

JUL 27 2009

RM

Form 3160-4
(August 2007)
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

OCD Artesia

 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. HOLDER CB FEDERAL 20		
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com					
3 Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701			9 API Well No. 30-015-36670-00-S1		
3a. Phone No (include area code) Ph. 432-685-4332					
4 Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 17 T17S R30E Mer NMP At surface NWNW 330FNL 330FWL 32.84078 N Lat, 104.00117 W Lon At top prod interval reported below At total depth			10 Field and Pool, or Exploratory LOCO HILLS		
			11 Sec, T, R, M., or Block and Survey or Area Sec 17 T17S R30E Mer NMP		
			12 County or Parish EDDY		13 State NM
14 Date Spudded 05/10/2009		15 Date T/D Reached 05/19/2009	16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 06/10/2009		17 Elevations (DF, KB, RT, GL)* 3657 GL
18 Total Depth. MD 5920 TVD 5920		19 Plug Back T/D MD 5871 TVD 5871		20 Depth Bridge Plug Set MD TVD	
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT				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 checked="" type="checkbox"/> No <input type="checkbox"/> 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 H-40	48.0	0	425		928		0	
11 000	8 625 K55	32.0	0	1250		500		0	0
7 875	5 500 L80	17.0	0	5920		1100		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	5477							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) GLORIETA-YESO			4294 TO 4550	0 410	29	OPEN
B) PADDOCK	4294	4550	4780 TO 4980	0 410	36	OPEN
C) BLINEBRY	5320	5520	5050 TO 5250	0 410	36	OPEN
D)			5320 TO 5520	0.410	48	OPEN

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

Depth Interval	Amount and Type of Material
4294 TO 4550	ACIDIZE W/2500 GALS 15% ACID
4294 TO 4550	FRAC W/110,000 GALS GEL, 125,200# BASF, 26,800# CRC
4780 TO 4980	ACIDIZE W/2500 GALS 15% ACID
4780 TO 4980	FRAC W/116,000 GALS GEL, 148,400# BASF, 31700# CRC

28. Production - Interval A

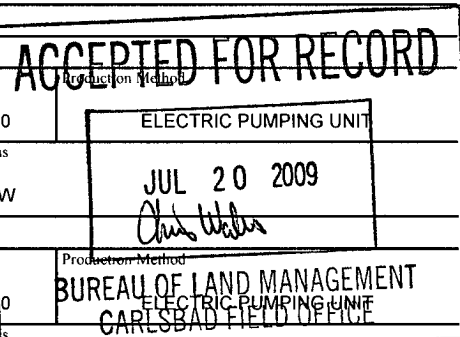
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity
06/14/2009	06/15/2009	24	→	103 0	163 0	815 0	36 8	0 60
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
	70	70 0	→	103	163	815	1583	POW

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity
06/14/2009	06/15/2009	24	→	103 0	163 0	815 0	36 8	0 60
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	→	103	163	815		POW

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

ELECTRONIC SUBMISSION #71020 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



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	1165		DOLOMITE & SAND	YATES	1165
QUEEN	2055		SAND	QUEEN	2055
SAN ANDRES	2765		DOLOMITE & ANHYDRITE	SAN ANDRES	2765
GLORIETA	4205		SAND & DOLOMITE	GLORIETA	4205
YESO	4285		DOLOMITE & ANHYDRITE	YESO	4285
TUBB	5735		SAND	TUBB	5735

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

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

5050-5250 ACIDIZE W/2,500 GALS 15% ACID.
 5050-5250 FRAC W/116,000 GALS GEL, 145,200# BASF, 32,600# CRC.

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 #71020 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 06/17/2009 (09KMS1608SE)

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 #71020 that would not fit on the form

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

Depth Interval	Amount and Type of Material
5050 TO 5250	ACIDIZE W/ 2,500 GALS 15% ACID
5050 TO 5250	FRAC W/ 116,000 GALS GEL, 145,200 # BOSF, 32600# CRC
5320 TO 5520	ACIDIZE W/ 2,500 GALS 15% ACID
5320 TO 5520	FRAC W/ 116,000 GALS GEL, 145,500# BASF, 35,600# CRC

32. Additional remarks, continued

5320-5520 ACIDIZE W/2,500 GALS 15% ACID
5320-5520 FRAC W/ 116,000 GALS GEL, 145,500# BASF, 35,600# CRC