/2,500 GALS 15% ACID.
5390 TO 5510	FRAC W/101,000 GALS GEL, 106,713# 16/30 WHITE SAND, 19,535# 16/30 CRC SAND
6100 TO 6300	ACIDIZE W/2,500 GALS 15% ACID
6100 TO 6300	FRAC W/117,000 GALS GEL, 149,889# 16/30 WHITE SAND, 30,673# 16/30 CRC 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
06/26/2010	07/02/2010	24	→	99.0	341.0	404.0	37.3	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	→	99	341	404	3444	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
06/26/2010	07/02/2010	24	→	99.0	341.0	404.0	37.3	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	→	99	341	404		POW	

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

ELECTRONIC SUBMISSION #89832 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD
AUG 13 2010
/s/ Roger Hall
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNIT

AUG 23 2010

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	2103 3069 3825 5327 5435 6900		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE SAND		

32. Additional remarks (include plugging procedure):

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

6370 - 6570 ACIDIZE W/3,500 GALS 15% ACID.

6370 - 6570 Frac w/ 116,000 gals gel, 149,237# 16/30 White sand, 31,145# 16/30 CRC sand.

6640 - 6840 ACIDIZE W/2,500 GALS 15% ACID.

6640 - 6840 FRAC W/117,000 gals gel, 146,732# 16/30 White sand, 31,117# 16/30 CRC 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 #89832 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 07/20/2010 (10KMS0669SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/20/2010

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 ****