


 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

OCT 17 2008

OCD-ARTESIA

 FORM 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. NMNM100844 ✓		
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			7. Unit or CA Agreement Name and No.		
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoreources.com			8. Lease Name and Well No. REINDEER 21 FEDERAL 2 ✓		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701			9. API Well No. 30-015-35897		
3a. Phone No. (include area code) Ph: 432-685-4332			10. Field and Pool, or Exploratory CROW FLATS ABO		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot A 330FNL 330FEL At top prod interval reported below Lot A 330FNL 330FEL At total depth Lot D 422FNL 1015FEL			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T16S R28E Mer ✓		
14. Date Spudded 04/29/2008			15. Date T.D. Reached 06/05/2008		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/09/2008			17. Elevations (DF, KB, RT, GL)* 3599 GL		
18. Total Depth: MD 10336 TVD 6577		19. Plug Back T.D.: MD 8662 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL			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)		

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		505		550		0	158
12.250	9.625 J55	40.0		1806		800		0	257
8.750	7.000 LTC	26.0		6800		660		0	3
6.125	5.500 L80	17.0		10336		1100		0	109

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ABO	6627	7203	6627 TO 7203			OPEN
B) ABO	7203	7608	7203 TO 7608			OPEN
C) ABO	7608	8057	7608 TO 8057			OPEN
D) ABO	8057	8589	8057 TO 8589			

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6627 TO 7203	ACIDIZE W/9,300 GALS ACID. FRAC W/91,000 GALS GEL, 60,500# 30/50 OTTAWA SAND.
7203 TO 7608	ACIDIZE W/9,300 GALS ACID. FRAC W/91,000 GALS GEL, 60,500# 30/50 OTTAWA SAND.
7608 TO 8057	ACIDIZE W/9,300 GALS ACID. FRAC W/91,000 GALS GEL, 60,500# 30/50 OTTAWA SAND.
8057 TO 8589	ACIDIZE W/9,300 GALS ACID. FRAC W/91,000 GALS GEL, 60,500# 30/50 OTTAWA 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
07/09/2008	07/19/2008	24	→	269.0	303.0	229.0	42.4		ACCEPTED FOR RECORD
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
26/64	SI		→				1126	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	
	SI		→						

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

ELECTRONIC SUBMISSION #63600 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Accepted for record - NMOCD

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 TUBB ABO SHALE ABO CARB T/LO. ABO	597 1096 1910 3352 4642 5390 5840 6543			TWOLFCAMP	6665

32. Additional remarks (include plugging procedure):
Logs will be mailed.

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 #63600 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 10/03/2008

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **