

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 12 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										5. Lease Serial No. NMLC029338B	
b Type of Completion <input 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 Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoreources.com										7. Unit or CA Agreement Name and No.	
3 Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701					3a. Phone No. (include area code) Ph: 432-685-4332					8. Lease Name and Well No. HARVARD FEDERAL 5	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 2310FNL 990FEL At top prod interval reported below SENE Lot H 2310FNL 990FEL At total depth SENE Lot H 2310FNL 990FEL										9. API Well No. 30-015-34709-00-C/2	
14 Date Spudded 04/17/2006										15. Date T.D. Reached 05/02/2006	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/21/2009										10 Field and Pool, or Exploratory GRAYBURG JACKSON Square Lake	
18 Total Depth. MD 6250 TVD 6250										19 Plug Back T.D. MD 6217 TVD 6217	
20. Depth Bridge Plug Set MD TVD										11. Sec., T, R, M. for Block and Survey or Area Sec 11 T17S R30E Mer NMP 51510	
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL COMPENSATED NEUT.										12 County or Parish EDDY	
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)										13 State NM	
17. Elevations (DF, KB, RT, GL)* 3742 GL											
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	441		628		0			
12.250	8.625 K-55	32.0	0	780		780		0			
7 875	5.500 L-80	17 0	0	6243		1475		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	5351										
25 Producing Intervals											
26 Perforation Record											
Formation	Top	Bottom	Perforated Interval		Size	No Holes	Perf. Status				
A) GLORIETA-YESO			3440 TO 3640		0.410	36	OPEN				
B) SAN ANDRES	4250	4450	3710 TO 3910		0.410	36	OPEN				
C)			3980 TO 4450		0.410	72	OPEN				
D)			4607 TO 5331		0.410	106	CLOSED - CIBP @ 4528				
27 Acid, Fracture, Treatment, Cement Squeeze, Etc											
Depth Interval											
Amount and Type of Material											
3440 TO 3640 ACIDIZE W/7500 GALS 15% ACID											
3440 TO 3640 FRAC W/69,412 GALS GEL, 63,360# 16/30 WHITE SAND, 28,335# 40/70 SIBERPROP SAND											
3710 TO 3910 ACIDIZE W/3500 GALS 15% ACID											
3710 TO 3910 FRAC W/61,858 GALS GEL, 68,897# 16/30 WHITE SAND, 17,910# 40/70 SIBERPROP SAND.											
28. Production - Interval A											
Date First Produced 11/05/2009	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	ACCEPTED FOR RECORD	
			→						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	POW		
			→								
28a Production - Interval B											
Date First Produced 11/05/2009	Test Date 12/01/2009	Hours Tested 24	Test Production	Oil BBL 65 0	Gas MCF 26 0	Water BBL 389 0	Oil Gravity Corr API 39 8	Gas Gravity	Production Method	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
			→						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	POW		
			→								

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

ELECTRONIC SUBMISSION #69674 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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
YATES	1428			YATES	1428
SEVEN RIVERS	1728			SEVEN RIVERS	1728
QUEEN	2326			QUEEN	2326
GRAYBURG	2724			GRAYBURG	2724
SAN ANDRES	3042			SAN ANDRES	3042
GLORIETA	4494			GLORIETA	4494
YESO	5098				

32 Additional remarks (include plugging procedure)

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

3980-4180 ACIDIZE W/3500 GALS 15% ACID.
3980-4180 FRAC W/67,422 GALS GEL, 66,123# 16/30 white SAND, 23,399# 40/70 Siberprop 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 #69674 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 05/04/2009 (09KMS1267SE)**

Name (please print) KANICIA CARRILLO Title PREPARER

Signature _____ (Electronic Submission) Date 05/01/2009

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

Additional data for transaction #69674 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
5098 TO 5331	0 040	68	open, below CIBP @ 4528

32. Additional remarks, continued

4250-4450 ACIDIZE W/2500 GALS 15% ACID.
4250-4450 FRAC W/ 61,744 GALS GEL, 65,362# 16/30 white SAND, 24,972# 40/70 Siberprop sand.

Recompletion to the SA. Will eventually DHC with Yeso. DHC - 4036