

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 17 2009

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		6. If Indian, Allottee or Tribe Name	
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"/> Drift Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. POLARIS B FEDERAL 4	
Contact: ROBYN ODOM E-Mail: rododom@conchoresources.com			
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		9. API Well No. 30-015-36706-00-S1	
3a. Phone No. (include area code) Ph. 432-685-4385			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 17 T17S R30E Mer NMP At surface NENW 330FNL 1750FWL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory LOCO HILLS	
		11. Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R30E Mer NMP	
		12. County or Parish EDDY	
		13. State NM	
14. Date Spudded 02/03/2009		15. Date T D Reached 02/14/2009	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/04/2009		17. Elevations (DF, KB, RT, GL)* 3671 GL	
18. Total Depth MD TVD 5926		19. Plug Back T D : MD TVD 5750	
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 H-40	48.0	0	428		448		0	
11.000	8.625 J-55	32.0	0	1150		500		0	
7.875	5.500 J-55	17.0	0	5923		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	5354							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			4329 TO 4640		33	OPEN
B) PADDOCK	4329	4640	4890 TO 5090		36	OPEN
C) BLINEBRY	5430	5630	5160 TO 5360		36	OPEN
D)			5430 TO 5630		48	OPEN

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

Depth Interval	Amount and Type of Material
4329 TO 4640	ACIDIZE W/72 BBLs ACID
4329 TO 4640	FRAC W/2780 BBLs GEL, 137,678# 16/30 SAND
4890 TO 5090	ACIDIZE W/60 BBLs ACID
4890 TO 5090	FRAC W/3037 BBLs GEL, 169,699# 16/30 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
03/09/2009	03/09/2009	24	→	106.0	308.0	604.0	37.8		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
		70.0	→	106	308	604	2906	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
03/09/2009	03/09/2009	24	→	106.0	308.0	604.0	37.8	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	
		70.0	→	106	308	604	2906	POW	

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

ELECTRONIC SUBMISSION #67951 VERIFIED BY BLM WELL INFORMATION SYSTEM

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

MAR 19 2009

BY *uk-hdms*

ACCEPTED FOR RECORD

MAR 14 2009

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNIT*MR*

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	Thg. 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	Thg. 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	1185		DOLOMITE & SAND		
QUEEN	2075		SAND		
SAN ANDRES	2785		DOLOMITE & ANHYDRITE		
GLORIETA	4225		SAND & DOLOMITE		
YESO	4310		DOLOMITE & ANHYDRITE		
TUBB	5750		SAND		

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

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

5160 - 5360 Acidize w/60 bbls acid
 5160 - 5360 Frac w/3116 bbls gel, 173,927# 16/30 sand.
 5430 - 5630 Acidize w/60 bbls acid.
 5430 - 5630 Frac w/3063 bbls gel, 178,842# 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 #67951 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad
 Committed to AFMSS for processing by KURT SIMMONS on 03/12/2009 (09KMS1004SE)

Name (please print) ROBYN ODOM

Title PERSON RESPONSIBLE

Signature (Electronic Submission)

Date 03/11/2009

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 **

Additional data for transaction #67951 that would not fit on the form

32. Additional remarks, continued