Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM113927

1a. 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: CHASITY JACKSON — E-Mail: cjackson@concho.com

8. Lease Name and Well No.: NOOSE FEDERAL COM 2H

3. Address: ONE CONCHO CENTER 600 W ILLINOIS AVENUE, MIDLAND, TX 79701

3a. Phone No. (include area code): Ph: 432-686-3087

9. API Well No.: 30-015-41384-00-S1

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

At surface: SWSW 150FSL 1040FWL

At top prod interval reported below: SWSW 150FSL 1040FWL

At total depth: NWNW 352FNL 968FWL

10. Field and Pool, or Exploratory: N SEVEN RIVERS-GLOR-YESO

11. Sec., T., R., M., or Block and Survey or Area: Sec 35 T19S R25E Mer NMP

12. County or Parish: EDDY

13. State: NM

14. Date Spudded: 06/14/2013

15. Date T.D. Reached: 06/27/2013

16. Date Completed: ☐ D & A ☒ Ready to Prod. 07/29/2013

17. Elevations (DF, KB, RT, GL)*: 3478 GL

18. Total Depth: MD 7475 TVD 2889

19. Plug Back T.D.: MD 7419 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
N A

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
11.000	8.625 J-55	32.0	0	1102		1225		0	
7.875	5.500 L-80	17.0	0	7475		950		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	2452							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	YESO	3236	7400	3236 TO 7400	0.430	324	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
3236 TO 3560	ACIDIZE W/4004 GALS 15% NEFE. FRAC W/154,463 GALS GEL, 23,245 GALS WF, 16,418 GALS SW,
3236 TO 3560	216,153# 20/40 BROWN SAND, 30,236# 16/30 CRC, 5,182# 100 MESH.
3715 TO 4040	ACIDIZE W/4014 GALS 15% NEFE. FRAC W/159,798 GALS GEL, 22,546 GALS WF, 14,882 GALS SW,
3715 TO 4040	217,915# 20/40 BROWN SAND, 38,863# 16/30 CRC, 5,165# 100 MESH.

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
07/29/2013	07/31/2013	24	→	310.0	185.0	650.0	37.7	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
		70.0	→	310	185	650	597	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 #224846 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION
DUE 1-29-14

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

32. Additional remarks (include plugging procedure):
ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

4200 - 4514 ACIDIZE W/4023 GALS 15% NEFE. FRAC W/157,987 GALS GEL, 22,215 GALS WF, 23,064 GALS SW, 220,186# 20/40 BROWN SAND, 36,298# 16/30 CRC, 4,974# 100 MESH.

4680 - 5000 ACIDIZE W/4018 GALS 15% NEFE. FRAC W/158,031 GALS GEL, 22,564 GALS WF, 17,684 GALS SW, 220,458# 20/40 BROWN SAND, 37,727# 16/30 CRC, 5,015# 100 MESH.

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 #224846 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by JOHNNY DICKERSON on 11/08/2013 (14JLD1529SE)

Name *(please print)* CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 10/30/2013

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #224846 that would not fit on the form

32. Additional remarks, continued

5160 - 5480 ACIDIZE W/4007 GALS 15% NEFE. FRAC W/158,350 GALS GEL, 23,013 GALS WF, 19,724 GALS SW, 220,293# 20/40 BROWN SAND, 37,169# 16/30 CRC, 5,009# 100 MESH.

5640 - 5960 ACIDIZE W/4015 GALS 15% NEFE. FRAC W/158,045 GALS GEL, 23,379 GALS WF, 18,652 GALS SW, 223,556# 20/40 BROWN SAND, 33,843# 16/30 CRC, 5,685# 100 MESH.

6120 - 6440 ACIDIZE W/3932 GALS 15% NEFE. FRAC W/159,109 GALS GEL, 24,535 GALS WF, 19,519 GALS SW, 222,695# 20/40 BROWN SAND, 36,135# 16/30 CRC, 2,617# 100 MESH.

6600 - 6920 ACIDIZE W/4002 GALS 15% NEFE. FRAC W/160,341 GALS GEL, 24,439 GALS WF, 20,750 GALS SW, 220,404# 20/40 BROWN SAND, 38,102# 16/30 CRC, 4,835# 100 MESH.

7080 - 7400 ACIDIZE W/2011 GALS 15% NEFE. FRAC W/157,147 GALS GEL, 24,875 GALS WF, 11,580 GALS SW, 218,304# 20/40 BROWN SAND, 38,057# 16/30 CRC, 5,005# 100 MESH.