

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUL 15 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

2. Name of Operator
COG OPERATING LLC Contact: NETHA AARON
E-Mail: oaaaron@conchoresources.com

3. Address 550 WEST TEXAS AVENUE SUITE 1300
MIDLAND, TX 79701-4287 3a. Phone No. (include area code)
Ph: 432-818-2319

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 21 T17S R32E Mer NMP
At surface NWNE 310FNL 1650FEL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory
MALJAMAR

11. Sec., T., R., M., or Block and Survey
or Area Sec 21 T17S R32E Mer NMP

12. County or Parish
LEA 13. State
NM

14. Date Spudded
04/27/2011 15. Date T.D. Reached
05/07/2011 16. Date Completed
☐ D & A ☒ Ready to Prod
06/02/2011

17. Elevations (DF, KB, RT, GL)*
4021 GL

18. Total Depth: MD 7008
TVD 7008 19. Plug Back T.D.: MD 6932
TVD 6932 20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT 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	860		650		0	
11.000	8.625 J-55	32.0	0	2104		600		0	
7.875	5.500 L-80	17.0	0	7000		1300		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	6606							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5440	5615	5440 TO 5615	1.000	26	OPEN, Paddock
B) BLINEBRY	6530	6730	5990 TO 6190	1.000	26	OPEN, Upper Blinebry
C)			6260 TO 6460	1.000	26	OPEN, Middle Blinebry
D)			6530 TO 6730	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5440 TO 5615	ACIDIZED W/3000 GALS 15% HCL
5440 TO 5615	FRAC W/102,000 GALS GEL, 111,969# 16/30 WHITE SAND, 19,967# SIBERPROP
5990 TO 6190	ACIDIZED W/2500 GALS 15% HCL
5990 TO 6190	FRAC W/115,000 GALS GEL, 146,828# 16/30 WHITE SAND, 31,765# SIBERPROP

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
06/09/2011	06/12/2011	24	→	156.0	265.0	224.0	35.9	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	→	156	265	224		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
			→						
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 #112117 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

JUL 19 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JUL 11 2011

ACCEPTED FOR RECORD

0.60

Well Status

POW

SECTION - INTERVAL

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
		→					

SECTION - INTERVAL

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
YATES	2129		DOLOMITE & SAND	YATES	2129
QUEEN	3085		SAND	QUEEN	3085
SAN ANDRES	3831		DOLOMITE & ANHYDRITE	SAN ANDRES	3831
GLORIETTA	5345		SAND & DOLOMITE	GLORIETTA	5345
YESO	5423		DOLOMITE & ANHYDRITE	YESO	5423
TUBB	6872			TUBB	6872

32. Additional remarks (include plugging procedure):
 44. Acid, Fracture, Treatment, Cement Squeeze, etc. CONTINUED....
 6260 - 6460 Acidized w/2500 gals 15% HCL.
 6260 - 6460 Frac w/123,000 gals gel, 153,869# 16/30 White sand, 42,135# SiberProp

6530 - 6730 Acidized w/2500 gals 15% HCL.

ATTACHED DOCUMENTS:

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:	

DECLARATION: I, the undersigned, declare that the information is complete and correct as determined by me or the person to whom I have referred; see attached instructions.

Electronic Submission #112117 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 07/05/2011 (11KMS0870SE)

Name (please print) NETHA AARON Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 07/01/2011

I declare under penalty of perjury that the foregoing is true and correct. I am not aware of any person making any statement or representation 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 #112117 that would not fit on the form

32. Additional remarks, continued

6530 - 6730 Frac w/65,000 gals gel, 49,503# 16/30 White sand

LOGS WILL BE MAILED