

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. NMLC029342B	
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@conchoresources.com		8. Lease Name and Well No. POLARIS B FEDERAL 27	
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No. 30-015-36666-00-S1	
3a. Phone No. (include area code) Ph 432-6854332		10. Field and Pool, or Exploratory LOCO HILLS	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface Sec 9 T17S R30E Mer NMP SESW 790FSL 1650FWL 32.84403 N Lat, 103.98023 W Lon At top prod interval reported below At total depth		11. Sec., T, R, M., or Block and Survey or Area Sec 9 T17S R30E Mer NMP	
14. Date Spudded 01/06/2010		15. Date T.D. Reached 01/14/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 02/01/2010		17. Elevations (DF, KB, RT, GL)* 3696 GL	
18. Total Depth: MD 6023 TVD 6023		19. Plug Back T.D.: MD 5965 TVD 5965	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT	
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	0	453		450		0	0
11.000	8.625 J55	24.0	0	1223		500		0	0
7.875	5.500 J55	17.0	0	6018		1000		0	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	5421							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			4370 TO 4670	0.410	29	OPEN
B) PADDOCK	4370	4670	4880 TO 5080	0.410	26	OPEN
C) BLINEBRY	5420	5620	5150 TO 5350	0.410	26	OPEN
D)			5420 TO 5620	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
4370 TO 4670	ACIDIZE W/ 3,000 GALS 15% ACID
4370 TO 4670	FRAC W/101,907 GALS GEL, 93,004# 16/30 OTTAWA SAND, 10,808# 16/30 SIBERPROP SAND
4880 TO 5080	ACIDIZE W/3,500 GALS 15% ACID
4880 TO 5080	FRAC W/125,931 GALS GEL, 145,107# 16/30 OTTAWA SAND, 31,957# 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
02/05/2010	02/05/2010	24	→	102.0	136.0	880.0	39.7		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	→	102	136	880	1333	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
02/05/2010	02/05/2010	24	→	102.0	136.0	880.0	39.7	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	→	102	136	880		POW	

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

ELECTRONIC SUBMISSION #82183 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	1223		DOLOMITE & SAND		
QUEEN	2115		SAND		
SAN ANDRES	2847		DOLOMITE & ANHYDRITE		
GLORIETA	4257		SAND & DOLOMITE		
YESO	4350		DOLOMITE & ANHYDRITE		
TUBB	5798		SAND		

32. Additional remarks (include plugging procedure):

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

5150-5350 ACIDIZE W/ 3,500 GALS 15% ACID

5150-5350 FRAC W/124,234 GALS GEL, 142,134# 16/30 OTTAWA SAND, 30,212# 16/30 SIBERPROP SAND.

5420-5620 ACIDIZE W/ 3,500 GALS 15% ACID.

5420-5620 FRAC W/125,058 GALS GEL, 142,663# 16/30 OTTAWA SAND, 30,382# 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 #82183 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 03/03/2010 (10KMS0843SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 03/02/2010

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 #82183 that would not fit on the form

32. Additional remarks, continued

SAND.