

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 61		
3. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287			9. API Well No. 30-015-37441-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 10 T17S R30E Mer NMP At surface NWNE 786FNL 1799FEL At top prod interval reported below Sec 10 T17S R30E Mer NMP At total depth NWNE 977FNL 1665FEL			10. Field and Pool, or Exploratory LOCO HILLS		
14. Date Spudded 06/21/2010			15. Date T.D. Reached 07/01/2010		
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/23/2010			17. Elevations (DF, KB, RT, GL)* 3730 GL		
18. Total Depth: MD 6180 TVD 6156		19. Plug Back T.D.: MD 6130 TVD 6106		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)		

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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 H40	48.0	0	422		1818		0	0
17.500	13.375 H40	48.0	0	425		425		0	
11.000	8.625 J55	24.0	0	1300		500		0	
11.000	8.625 J55	24.0	0	1350		500		0	0
7.875	5.500 J55	15.5	0	5950		1000		1100	
7.875	5.500 J55	17.0	0	6180		1050		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	5660							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			4600 TO 4850	0.410	26	OPEN
B) PADDOCK	4600	4850	5120 TO 5320	0.410	26	OPEN
C) BLINEBRY	5120	5860	5390 TO 5590	0.410	26	OPEN
D)			5660 TO 5860	0.410	26	OPEN

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

Depth Interval	Amount and Type of Material
4600 TO 4850	ACIDIZE W/3,000 GALS 15% ACID.
4600 TO 4850	FRAC W/106,185 GALS GEL, 114,844# 16/30 WHITE SAND, 10,039# SIBERPROP SAND.
5120 TO 5320	ACIDIZE W/3,500 GALS 15% ACID.
5120 TO 5320	FRAC W/ 123,720 GALS GEL, 148,176# 16/30 WHITE SAND, 31,995# SIBERPROP SAND.

ACCEPTED FOR RECORD
SEP 20 2010
/s/ Roger Hall
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNIT

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
07/27/2010	07/28/2010	24	→	159.0	329.0	409.0	38.8	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	→	159	329	409	2069	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
07/27/2010	07/28/2010	24	→	159.0	329.0	409.0	38.8	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	→	159	329	409		POW	

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

ELECTRONIC SUBMISSION #92066 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	1374		DOLOMITE & SAND	YATES	1374
QUEEN	2289		SAND	QUEEN	2289
SAN ANDRES	3012		DOLOMITE & ANHYDRITE	SAN ANDRES	3012
GLORIETA	4485		SAND & DOLOMITE	GLORIETA	4485
YESO	4554		DOLOMITE & ANHYDRITE	YESO	4554
TUBB	5972			TUBB	5972

32. Additional remarks (include plugging procedure):

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

5390 - 5590 ACIDIZE W/3,500 GALS 15% ACID.

5390 - 5590 Frac w/ 123,836 gals gel, 151,974# 16/30 White sand, 32,727# Siberprop sand.

5660 - 5860 ACIDIZE W/3,500 GALS 15% ACID.

5660 - 5860 FRAC W/124,247 gals gel, 149,548# 16/30 White sand, 32,107# Siberprop sand.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
5. Sundry Notice for plugging and cement verification

2. Geologic Report
6. Core Analysis

3. DST Report
7 Other:

4. Directional Survey

34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #92066 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 08/31/2010 (10KMS2068SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/30/2010

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 **