

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
ArtesiaFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM04679311a. 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 LLCContact: CHASITY JACKSON
E-Mail: cjackson@concho.com8. Lease Name and Well No.
ELECTRA FEDERAL 101H3. Address
600 W ILLINOIS AVENUE
MIDLAND, TX 797013a. Phone No. (in office)
Ph: 432-686-30879. API Well No.
30-015-41139-00-S1

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

At surface NENE 660FNL 330FEL

At top prod interval reported below NENE 660FNL 330FEL

At total depth NWNW 671FNL 360FWL

10. Field and/or Exploratory
LOCO HILLS11. Sec., T., R., M., or Block and Survey
or Area Sec 10 T17S R30E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
03/02/201615. Date T.D. Reached
03/13/201616. Date Completed
☐ D & A ☒ Ready to Prod.
05/12/201617. Elevations (DF, KB, RT, GL)*
3729 GL18. Total Depth: MD
TVD 10098
544019. Plug Back T.D.: MD
TVD 10001
544020. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATEDNEUT22. 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. (lb/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	379		1200		0	
12.250	9.625 J-55	40.0	0	1320		550		0	
8.500	7.000 L-80	29.0	0	4828		2350		0	
8.500	5.500 L-80	17.0	4828	10078					

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	4805							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5625	9991	5625 TO 9991	0.430	684	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5625 TO 9991	ACIDIZE W/75,106 GALS 15% HCL. FRAC W/3,425,390 GALS FRESH WATER, 222,096 GALS TREATED WATER.
5625 TO 9991	1,130,075# 100 MESH, 1,584,964# 40/70 OTTAWA SAND, 393,613# 40/70 CRC.

Accepted for record - NMOCD

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
05/12/2016	05/15/2016	24	→	174.0	272.0	1816.0	37.2	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	
			→	174	272	1816	1563	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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

S/ DAVID R. GLASS
MAY 23 2016

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

ELECTRONIC SUBMISSION #339821 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DAVID R. GLASS
PETROLEUM ENGINEERRECLAMATION DUE:
NOV 12 2016

6/3/16

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	Thg. 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	Thg. 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	345	1296	ANHYDRITE	RUSTLER	345
TANSILL	1296	1401	LIMESTONE & DOLOMITE	TANSILL	1296
YATES	1401	2315	SANDSTONE	YATES	1401
QUEEN	2315	2736	SANDSTONE & DOLOMITE	QUEEN	2315
GRAYBURG	2736	3041	SANDSTONE & DOLOMITE	GRAYBURG	2736
SAN ANDRES	3041	4506	DOLOMITE & LIMESTONE	SAN ANDRES	3041
GLORIETA YESO	5625	9991	SANDSTONE	GLORIETA	4506
				PADDOCK	4571

32. Additional remarks (include plugging procedure):
Log Mailed.

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 #339821 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by JENNIFER SANCHEZ on 05/20/2016 (16JAS1593SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 05/19/2016

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 **