Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia
AUG 17 2009

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No.
NMNM0467931

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr.
Other _____

6 If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLC
Contact KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com

8 Lease Name and Well No.
ELECTRA FEDERAL 34

3. Address 550 W TEXAS, STE 1300 FASKEN TOWER II
MIDLAND, TX 79701

3a. Phone No (include area code)
Ph: 432-685-4332

9 API Well No.
30-015-36469-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 10 T17S R30E Mer NMP
At surface NENE 100FNL 330FEL 32.85587 N Lat, 103.95174 W Lon
At top prod interval reported below
At total depth

ENTERED 8-21-09

10. Field and Pool, or Exploratory
LOCO HILLS; GL-Yeso (96718)

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
05/17/2009

15 Date T.D. Reached
05/28/2009

16 Date Completed
☐ D & A ☒ Ready to Prod.
06/22/2009

17. Elevations (DF, KB, RT, GL)*
3725 GL

18 Total Depth MD 6004 TVD 6004

19. Plug Back T.D MD 5916 TVD 5916

20. Depth Bridge Plug Set: MD TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL

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	460		1328		0	0
17.500	13 375 H-40	48.0	0	460		1328		0	
11.000	8.625 J-55	24 0	0	1349		500		0	
11 000	8.625 J55	24 0	0	1349		500		0	0
7 875	5.500 J55	17.0	0	6002		1000		0	0
7 875	5 500 J-55	17 0	0	6002		1000		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	5547							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	GLORIETA YESO			4587 TO 4836	0.410	29	OPEN
B)	PADDOCK	4587	4836	5060 TO 5260	0.410	36	OPEN
C)	BLINEBRY	5600	5800	5330 TO 5530	0.410	36	OPEN
D)				5600 TO 5800	0.410	48	OPEN

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
4587 TO 4836	ACIDIZE W/3000 GALS 15% ACID
4587 TO 4836	FRAC W/ 106,000 GALS GEL, 106,685# WHITE SAND, 13,640# SIBERPROP
5060 TO 5260	ACIDIZE W/2500 GALS 15% ACID
5060 TO 5260	FRAC W/125,000 GALS GEL, 141,716# WHITE SAND, 31,991# 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
06/26/2009	06/27/2009	24	→	76 0	79 0	1037 0	37 8	0 60	ELECTRIC PUMPING UNIT

Choke Size	Tbg Press Flwg SI 70	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
		70 0	→	76	79	1037	1039	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
06/26/2009	06/27/2009	24	→	76 0	79 0	1037 0	37 8	0 60	ELECTRIC PUMPING UNIT

Choke Size	Tbg Press Flwg SI 70	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
		70 0	→	76	79	1037		POW

ACCEPTED FOR RECORD
AUG 11 2009
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #71541 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	1405		DOLOMITE & SAND	YATES	1405
QUEEN	2315		SAND	QUEEN	2315
SAN ANDRES	3037		DOLOMITE & ANHYDRITE	SAN ANDRES	3037
GLORIETA	4493		SAND & DOLOMITE	GLORIETA	4493
YESO	4585		DOLOMITE & ANHYDRITE	YESO	4585
TUBB	5940		SAND		

32. Additional remarks (include plugging procedure):
Logs will be mailed.

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

5330 - 5530 ACIDIZE W/2,500 GALS 15% ACID
5330 - 5530 FRAC W/124,000 GALS GEL, 149,031# White sand, 31,317# Siberprop

5600-5800 ACIDIZE W/2,500 GALS 15% ACID

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 #71541 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 07/01/2009 (09KMS1703SE)

Name *(please print)* KANICIA CARRILLO Title PREPARER

Signature (Electronic Submission) Date 06/30/2009

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #71541 that would not fit on the form

32. Additional remarks, continued

5600-5800 FRAC W/125,000 GALS GEL, 148,541# White sand, 31,888# Siberprop.