

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 31 2009

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

WELL COMPLETION OR RECOMPLETION REPORT

5 Lease Serial No
NMLC029509B

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 JC FEDERAL 12		
3 Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701			9 API Well No 30-025-38696-00-S1		
3a Phone No. (include area code) Ph. 432-685-4385			10 Field and Pool, or Exploratory MALJAMAR, Yes, West 2445007		
4 Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 22 T17S R32E Mer NMP At surface NENE 990FNL 990FEL At top prod interval reported below At total depth			11 Sec., T, R, M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP		
14 Date Spudded 01/24/2009			15 Date T.D. Reached 02/05/2009		
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 03/02/2009			17 Elevations (DF, KB, RT, GL)* 4017 GL		
18 Total Depth MD 7000 TVD 6998			19 Plug Back T.D. MD 6924 TVD		
20 Depth Bridge Plug Set MD TVD			21 Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT		
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 Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	805		600		0	
11.000	8.625 J-55	32.0	0	2229		700		0	
7.875	5.500 L-80	17.0	0	6998		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	6540							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO			5512 TO 5626		36	OPEN
B) PADDOCK	5512	5626	6030 TO 6230		36	OPEN
C) BLINEBRY	6600	6800	6300 TO 6500		36	OPEN
D)			6600 TO 6800		48	OPEN

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
5512 TO 5626	ACIDIZE W/72 BBLS ACID
5512 TO 5626	FRAC W/2789 BBLS GEL, 134,582# 16/30 SAND
6030 TO 6230	ACIDIZE W/60 BBLS ACID
6030 TO 6230	FRAC W/3182 BBLS GEL, 179,747# 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
03/12/2009	03/12/2009	24	→	298.0	67.0	438.0	38.8		ELECTRIC PUMPING UNIT
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
		70.0	→	298	67	438	225	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
03/12/2009	03/12/2009	24	→	298.0	67.0	438.0	38.8	0.60	ELECTRIC PUMPING UNIT
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
		70.0	→	298	67	438	225	POW	

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

ELECTRONIC SUBMISSION #68155 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 Hwg 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 Hwg 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	1345 2255 2975 4495		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE DOLOMITE & ANHYDRITE		

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

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

6300 - 6500 Acidize w/60 bbls acid
6300 - 6500 Frac w/3090 bbls gel, 178,408# 16/30 sand
6600 - 6800 Acidize w/60 bbls acid.
6600 - 6800 Frac w/3225 bbls gel, 180,129# 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 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)

Electronic Submission #68155 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 03/18/2009 (09KMS0575SE)

Name (please print) ROBYN ODOM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/17/2009

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 #68155 that would not fit on the form

32. Additional remarks, continued