

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

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

3. Address **550 WEST TEXAS AVENUE SUITE 100**
MIDLAND, TX 79701-4287

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Sec 15 T17S R31E Mer NMP**
NWNE Lot B 755FNL 1890FEL
At top prod interval reported below
Sec 15 T17S R31E Mer NMP
At total depth **NWNE 330FNL 2310FEL**

5. Lease Serial No.
NMLC029420A

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No.
SKELLY UNIT 824

9. API Well No.
30-015-37668-00-S1

10. Field and Pool, or Exploratory
FREN

11. Sec., T., R., M., or Block and Survey
or Area **Sec 15 T17S R31E Mer NMP**

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
07/29/2010

15. Date T.D. Reached
08/09/2010

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/08/2010

17. Elevations (DF, KB, RT, GL)*
3900 GL

18. Total Depth: **MD 6910**
TVD 6867

19. Plug Back T.D.: **MD 6862**
TVD 6821

20. Depth Bridge Plug Set: **MD**
TVD

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

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	618		600		0	
11.000	8.625 J-55	32.0	0	1810		550		0	
7.875	5.500 J-55	17.0	0	6898		1200		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	6266							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			5190 TO 5310	0.410	20	OPEN
B) PADDOCK	5190	5310	5730 TO 5930	0.410	26	OPEN
C) BLINEBRY	6270	6470	6000 TO 6200	0.410	26	OPEN
D)			6270 TO 6470	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
5190 TO 5310	ACIDIZE W/3,000 GALS 15% ACID.
5730 TO 5930	FRAC W/113,000 GALS GEL, 130,000# 16/30 WHITE SAND, 14,074# 16/30 SIBERPROP SAND.
6000 TO 6200	ACIDIZE W/2,500 GALS 15% ACID.
6270 TO 6470	FRAC W/ 123,000 GALS GEL, 149,465# 16/30 WHITE SAND, 29,895# 16/30 SIBERPROP SAND.

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
09/14/2010	09/19/2010	24	→	28.0	152.0	399.0	36.7		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	→	28	152	399	5429	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
09/14/2010	09/19/2010	24	→	28.0	152.0	399.0	36.7	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	→	28	152	399		POW	

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

ELECTRONIC SUBMISSION #93649 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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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	1859		DOLOMITE & SAND	YATES	1859
QUEEN	2815		SAND	QUEEN	2815
SAN ANDRES	3579		DOLOMITE & ANHYDRITE	SAN ANDRES	3579
GLORIETA	5099		SAND & DOLOMITE	GLORIETA	5099
YESO	5188		DOLOMITE & ANHYDRITE		
TUBB	6605				

32. Additional remarks (include plugging procedure):

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

6000 - 6200 ACIDIZE W/2,500 GALS 15% ACID.

5860 - 6060 Frac w/ 124,000 gals gel, 147,692# 16/30 White sand, 34,471# 16/30 Siberprop sand.

6270 - 6470 ACIDIZE W/2,500 GALS 15% ACID.

6130 - 6330 FRAC W/124,000 gals gel, 145,100# 16/30 White sand, 33,126# 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 #93649 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 09/29/2010 (10KMS2383SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/29/2010

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 #93649 that would not fit on the form

32. Additional remarks, continued

sand.