

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 18 2009

OCD Artesia

FORM 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. NMNM0467931		
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. ELECTRA FEDERAL 36		
3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701			9. API Well No. 30-015-36957-00-S1		
3a. Phone No. (include area code) Ph: 432-685-4332			10. Field and Pool, or Exploratory LOCO HILLS (96712) ✓		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNE Lot G 2310FNL 1955FEL 32.84981 N Lat, 103.95703 W Lon At top prod interval reported below SWNE Lot G 2310FNL 1955FEL 32.84981 N Lat, 103.95703 W Lon At total depth SWNE Lot G 2310FNL 1955FEL 32.84981 N Lat, 103.95703 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R30E Mer NMP		
12. County or Parish EDDY			13. State NM		
14. Date Spudded 06/29/2009			15. Date T.D. Reached 07/08/2009		
16. Date Completed ☐ D & A ☒ Ready to Prod 07/22/2009			17. Elevations (DF, KB, RT, GL)* 3721 GL		
18. Total Depth: MD 6006 TVD 6006			19. Plug Back T D : MD 5963 TVD 5963		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT		
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	426		1200		0	
17.500	13.375 H40	48.0	0	426		1048		0	0
11.000	8.625 J55	24.0	0	1330		500		0	0
11.000	8.625 J-55	24.0	0	1330		500		0	
7.875	5.500 J-55	17.0	0	6006		1100		0	
7.875	5.500 J55	17.0	0	6006		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	5599							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) GLORIETA YESO			4561 TO 4794	0.410	29	OPEN
B) PADDOCK	4561	4794	5110 TO 5310	0.410	36	OPEN
C) BLINEBRY	5110	5860	5390 TO 5590	0.410	36	OPEN
D)			5660 TO 5860	0.410	48	OPEN

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4561 TO 4794	ACIDIZE W/3300 GALS 15% ACID.
4561 TO 4794	FRAC W/88693 GALS GEL, 115,509# CRC
5110 TO 5310	ACIDIZE W/2,500 GALS 15% ACID.
5110 TO 5310	FRAC W/ 117,685 GALS GEL, 147,649# 16/30 SAND, 31680# CRC.

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
07/30/2009	07/30/2009	24	→	252.0	346.0	910.0	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	→	252	346	910	1373	POW	

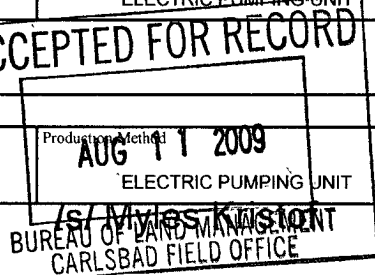
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
07/30/2009	08/03/2009	24	→	252.0	346.0	910.0	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	→	252	346	910		POW	

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

ELECTRONIC SUBMISSION #73003 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	1346		DOLOMITE & SAND	YATES	1346
QUEEN	2249		SAND	QUEEN	2249
SAN ANDRES	2967		DOLOMITE & ANHYDRITE	SAN ANDRES	2967
GLORIETA	4421		SAND & DOLOMITE	GLORIETA	4421
YESO	4491		DOLOMITE & ANHYDRITE	YESO	4491
TUBB	5928		SAND	TUBB	5928

32. Additional remarks (include plugging procedure):

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

5390-5590 ACIDIZE W/2500 GALS 15% ACID.
 6340-6540 FRAC W/ 112732 GALS GEL, 148144# 16/30 SAND, 19430# CRC SAND.

5660-5860 ACIDIZE W/2500 GALS 15% ACID.
 5660-5860 FRAC W/148711 GALS GEL, 34410# 16/30 CRC 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 #73003 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 08/10/2009 (09KMS1949SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/07/2009

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 ** REVISED ****

Additional data for transaction #73003 that would not fit on the form

32. Additional remarks, continued