


 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

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

RM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NMOC D ARTESIA

 Lease Serial No.
 NMNM98120

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No SKELLY UNIT 623		
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com			9. API Well No. 30-015-36833-00-X1		
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II 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 NENW 330FNL 2150FWL 32.84096 N Lat, 103 84194 W Lon At top prod interval reported below NENW Lot C 330FNL 2150FWL 32.84087 N Lat, 103.84139 W Lon At total depth NENW Lot C 330FNL 1650FWL			10. Field and Pool, or Exploratory FREN, Glorieta - Yesso		
14. Date Spudded 01/23/2010			15. Date T.D. Reached 02/05/2010		
16. Date Completed ☐ D & A ☒ Ready to Prod. 03/01/2010			17. Elevations (DF, KB, RT, GL)* 3925 GL		
18. Total Depth MD 6857 TVD 6857		19. Plug Back T.D. MD 6789 TVD 6789		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 H40	48.0	0	442		500		0	0
17.500	13.375 H-40	48.0	0	442		500		0	
11.000	8.625 J-55	32.0	0	1853		550		0	
11.000	8.625 J55	32.0	0	1853		550		0	0
7.875	5.500 J55	17.0	0	6845		1100		0	0
7.875	5.500 J-55	17.0	0	6845		1100			

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	6261		2.875	6261				

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) GLORIETA-YESO			5270 TO 5390	0.410	18	OPEN
B) PADDOCK	5270	5390	5270 TO 5390		18	open
C) BLINEBRY	6340	6540	5800 TO 6000	0.410	26	OPEN
D)			5800 TO 6000		26	open

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

Depth Interval	Amount and Type of Material
5270 TO 5390	FRAC W/100,000 GALS GEL, 100,041# 16/30 WHITE SAND, 7,866# 16/30 SIBERPROP SAND.
5270 TO 5390	gal acid
5270 TO 5390	gal gel, 100010# 16/30 White sand, 7866# 16/30 Siberprop sand
5270 TO 5390	ACIDIZE W/3,000 GALS 15% 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
03/17/2010	03/18/2010	24	→	16.0	0.0	132.0	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	70.0	→	16	0	132		POW	

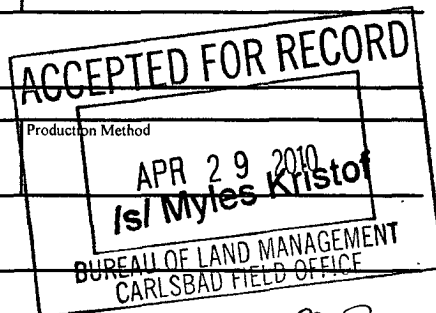
28a. Production - Interval B

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 #84405 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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 QUEEN SAN ANDRES GLORIETA YESO TUBB	1918 2871 3638 5182 5242 6647		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES QUEEN SAN ANDRES GLORIETA YESO	1918 2871 3638 5182 5242

32. Additional remarks (include plugging procedure).

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

6070 - 6270 ACIDIZE W/2,500 GALS 15% ACID.

6070 - 6270 Frac w/ 125,000 gals gel, 148,166# 16/30 White sand, 30,097# 16/30 Siberprop sand.

6340 - 6540 ACIDIZE W/2,500 GALS 15% ACID

6340 - 6540 FRAC W/124,000 gals gel, 144,442# 16/30 White sand, 32,004# 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 #84405 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by CHERYLE RYAN on 04/12/2010 (10CMR0354SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 04/08/2010

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 ****

Additional data for transaction #84405 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
6070 TO 6270		26	open
6070 TO 6270	0.410	26	OPEN
6340 TO 6540	0.410	26	OPEN
6540 TO 6758		26	open

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

Depth Interval	Amount and Type of Material
5800 TO 6000	gal acid
5800 TO 6000	ACIDIZE W/2,500 GALS 15% ACID.
5800 TO 6000	gal gel, 144250# 16/30 White sand, 30679# 16/30 Siberprop sand
5800 TO 6000	FRAC W/ 124,000 GALS GEL, 144,250# 16/30 WHITE SAND, 30,679# 16/30 SIBERPROP SAND.
6070 TO 6270	gal gel, 148166# 16/30 White sand, 30097# 16/30 siberprop sand
6070 TO 6270	gal acid
6340 TO 6540	gal acid
6340 TO 6540	gal gel, 144442# 16/30 White sand, 32004# 16/30 siberprop sand

32. Additional remarks, continued

sand.