

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** 3a. Phone No. (include area code)
MIDLAND, TX 79701-4287 Ph: **432-685-4332**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Sec 21 T17S R31E Mer NMP**
NWSE Lot J 1710FSL 1650FEL
At top prod interval reported below
At total depth

5. Lease Serial No. **NMNM98122**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **SKELLY UNIT 719**

9. API Well No. **30-015-37883-00-S1**

10. Field and Pool, or Exploratory **FREN - GARD - YESO KZ**

11. Sec., T., R., M., or Block and Survey or Area **Sec 21 T17S R31E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **08/08/2010** 15. Date T.D. Reached **08/17/2010** 16. Date Completed
☐ D & A ☒ Ready to Prod. **09/15/2010**

17. Elevations (DF, KB, RT, GL)* **3809 GL**

18. Total Depth: **MD 6801 TVD 6801** 19. Plug Back T.D.: **MD 6768 TVD 6768** 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	515		500		0	
11.000	8.625 J-55	32.0	0	1852		1000		0	
7.875	5.500 J-55	17.0	0	6801		1050		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	6256							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			5040 TO 5150	0.410	18	OPEN
B) PADDOCK	5040	5150	5750 TO 5950	0.410	26	OPEN
C) BLINEBRY	6290	6490	6020 TO 6220	0.410	26	OPEN
D)			6290 TO 6490	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
5040 TO 5150	ACIDIZE W/3,000 GALS 15% ACID.
5040 TO 5150	FRAC W/98,727 GALS GEL, 108,970# 16/30 OTTAWA SAND, 16,481# 16/30 SUPER LC SAND.
5750 TO 5950	ACIDIZE W/2,500 GALS 15% ACID.
5750 TO 5950	FRAC W/114,851 GALS GEL, 152,627# 16/30 OTTAWA SAND, 28,747# 16/30 SUPER LC 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
09/20/2010	09/23/2010	24	→	22.0	64.0	535.0	37.1		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	70	70.0	→	22	64	535	2909	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
09/20/2010	09/23/2010	24	→	22.0	64.0	535.0	37.1	0.60	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	70	70.0	→	22	64	535		POW	

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

ELECTRONIC SUBMISSION #93377 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

ELECTRIC PUMPING UNIT

OCT 05 2010

NMOC D ARTESIA

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	1665		DOLOMITE & SAND	YATES	1665
QUEEN	2613		SAND	QUEEN	2613
SAN ANDRES	3419		DOLOMITE & ANHYDRITE	SAN ANDRES	4912
GLORIETA	4921		SAND & DOLOMITE	GLORIETA	4992
YESO	4992		DOLOMITE & ANHYDRITE		
TUBB	6573				

32. Additional remarks (include plugging procedure):

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

6020 - 6220 ACIDIZE W/2,500 GALS 15% ACID.

6020 - 6220 Frac w/114,047 gals gel, 145,047# 16/30 Ottawa sand, 33,511# Super LC sand.

6290 - 6490 ACIDIZE W/2,500 GALS 15% ACID.

6290 - 6490 FRAC W/117,043 gals gel, 139,849# 16/30 Ottawa sand, 38,462# Super LC 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 #93377 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 09/27/2010 (10KMS2352SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/24/2010

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 ****