

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 23 2010

HOBBS

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"/> Diff. Resvr. Other		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. JC FEDERAL 33	
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com			
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		3a. Phone No (include area code) Ph: 432-685-4332	
9. API Well No. 30-025-39291-00-S1			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNE Lot G 1650FNL 2310FEL 32.82270 N Lat, 103.75269 W Lon ✓ At top prod interval reported below SWNE Lot G 1650FNL 2310FEL 32.82270 N Lat, 103.75269 W Lon At total depth SWNE Lot G 1650FNL 2310FEL 32.82270 N Lat, 103.75269 W Lon		10. Field and Pool, or Exploratory MALJAMAR, Yeso West ✓ 11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP ✓ 12. County or Parish LEA 13. State NM ✓	
14. Date Spudded 04/10/2010		15. Date T.D. Reached 04/20/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/18/2010		17. Elevations (DF, KB, RT, GL)* 4004 GL	

18. Total Depth: MD TVD 7015 7015	19. Plug Back T.D.: MD TVD 6950 6950	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 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	888		650		0	
17.500	13.375 H40	48.0	0	888		650		0	0
11.000	8.625 J55	32.0	0	2127		600		0	0
11.000	8.625 J-55	32.0	0	2127		600		0	
7.875	5.500 L-80	17.0	0	7006		1500		0	
7.875	5 500 L80	17.0	0	7006		1500		0	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	6557							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			6030 TO 6230	0.000	26	OPEN
B) BLINEBRY	6030	6770	6300 TO 6500	0.000	26	OPEN
C)			6570 TO 6770	0.000	26	OPEN
D)						

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

Depth Interval	Amount and Type of Material
6030 TO 6230	ACIDIZE W/2,500 GALS 15% ACID
6030 TO 6230	FRAC W/ 117,194 GALS GEL, 138,029# 16/30 OTTAWA SAND, 22,758# 16/30 SIBERPROP.
6300 TO 6500	ACIDIZE W/3,500 GALS 15% ACID.
6300 TO 6500	FRAC W/ 127,762 GALS GEL, 143,040# 16/30 OTTAWA SAND, 29,395# 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
05/30/2010	06/12/2010	24	→	41 0	150 0	390.0	40.0	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	70 0	→	41	150	390	3659	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
05/30/2010	06/12/2010	24	→	41 0	150 0	390 0	40.0	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	70 0	→	41	150	390		POW	

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

ELECTRONIC SUBMISSION #89470 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

AUG 13 2010

/s/ Roger Hall

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

AUG 23 2010

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	2157		DOLOMITE & SAND	YATES	2157
QUEEN	3111		SAND	QUEEN	3111
SAN ANDRES	3902		DOLOMITE & ANHYDRITE	SAN ANDRES	3902
GLORIETTA	5378		SAND & DOLOMITE	GLORIETTA	5378
YESO	5462		DOLOMITE & ANHYDRITE	YESO	5462
TUBB	6890		SAND		

32. Additional remarks (include plugging procedure)

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

6570 - 6770 ACIDIZE W/3,500 GALS 15% ACID.

6570 - 6770 FRAC W/ 124,731 GALS GEL, 151,777# 16/30 Ottawa SAND, 31,682# 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 #89470 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by CHERYLE RYAN on 07/14/2010 (10CMR0214SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/13/2010

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 ****