

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8 Lease Name and Well No. FIR FEDERAL 2	
Contact NETHA AARON E-Mail: oaaron@conchoresources.com			
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701		9. API Well No. 30-015-39465-00-S1	
3a. Phone No. (include area code) Ph: 432-818-2319			
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 2430FSL 900FWL 32.804446 N Lat, 104.237387 W Lon At top prod interval reported below NWSW 2430FSL 900FWL 32.804446 N Lat, 104.237387 W Lon At total depth NWSW 2251FSL 975FWL		10. Field and Pool, or Exploratory RED LAKE	
		11. Sec., T., R., M., or Block and Survey or Area Sec 25 T17S R27E Mer NMP	
		12. County or Parish EDDY	
		13. State NM	
14 Date Spudded 11/10/2011		15. Date T.D. Reached 11/16/2011	
		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/22/2011	
17. Elevations (DF, KB, RT, GL)* 3581 GL			
18. Total Depth: MD 4738 TVD 4729		19. Plug Back T.D.: MD 4680 TVD 4671	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) HI-RESLATTARRAY;		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 type="checkbox"/> No <input checked="" 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13 375 H-40	48.0	0	378		400		0	
11.000	8.625 J-55	24.0	0	996		400		0	
7.875	5.500 J-55	17.0	0	4728		900		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	4432							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	3700	4520	3700 TO 3925	0.340	26	OPEN, Upper Blinebry
B)			3985 TO 4210	0.340	26	OPEN, Middle Blinebry
C)			4270 TO 4520	0.340	26	OPEN, Lower Blinebry
D)						

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

Depth Interval	Amount and Type of Material
3700 TO 3925	ACIDIZED W/2500 GALS 10% HCL
3700 TO 3925	FRAC W/139,272 GALS GEL, 189,841# 16/30 BRADY SAND, 54,102# 16/30 SIBERPROP
3985 TO 4210	ACIDIZED W/3500 GALS 10% HCL
3985 TO 4210	FRAC W/129,948 GALS GEL, 177,538# 16/30 BRADY SAND, 40,953# 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
01/03/2012	01/07/2012	24	→	150.0	120 0	519 0	40 9	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	
N/A	70	70 0	→	150	120	519	800	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
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #129459 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED
FEB 08 2012RECLAMATION
FEB 6 2012

ACCEPTED FOR RECORD

FEB 4 2012

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	178		DOLOMITE & SAND	YATES	178
QUEEN	971		DOLOMITE & SAND	QUEEN	971
GRAYBURG	1409		SANDSTONE & DOLOMITE	GRAYBURG	1409
SAN ANDRES	1767		DOLOMITE & LIMESTONE	SAN ANDRES	1767
GLORIETA	3100		DOLOMITE & ANHYDRITE	GLORIETA	3100
YESO	3139		SAND & DOLOMITE	YESO	3139
TUBB	4628		DOLOMITE & SANDSTONE	TUBB	4628

32. Additional remarks (include plugging procedure):

38. Type Electric & Other Mechanical Logs Run (cont'd)

GAMMA RAY CCL

44. Acid, Fracture, Treatment, Cement Squeeze, etc. (cont'd)

4270 - 4520 Acidized w/3500 gals 10% HCL.

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 #129459 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 01/31/2012 (12DLM0510SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 01/30/2012

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 **

Additional data for transaction #129459 that would not fit on the form

32. Additional remarks, continued

4270 - 4520 Frac w/129,956 gals gel, 181,989# 16/30 Brady sand,
38,585# 16/30 SiberProp

LOGS WILL BE MAILED