

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD Hobbs
HOBBS OCDFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 9 2012

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other										5. Lease Serial No. NMLC029509B	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other										6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC										7. Unit or CA Agreement Name and No.	
Contact: CHASITY JACKSON E-Mail: cjackson@concho.com										8. Lease Name and Well No. JC FEDERAL 54	
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287					3a. Phone No (include area code) Ph: 432-686-3087					9. API Well No. 30-025-39930-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 700FSL 445FWL At top prod interval reported below SWSW 700FSL 445FWL At total depth SWSW 700FSL 445FWL										10. Field and Pool, or Exploratory MALJAMAR	
11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP										12. County or Parish LEA	
13. State NM										17. Elevations (DF, KB, RT, GL)* 4046 GL	
14. Date Spudded 02/02/2012			15. Date T.D. Reached 02/11/2012			16. Date Completed ☐ D & A ☒ Ready to Prod. 02/28/2012					
18. Total Depth MD 7122 TVD 7122			19. Plug Back T.D.: MD 7066 TVD 7066			20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT MCFL HNGS										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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
17.500	13.375 H-40	48.0	0	924		650		0			
11.000	8.625 J-55	32.0	0	2132		600		0			
7.875	5.500 L-80	17.0	0	7122		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	6822										
25. Producing Intervals											
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status					
A) YESO	5550	6870	5550 TO 5700	0.000	26	OPEN, Paddock					
B)			6130 TO 6330	0.000	26	OPEN, Upper Blinebry					
C)			6400 TO 6600	0.000	26	OPEN, Middle Blinebry					
D)			6670 TO 6870	0.000	26	OPEN, Lower Blinebry					
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval	Amount and Type of Material										
5550 TO 5700	ACIDIZE W/1,500 GALS 15% ACID										
5550 TO 5700	FRAC W/97,000 GALS GEL, 94,735# 16/30 WHITE SAND, 15,444# CRC.										
6130 TO 6330	ACIDIZE W/1,500 GALS 15% ACID										
6130 TO 6330	FRAC W/116,000 GALS GEL, 144,657# 16/30 WHITE SAND, 27,958# CRC.										
28. Production - Interval A											
Date First Produced 03/03/2012	Test Date 03/04/2012	Hours Tested 24	Test Production →	Oil BBL 182.0	Gas MCF 201.0	Water BBL 332.0	Oil Gravity Corr API 38.0	Gas Gravity 0.60	Production Method ELECTRIC PUMPING UNIT		
Choke Size	Tbg Press Flwg SI	Csg Press 70.0	24 Hr Rate →	Oil BBL 182	Gas MCF 201	Water BBL 332	Gas Oil Ratio 1104	Well Status POW	ACCEPTED FOR RECORD		
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 MAY 5 2012		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE		

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

ELECTRONIC SUBMISSION #135167 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

MAY 10 2012

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	851		ANHYDRITE	RUSTLER	851
SALADO	1235		SALT	SALADO	1235
YATES	2183		SANDSTONE	YATES	2183
QUEEN	3155		DOLOMITE & SAND	QUEEN	3155
SAN ANDRES	3918		DOLOMITE & LIMESTONE	SAN ANDRES	3918
GLORIETTA	5451		SANDSTONE	GLORIETTA	5451
YESO	5526		DOLOMITE & ANHYDRITE	YESO	5526
TUBB	6969		SANDSTONE & DOLOMITE	TUBB	6969

32. Additional remarks (include plugging procedure):

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

6400-6600 ACIDIZE W/1,500 GALS 15% ACID

6400-6600 FRAC W/117,000 GALS GEL, 148,033# 16/30 WHITE SAND, 31,905# CRC.

6670-6870 ACIDIZE W/2,500 GALS 15% ACID.

6670-6870 FRAC W/122,000 GALS GEL, 146,635# 16/30 WHITE SAND, 29,089# CRC.

LOGS WILL BE MAILED.

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 #135167 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 04/12/2012 (12DLM0433SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 04/11/2012

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 **