

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**RECEIVED**
OCD Hobbs
MAR 03 2010
HOBBSOCDFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMLC029509B
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr Other _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No.
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		8. Lease Name and Well No JC FEDERAL 49
3. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		9. API Well No. 30-025-39480-00-S1
3a. Phone No (include area code) Ph. 432-685-4332		10. Field and Pool, or Exploratory MALJAMAR
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESW Lot K 2310FSL 1650FWL 32 81908 N Lat, 103.75695 W Lon ✓ At top prod interval reported below NESW Lot K 2310FSL 1650FWL 32 81908 N Lat, 103.75695 W Lon At total depth NESW Lot K 2310FSL 1650FWL 32.81908 N Lat, 103.75695 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R32E Mer NMP ✓
14. Date Spudded 11/05/2009		12. County or Parish LEA
15. Date T.D. Reached 11/14/2009		13. State NM
16. Date Completed ☐ D & A ☒ Ready to Prod 12/14/2009		17. Elevations (DF, KB, RT, GL)* 4001 GL
18. Total Depth MD 7027 TVD 7027	19. Plug Back T.D. MD 6962 TVD 6962	20. Depth Bridge Plug Set. MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT		22. 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13 375 H40	48.0	0	854		650		0	0
11 000	8.625 J55	32.0	0	2121		600		0	0
7 875	5 500 L80	17.0	0	7013		1100		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	6736							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO			5470 TO 5600	0.000	18	OPEN
B) PADDOCK	5470	5600	6030 TO 6230	0.000	26	OPEN
C) BLINEBRY	6570	6770	6300 TO 6500	0.000	26	OPEN
D)			6570 TO 6770	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5470 TO 5600	ACIDIZE W/ 3,000 GALS 15% ACID
5470 TO 5600	FRAC W/105,888 GALS GEL, 120,773# 16/30 WHITE SAND, 25,087# 16/30 SUPER LC
6030 TO 6230	ACIDIZE W/4,500 GALS 15% ACID
6030 TO 6230	FRAC W/110,479 GALS GEL, 144,432# 16/30 WHITE SAND, 13,332# 16/30 SUPER LC.

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
12/17/2009	12/17/2009	24	→	121.0	54.0	251.0	37.5	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	→	121	54	251	446	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
12/17/2009	12/29/2009	24	→	121.0	54.0	251.0	37.5	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	→	121	54	251		POW	

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

ELECTRONIC SUBMISSION #80424 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	2133		DOLOMITE & SAND	YATES	2133
QUEEN	3061		SAND	QUEEN	3081
SAN ANDRES	3857		DOLOMITE & ANHYDRITE	SAN ANDRES	3857
GLORIETTA	5367		SAND & DOLOMITE	GLORIETTA	5367
PADDOCK	5464		DOLOMITE & ANHYDRITE	PADDOCK	5464
TUBB	6898		SAND	TUBB	6898

32. Additional remarks (include plugging procedure)

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

6300-6500 ACIDIZE W/4,500 GALS 15% ACID.

6300-6500 FRAC W/ 115,570 GALS GEL, 148,736# 16/30 WHITE SAND, 31,450# 16/30 SLC

6570-6770 ACIDIZE W/4,500 GALS 15% ACID

6570-6770 FRAC W/ 115,056 GALS GEL, 149,578# 16/30 WHITE SAND, 28,250# 16/30 SLC

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 #80424 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by CHERYLE RYAN on 01/22/2010 (10CMR0081SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 01/21/2010

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 **

Additional data for transaction #80424 that would not fit on the form

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

Depth Interval	Amount and Type of Material
6300 TO 6500	ACIDIZE W/4,500 GALS 15% ACID
6300 TO 6500	FRAC W/115,570 GALS GEL, 148.736# 16/30 WHITE SAND, 31,450# 16/30 SUPER LC
6570 TO 6770	ACIDIZE W/4 500 GALS 15% ACID.
6570 TO 6770	FRAC W/115,056 GALS GEL, 149,578# 16/30 WHITE SAND, 31,450# 16/30 SUPER LC

32. Additional remarks, continued