

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

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

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Drill Reentry

2. Name of Operator
COG OPERATING LLC

Contact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com

3. Address 550 WEST TEXAS AVE STE 1300
MIDLAND, TX 79701

3a. Phone No. (include area code)
Ph: 432-685-4332

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Lot H 2330FNL 330FEL 32.82085 N Lat, 103.84943 W Lon
At top prod interval reported below Lot H 2330FNL 330FEL 32.82085 N Lat, 103.84943 W Lon
At total depth Lot H 2330FNL 330FEL 32.82085 N Lat, 103.84943 W Lon

5. Lease Serial No.
NMLC029419A

6. If Indian: Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
SKELLY UNIT 629

9. API Well No.
30-015-36964

10. Field and Pool, or Exploratory
FREN; GLORIETA, YESO

11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T17S R31E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
10/12/2009

15. Date T.D. Reached
10/23/2009

16. Date Completed
☐ D & A ☒ Ready to Prod.
11/13/2009

17. Elevations (DF, KB, RT, GL)*
3853 GL

18. Total Depth: MD 6804
TVD 6804

19. Plug Back T.D.: MD 6764
TVD 6764

20. Depth Bridge Plug Set: MD
TVD

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

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 H40	48.0	0	476		275		0	0
11.000	8.625 J55	32.0	0	1805		600		0	0
7.875	5.500 J55	17.0	0	6804		1200		0	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	6274							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5048	5144	5048 TO 5144	0.410	14	OPEN
B) BLINEBRY	5610	5810	5610 TO 5810	0.410	26	OPEN
C) BLINEBRY	6040	6240	6040 TO 6240	0.410	26	OPEN
D) BLINEBRY	6310	6510	6310 TO 6510	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
5048 TO 5144	ACIDIZE W/2,500 GALS 15% ACID.
5048 TO 5144	FRAC W/ 112,000 GALS GEL, 121,052# 16/30 WHITE SAND, 18,826# 16/30 SIBERPROP.
5610 TO 5810	ACIDIZE W/2,500 GALS 15% ACID.
5610 TO 5810	FRAC W/ 125,000 GALS GEL, 151,353# 16/30 WHITE SAND, 31,758# 16/30 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
12/09/2009	12/11/2009	24	→	80.0	30.0	370.0	37.8	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70.0	→					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. SI	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 #79167 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

ACCEPTED FOR RECORD

DEC 28 2009

/s/ Dustin Winkler

m2

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 Mcas. Depth
YATES	1781		DOLOMITE & SAND	DOLOMITE & SAND	1781
QUEEN	2739		SAND	SAND	2739
SAN ANDRES	3489		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	3489
GLORIETA	4989		SAND & DOLOMITE	SAND & DOLOMITE	4989
YESO	5040		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	5040
TUBB	6682		SAND	SAND	6682

32. Additional remarks (include plugging procedure):

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

6040-6240 ACIDIZE W/2,500 GALS 15% ACID

6040-6240 Frac w/ 125,000 gals gel, 147,409# 16/30 White Sand, 30,950# 16/30 Siberprop.

6310-6510 ACIDIZE W/2,500 GALS 15% ACID

6310-6510 FRAC W/125,000 gals gel, 149,276# 16/30 White Sand, 31,032# 16/30 Siberprop.

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 #79167 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 12/22/2009

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.

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