

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN - 2 2009

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029342B1a 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 LLCContact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com8 Lease Name and Well No
POLARIS B FEDERAL 213 Address 550 W TEXAS, STE 1300 FASKEN TOWER II
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-685-43329. API Well No
30-015-36707-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 9 T17S R30E Mer NMP
At surface NESE 2160FSL 915FEL

At top prod interval reported below

At total depth

10 Field and Pool, or Exploratory
LOCO HILLS11. Sec, T, R, M., or Block and Survey
or Area Sec 9 T17S R30E Mer NMP12. County or Parish
EDDY13 State
NM14. Date Spudded
03/18/200915 Date T.D. Reached
03/30/200916. Date Completed
☐ D & A ☒ Ready to Prod.
04/24/200917. Elevations (DF, KB, RT, GL)*
3687 GL18 Total Depth. MD 6010
TVD 601019 Plug Back T.D. MD 5944
TVD 594420. Depth Bridge Plug Set MD
TVD21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT22 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	447		1163		0	
11.000	8.625 J-55	24.0	0	2113		500		0	
7.875	5 500 J-55	17.0	0	6010		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	5720							

25. Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			5010 TO 5210	0.410	29	OPEN
B) BLINEBRY	6530	6730	5280 TO 5480	0.410	29	OPEN
C)			6530 TO 6730	0.410	48	OPEN
D)						

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

Depth Interval	Amount and Type of Material
5010 TO 5210	ACIDIZE W/3000 GALS 15% ACID
5010 TO 5210	FRAC W/112,090 GALS GEL, 165,800# 16/30 SAND
5280 TO 5480	ACIDIZE W/3500 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
05/15/2009	05/17/2009	24	→	163.0	25.0	505.0	38.6	
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
	SI		→	163	25	505	153	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
05/15/2009	05/17/2009	24	→	163.0	25.0	505.0	38.6	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	
	SI	70	→	163	25	505		POW	

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

ELECTRONIC SUBMISSION #70050 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 QUEEN SAN ANDRES GLORIETA YESO	2140 3087 3862 5375 5480		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE		

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

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

6530-6730 ACIDIZE W/3500 GALS 15% ACID.
6530-6730 FRAC W/123,311 GALS GEL, 189,100# 16/30 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 #70050 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 05/20/2009 (09KMS1414SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 05/19/2009

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 ** REVISED ****