



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

5. Lease Serial No
NMNM0467931

1. a. 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

Contact: CHASITY JACKSON

E-Mail: cjackson@concho.com

8. Lease Name and Well No.
ELECTRA FEDERAL 53

3. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701

3a. Phone No. (include area code)
Ph: 432-686-3087

9. API Well No.
30-015-39284-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 10 T17S R30E Mer NMP
At surface SWNE 1750FNL 2170FEL

At top prod interval reported below

Sec 10 T17S R30E Mer NMP
At total depth SWNE 1650FNL 2310FEL

10. Field and Pool, or Exploratory
LOCO HILLS; GL-V850

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
12/19/2011

15. Date T.D. Reached
01/01/2012

16. Date Completed
☐ D & A ☒ Ready to Prod.
01/20/2012

17. Elevations (DF, KB, RT, GL)*
3726 GL

18. Total Depth: MD 6230
TVD 6230

19. Plug Back T.D.: MD 6165
TVD 6165

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 H-40	48.0	0	358		1285		0	
11.000	8.625 J-55	24.0	0	1315		500		0	
7.875	5.500 J-55	17.0	0	6215		1050		0	

Accepted for record
NMOC DARTS 1/24/2012

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	5680							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO	4535	5720	4535 TO 4810	0.340	26	OPEN, Paddock
B)			4980 TO 5180	0.340	26	OPEN, Upper Blinebry
C)			5250 TO 5450	0.340	26	OPEN, Middle Blinebry
D)			5520 TO 5720	0.340	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
4535 TO 4810	ACIDIZE W/1,500 GALS 15% ACID
4535 TO 4810	FRAC W/92,483 GALS GEL, 89,438# 16/30 WHITE SAND, 13,077# 16/30 CRC.
4980 TO 5180	ACIDIZE W/2,250 GALS 15% ACID
4980 TO 5180	FRAC W/114,940 GALS GEL, 145,314# 16/30 WHITE SAND, 30,904# 16/30 CRC

RECLAMATION
DUE 7-20-12

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
01/24/2012	01/25/2012	24	→	169.0	173.0	490.0	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	
		70.0	→	169	173	490	1024	ROW	

ACCEPTED FOR RECORD

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
			→						MAR 24 2012
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #133138 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
RUSTLER	243	1321	ANHYDRITE	RUSTLER	243
SALADO	437		SALT	SALADO	437
YATES	1354		SANDSTONE	YATES	1354
QUEEN	2256		SANDSTONE & DOLOMITE	QUEEN	2256
SAN ANDRES	2983		DOLOMITE & LIMESTONE	SAN ANDRES	2983
GLORIETA	4434		SANDSTONE	GLORIETA	4434
YESO	4506		DOLOMITE & ANHYDRITE	YESO	4506

32. Additional remarks (include plugging procedure)
Acid, Fracture, Treatment, Cement Squeeze, etc.

5250-5450 ACIDIZE W/2,250 GALS 15% ACID. FRAC W/114,578 GALS GEL, 147,430# 16/30 WHITE SAND, 31,145# 16/30 CRC.

5520-5720 ACIDIZE W/3,435 GALS 15% ACID. FRAC W/120,548 GALS GEL, 152,663# 16/30 WHITE SAND, 33,560# 16/30 CRC.

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 #133138 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 03/22/2012 (12KMS1262SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 03/15/2012

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 ****