

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

5. Lease Serial No.
NMLC029342B

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **COG OPERATING LLC** Contact: **CHASITY JACKSON**
 E-Mail: **cjackson@conchoresources.com**

8. Lease Name and Well No.
POLARIS B FEDERAL 30

3. Address **550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701** 3a. Phone No. (include area code)
 Ph: **432-686-3087**

9. API Well No.
30-015-36893-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SWSE Lot O 330FSL 1750FEL**
 At top prod interval reported below **SWSE Lot O 330FSL 1750FEL**
 At total depth **SWSE Lot O 330FSL 1750FEL**

10. Field and Pool, or Exploratory
LOCO HILLS - Glorieta Yeso

11. Sec., T., R., M., or Block and Survey
or Area **Sec 9 T17S R30E Mer NMP**

12. County or Parish
EDDY 13. State
NM

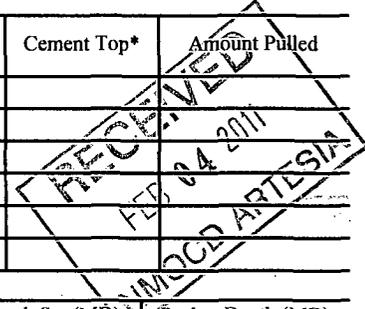
14. Date Spudded **12/05/2010** 15. Date T.D. Reached **12/15/2010** 16. Date Completed
 D & A Ready to Prod. **01/04/2011** 17. Elevations (DF, KB, RT, GL)*
3684 GL

18. Total Depth: MD **6030** TVD **6030** 19. Plug Back T.D.: MD **5976** TVD **5976** 20. Depth Bridge Plug Set: MD **MD** TVD **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 Cemen- ter Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	437		450			
11.000	8.625 J55	24.0	0	1187		700			
7.875	5.500 J55	17.0	0	6020	2622	1550			



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	5474							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			4405 TO 4685	0.410	29	OPEN, Paddock
B) PADDOCK	4405	4685	4980 TO 5180	0.410	26	OPEN, Blinebry
C) BLINEBRY	5520	5720	5250 TO 5450	0.410	26	OPEN, Blinebry
D)			5520 TO 5720	0.410	26	OPEN, Blinebry

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

Depth Interval	Amount and Type of Material
4405 TO 4685	ACIDIZE W/3,000 GALS 15% ACID.
4405 TO 4685	FRAC W/110,000 GALS GEL, 117,818# 16/30 WHITE SAND, 15,075# 16/30 SIBERPROP. JAN 30 2011
4980 TO 5180	ACIDZE W/2,500 GALS 15% ACID.
4980 TO 5180	FRAC W/125,000 GALS GEL, 146,150# 16/30 WHITE SAND, 29,842# 16/30 SIBERPROP

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
01/08/2011	01/23/2011	24	→	117.0	145.0	781.0	38.7		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	
	SI	70.0	→	117	145	781	1239	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
01/08/2011	01/23/2011	24	→	117.0	145.0	781.0	38.7		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	
	SI	70.0	→	117	145	781		POW	

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #101250 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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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.)
CAPTURED

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	1213		DOLOMITE & SAND	YATES	1213
QUEEN	2116		SAND	QUEEN	2116
SAN ANDRES	2850		DOLOMITE & ANHYDRITE	SAN ANDRES	2850
GLORIETA	4261		DOLOMITE & SAND		
YESO	4375		DOLOMITE & ANHYDRITE		
TUBB	5826		SAND		

32. Additional remarks (include plugging procedure):

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...
 5250-5450 ACIDIZE W/2,500 GALS 15% ACID.
 5250-5450 FRAC W/124,000 GALS GEL, 143,676# 16/30 WHITE SAND, 32,319# 16/30 SIBERPROP.
 5520-5720 ACIDIZE W/2,500 GALS 15% ACID.
 5520-5720 FRAC W/125,000 GALS GEL, 144,248# 16/30 WHITE SAND, 29,772# 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 #101250 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad
 Committed to AFMSS for processing by CHERYLE RYAN on 01/27/2011 (11CMR0264SE)

Name (please print) CHASITY JACKSON Title PREPARER

Signature _____ (Electronic Submission) Date 01/25/2011

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.

Additional data for transaction #101250 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	gal 15% acid
5250 TO 5450	gal gel, 143676# 16/30 White sand, 32319# 16/30 siberprop
5520 TO 5720	gal 15% acid
5520 TO 5720	gal gel, 144248# 16/30 white sand, 29772# 16/30 siberprop