

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 18 2009

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM29281

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: ROBYN ODOM
E-Mail: rododom@conchoresources.com

8. Lease Name and Well No.
SCHLEY FED 13

3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II
MIDLAND, TX 79701
3a. Phone No. (include area code)
Ph: 432-685-4385

9. API Well No.
30-015-32244-00-S1

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

Sec 29 T17S R29E Mer NMP
At surface SWNW 1525FNL 990FWL

10. Field and Pool, or Exploratory
E EMPIRE

11. Sec, T, R, M, or Block and Survey
or Area Sec 29 T17S R29E Mer NMP

12. County or Parish
EDDY
13. State
NM

14. Date Spudded
05/26/2002
15. Date T.D. Reached
11/27/2008
16. Date Completed
☐ D & A ☒ Ready to Prod
01/24/2009

17. Elevations (DF, KB, RT, GL)*
3622 KB

18. Total Depth. MD 5849
TVD
19. Plug Back T.D.: MD 5499
TVD
20. Depth Bridge Plug Set. MD
TVD

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

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
17.500	13.375 J-55	48.0	0	335		350		0	
12.250	8.625 K-55	24.0	0	863		500		0	
4.750	4.000 L80	11.6	0	4263		200		0	0
7.875	5.500 J-55	17.0	0	4344		1060		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	4223		2.875	5735				

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	5100	5300	3900 TO 4198	0.430	86	Paddock, squeezed off
B)			4460 TO 4630		32	OPEN
C)			4800 TO 5000		28	OPEN
D)			5100 TO 5300		48	OPEN

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

Depth Interval	Amount and Type of Material
3900 TO 4198	see remarks
4460 TO 4630	FRAC W/2601 BBLS GEL, 147.793# 16/30 SAND
4460 TO 4630	ACIDIZE W/95 BBLS ACID
4800 TO 5000	ACIDIZE W/71 BBLS ACID

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
01/24/2009	04/01/2008	24	→	6.0	29.0	7.0	55.0	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	→	6	29	7		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 #66935 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

BUREAU OF LAND MANAGEMENT
MIDLAND FIELD OFFICE

ACCEPTED FOR RECORD
FEB 16 2009
J. L. [Signature]
7/12/09

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 QUEEN SAN ANDRES GLORIETA YESO	750 1630 2325 3780 3856	4188	DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE	YATES SEVEN RIVERS QUEEN SAN ANDRES GLORIETA	750 1026 1630 2322 3782

32 Additional remarks (include plugging procedure):
Logs will be mailed.

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

5100 - 5300 Acidize w/60 bbls acid.
5100 - 5300 Frac w/2258 bbls gel.

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 #66935 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 02/04/2009 (09KMS0821SE)

Name (please print) ROBYN ODOM

Title PERSON RESPONSIBLE

Signature (Electronic Submission)

Date 02/03/2009

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 ** REVISED **

Additional data for transaction #66935 that would not fit on the form

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
4800 TO 5000	FRAC W/2702 BBLS GEL, 170,788# 16/30 SAND.

MR