

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTHOBBS OGD
OCD HobbsFORM-APPROVED
OMB No 1004-0137
Expires July 31, 2010

MAY 02 2012

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		RECEIVED	5. Lease Serial No. NMLC029509B	
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		Contact: CHASITY JACKSON E-Mail: cjackson@concho.com		7. Unit or CA Agreement Name and No.
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		3a. Phone No (include area code) Ph: 432-686-3087		8. Lease Name and Well No. JC FEDERAL 55
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 270FSL 1910FWL At top prod interval reported below SESW 270FSL 1910FWL At total depth SESW 270FSL 1910FWL		9. API Well No 30-025-39863-00-S1		10. Field and Pool, or Exploratory MALJAMAR
14. Date Spudded 01/31/2012		15. Date T.D. Reached 02/10/2012		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP
16. Date Completed 02/29/2012		17. Elevations (DF, KB, RT, GL)* 4003 GL		12. County or Parish LEA
18. Total Depth: MD 7130 TVD 7118		19. Plug Back T.D.: MD 7060 TVD 7060		13. State NM
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SPECTGRDSNEUTRO RCBL GR CCL		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	876		700		0	
11.000	8.625 J-55	32.0	0	2119		600		0	
7.875	5.500 L-80	17.0	0	7119	4005	1700		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	6573							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO	5540	6900	5540 TO 5740	0.000	26	OPEN, Paddock
B)			6105 TO 6330	0.000	26	OPEN, Upper Blinebry
C)			6390 TO 6615	0.000	26	OPEN, Middle Blinebry
D)			6675 TO 6900	0.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5540 TO 5740	ACIDIZE W/1,500 GALS 15% ACID
5540 TO 5740	FRAC W/91,195 GALS GEL, 98,499# 16/30 WHITE SAND, 10,603# CRC
6105 TO 6330	ACIDIZE W/1,500 GALS 15% ACID.
6105 TO 6330	FRAC W/114,672 GALS GEL, 147,132# 16/30 WHITE SAND, 31,984# CRC

RECLAMATION

DUE 8-29-12

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
03/09/2012	03/16/2012	24	→	281 0	314 0	224.0	38.0	0 60	FLOW FROM WELL
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
		70 0	→	281	314	224	1117		

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
			→						
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 #135527 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
FIELD OFFICE

MAY 03 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	838		ANHYDRITE	RUSTLER	838
SALADO	1201		SALT	SALADO	1201
YATES	2163		SANDSTONE	YATES	2163
QUEEN	3131		DOLOMITE & SAND	QUEEN	3131
SAN ANDRES	3916		DOLOMITE & LIMESTONE	SAN ANDRES	3916
GLORIETTA	5425		SANDSTONE	GLORIETTA	5425
YESO	5494		DOLOMITE & ANHYDRITE	YESO	5494
TUBB	6927		SANDSTONE & DOLOMITE	TUBB	6927

32. Additional remarks (include plugging procedure).

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

6390-6615 ACIDIZE W/1,500 GALS 15% ACID.

6390-6615 FRAC W/114,952 GALS GEL, 151,104# 16/30 WHITE SAND, 30,177# CRC.

6675-6900 ACIDIZE W/2,500 GALS 15% ACID.

6675-6900 FRAC W/116,556 GALS GEL, 151,767# 16/30 WHITE SAND, 25,707# 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 #135527 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 04/25/2012 (12DLM0466SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 04/16/2012

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 **