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Form 3160-4
(August 2007)

JUL 23 2009

HOBBSOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6 If Indian, Allottee or Tribe Name	
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> 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 35	
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9 API Well No 30-025-39021-00-S1	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 19 T17S R32E Mer NMP At surface SWNW 2510FNL 330FWL 32.82041 N Lat, 103 81291 W Lon At top prod interval reported below Sec 19 T17S R32E Mer NMP At total depth SWNW 2300FNL 378FWL		10. Field and Pool, or Exploratory MALJAMAR	
14. Date Spudded 04/28/2009		15. Date T.D Reached 05/11/2009	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/02/2009		17 Elevations (DF, KB, RT, GL)* 3931 GL	
18. Total Depth MD 6825 TVD 6825		19. Plug Back T.D.: MD 6730 TVD 6730	
20 Depth Bridge Plug Set. MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			

23 Casing and Linc 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 J-55	48.0	0	639		600		0	
11 000	8 625 K-55	32.0	0	2102		700		0	
7.875	5 500 L-80	17.0	0	6825		1100		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	6370							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			5860 TO 6060	0 000	36	OPEN
B) BLINEBRY	5860	6600	6130 TO 6330	0 000	36	OPEN
C)			6400 TO 6600	0.000	48	OPEN
D)						

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

Depth Interval	Amount and Type of Material
5860 TO 6060	ACIDIZE W/2500 GALS 15% ACID
5860 TO 6060	FRAC W/116,814 GALS GEL, 130,932# 16/30 BASF SAND, 35,249# 16/30 CRC SAND
6130 TO 6330	ACIDIZE W/3500 GALS 15% ACID
6130 TO 6330	FRAC W/122,704 GALS GEL, 146,438# 16/30 BASF SAND, 31,737# 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
06/07/2009	06/08/2009	24	→	170 0	76 0	277 0	41 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	→	170	76	277	447	POW	

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

ELECTRONIC SUBMISSION #71028 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT

JUL 17 2009

Chris Walker

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 YESO	1950 2924 3678 5285		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE	YATES QUEEN SAN ANDRES YESO	1950 2924 3678 5285

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

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

6400 - 6600 ACIDIZE W/ 3500 GALS 15% ACID.

6400 - 6600 FRAC W/122,530 GALS GEL, 145,347# 16/30 BASF sand, 35,868# 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 #71028 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 06/17/2009 (09KMS0842SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 06/17/2009

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #71028 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6400 TO 6600	ACIDIZE W/ 3500 GALS 15% ACID
6400 TO 6600	FRAC W/ 122,530 GALS GEL, 145,347# 16/30 BASF SAND, 35,868# 16/30 SAND

32. Additional remarks, continued