

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD Artesia

RECEIVED
JAN 9 20125. Lease Serial No
NMLC0581811a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLC Contact: NETHA AARON
E-Mail: oaaron@conchoresources.com8. Lease Name and Well No.
BEECH FEDERAL 43. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-818-23199. API Well No.
30-015-39460-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NWSE 2310FSL 1650FEL 32.804054 N Lat, 104.228483 W Lon

At top prod interval reported below NWSE 2310FSL 1650FEL 32.804054 N Lat, 104.228483 W Lon

At total depth NWSE 2310FSL 1650FEL 32.804054 N Lat, 104.228483 W Lon

10. Field and Pool, or Exploratory
RED LAKE, GLORIETA-YESO11. Sec., T., R., M., or Block and Survey
or Area Sec 25 T17S R27E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
10/29/201115. Date T.D. Reached
11/04/201116. Date Completed
☐ D & A ☒ Ready to Prod
12/02/201117. Elevations (DF, KB, RT, GL)*
3565 GL18. Total Depth. MD 4770
TVD 477019. Plug Back T.D.. MD 4713
TVD 471320. Depth Bridge Plug Set MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPNEUTRONHNGS CCL22. 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	378		400		0	
11.000	8.625 J-55	24.0	0	1010		500		0	
7.875	5.500 J-55	17.0	0	4759		900		0	

Accepted for record

NMOCD 10/29/2012

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	4422							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO	3170	4500	3170 TO 3420	0.340	26	OPEN, Paddock
B)			3715 TO 3940	0.340	26	OPEN, Upper Blinbry
C)			3990 TO 4215	0.340	26	OPEN, Middle Blinbry
D)			4275 TO 4500	0.340	26	OPEN, Lower Blinbry

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

Depth Interval	Amount and Type of Material
3170 TO 3420	ACIDIZED W/1500 GALS 15% HCL
3170 TO 3420	FRAC W/101,249 GALS GEL, 113,109# 16/30 WHITE SAND, 11,500# 16/30 CRC
3715 TO 3940	ACIDIZED W/2250 GALS 15% HCL
3715 TO 3940	FRAC W/115,572 GALS GEL, 142,760# 16/30 WHITE SAND, 31,614# 16/30 CRC

RECLAMATION
DUE 6-2-12

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
12/07/2011	12/15/2011	24	→	93.0	110.0	693.0	40.1	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
N/A	SI	70.0	→	93	110	693	1183	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
			→						
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		→						

JAN 28 2012

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

ELECTRONIC SUBMISSION #128818 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
YATES	192		DOLOMITE & SAND	YATES	192
QUEEN	958		DOLOMITE & SAND	QUEEN	958
GRAYBURG	1389		SANDSTONE & DOLOMITE	GRAYBURG	1389
SAN ANDRES	1729		SAND	SAN ANDRES	1729
GLORIETA	3099		DOLOMITE & ANHYDRITE	GLORIETA	3099
YESO	3136		SAND & DOLOMITE	YESO	3136
TUBB	4603		DOLOMITE & SANDSTONE	TUBB	4603

32. Additional remarks (include plugging procedure)

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

3990 - 4215 Acidized w/2250 gals 15% HCL.
3990 - 4215 Frac w/115,767 gals gel, 147,386# 16/30 White sand,
32,031# 16/30 CRC

4275 - 4500 Acidized w/3250 gals 15% HCL.
4275 - 4500 Frac w/115,468 gals gel, 115,534# 16/30 White 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. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)

Electronic Submission #128818 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by JAMES (JIM) HUGHES on 01/24/2012 (12JLH0344SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/20/2012

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 **

Additional data for transaction #128818 that would not fit on the form

32. Additional remarks, continued

22,136# 16/30 CRC

LOGS WILL BE MAILED