

RECEIVED
MAY 18 2010
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NMOCD ARTESIARECEIVED
MAY 18 2010
NMOCD ARTESIAFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMLC029342D		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		
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 SENE Lot H 2185FNL 1290FEL At top prod interval reported below Sec 9 T17S R30E Mer NMP At total depth SENE Lot H 2310FNL 990FEL			8. Lease Name and Well No. MIRANDA FEDERAL 3		
14. Date Spudded 03/07/2010			15. Date T.D. Reached 03/18/2010		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/14/2010			9. API Well No. 30-015-37318-00-S1		
17. Elevations (DF, KB, RT, GL)* 3698 GL			10. Field and Pool, or Exploratory LOCO HILLS, Gloria YES		
18. Total Depth. MD 6065 TVD 6065			19. Plug Back T.D.: MD 5982 TVD 5982		
20. Depth Bridge Plug Set MD TVD			11. Sec, T., R., M., or Block and Survey or Area Sec 9 T17S R30E Mer NMP		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT			12. County or Parish EDDY		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			13. State NM		

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	359		475		0	
11.000	8.625 J-55	32.0	0	1314		600		0	
7.875	5.500 J-55	17.0	0	6063		1100		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	5506							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			4500 TO 4780	0.410	29	OPEN
B) PADDOCK	4500	4780	4980 TO 5180	0.410	26	OPEN
C) BLINEBRY	5520	5720	5250 TO 5450	0.410	26	OPEN
D)			5520 TO 5720	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
4500 TO 4780	GALS 15% ACID
4500 TO 4780	gal gel, 136446# White sand, 19004# super LC
4980 TO 5180	FRAC W/105,000 GALS GEL, 136,446# WHITE SAND, 19,004# SUPER LC SAND
4980 TO 5180	gal 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
04/19/2010	04/24/2010	24	→	216.0	304.0	783.0	38.0		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	→	216	304	783	1407	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
04/19/2010	04/24/2010	24	→	216.0	304.0	783.0	38.0	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	70.0	→	216	304	783		POW	

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

ELECTRONIC SUBMISSION #86054 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	1273		DOLOMITE & SAND	YATES	1273
QUEEN	2178		SAND	QUEEN	2178
SAN ANDRES	2911		DOLOMITE & ANHYDRITE	SAN ANDRES	2911
GLORIETA	4388		SAND & DOLOMITE	GLORIETA	4388
YESO	4448		DOLOMITE & ANHYDRITE		
TUBB	5894				

32. Additional remarks (include plugging procedure).

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

5250 - 5450 ACIDIZE W/2,500 GALS 15% ACID.

5250 - 5450 Frac w/ 111,000 gals gel, 141,454# White sand, 34,429# Super LC sand.

5520 - 5720 ACIDIZE W/2,500 GALS 15% ACID.

5520 - 5720 FRAC W/112,000 gals gel, 142,923# White sand, 33,768# 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 #86054 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 05/07/2010 (10KMS1357SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 05/05/2010

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 #86054 that would not fit on the form

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

Depth Interval	Amount and Type of Material
5250 TO 5450	GALS 15% ACID.
5250 TO 5450	gal gel, 141454# white sand, 34429# Super LC
5520 TO 5720	GALS GEL, 142923# WHITE SAND, 33768# SUPER LC SAND.
5520 TO 5720	gal acid