

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OGD

OCT 10 5 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMLC029405B	
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		7. Unit or CA Agreement Name and No.	
Contact: NETHA AARON E-Mail: oaaron@conchoresources.com		8. Lease Name and Well No GC FEDERAL 36	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		9. API Well No 30-025-40150-00-S1	
3a. Phone No (include area code) Ph: 432-818-2319		10. Field and Pool, or Exploratory MALJAMAR YESO, W	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 20 T17S R32E Mer NMP At surface NWSE Lot J 2012FSL 2240FEL 32 818310 N Lat, 103 786812 W Lon At top prod interval reported below Sec 20 T17S R32E Mer NMP At total depth NWSE 1651FSL 2292FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 20 T17S R32E Mer NMP	
14. Date Spudded 07/05/2011		15. Date T.D. Reached 07/22/2011	
16. Date Completed ☐ D & A ☒ Ready to Prod. 08/15/2011		17. Elevations (DF, KB, RT, GL)* 3991 GL	
18. Total Depth. MD 7151 TVD 7129		19. Plug Back T.D.. MD 7098 TVD 7076	
20. Depth Bridge Plug Set. MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT CCL GR	
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 H-40	48.0	0	780 699	- above	Restler 650		0	
11.000	8.625 J-55	32.0	0	2204 2030		600		0	
7 875	5.500 L-80	17.0	0	7141		1150		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6737							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5400	6780	5400 TO 5575	1.000	26	OPEN
B)			6040 TO 6240	1.000	26	OPEN
C)			6310 TO 6510	1.000	26	OPEN
D)			6580 TO 6780	1.000	26	OPEN

Depth Interval	Amount and Type of Material
5400 TO 5575	FRAC W/104,697 GALS GEL, 100,039# 16/30 BROWN SAND, 16,529# 16/30 SIBERPROP
5400 TO 5575	ACIDIZE W/3864 GALS 15% HCL
6040 TO 6240	FRAC W/124,798 GALS GEL, 145,556# 16/30 BROWN SAND, 31,202# 16/30 SIBERPROP
6040 TO 6240	ACIDIZE W/3500 GALS 15% HCL

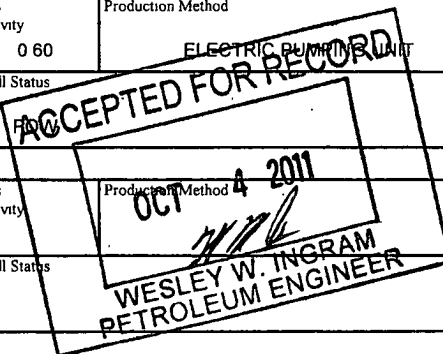
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
08/17/2011	08/18/2011	24	→	105.0	243.0	197.0	37.9	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70.0	→	105	243	197	2314		

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 #119154 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



OCT 11 2011

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
RUSTLER	710		ANHYDRITE	RUSTLER	710
TOP OF SALT	888		SALT	TOP OF SALT	888
TANSILL	1946		DOLOMITE	TANSILL	1946
YATES	2058		DOLOMITE & SAND	YATES	2058
SAN ANDRES	3790		SAND	SAN ANDRES	3790
YESO	4091		SAND & DOLOMITE	YESO	4091
GLORIETTA	5322		DOLOMITE & ANHYDRITE	GLORIETTA	5322

32 Additional remarks (include plugging procedure):

44. Acid, Fracture, Treatment, Cement Squeeze, etc CONTINUED...

6310 - 6510 Acidized w/3500 gals 15% HCL

6310 - 6510 Frac w/125,539 gals gel, 147,100# 16/30 Brown sand, 32,573# 16/30 SiberProp

6580 - 6780 Acidized w/3500 gals 15% HCL

6580 - 6780 Frac w/124,743 gals gel, 147,237# 16/30 Brown sand, 31,051#

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 #119154 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by WESLEY INGRAM on 10/04/2011 (12WWI0006SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 10/04/2011

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 #119154 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6310 TO 6510	ACIDIZE W/3500 GALS 15% HCL
6310 TO 6510	FRAC W/125,539 GALS GEL, 147,100# 16/30 BROWN SAND, 32,573# 16/30 SIBERPROP
6580 TO 6780	ACIDIZE W/3500 GALS 15% HCL
6580 TO 6780	FRAC W/124,743 GALS GEL, 147,237# 16/30 BROWN SAND, 31,051# 16/30 SIBERPROP

32. Additional remarks, continued

16/30 SiberProp

LOGS WILL BE MAILED