



OCD Artesia

Form 3160-4
(August 2007)FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC028784C

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.
NMNM88525X2. Name of Operator
COG OPERATING LLCContact: CHASITY JACKSON
E-Mail: cjackson@concho.com8. Lease Name and Well No.
BURCH KEELY UNIT 933H3. Address ONE CONCHO CENTER 600 WILLINOIS AVENUE
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-686-30879. API Well No.
30-015-40970-00-S1

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

At surface SWNW 2310FNL 330FWL

At top prod interval reported below SWNW 2310FNL 330FWL

At total depth SENE 2290FNL 357FEL

10. Field and Pool, or Exploratory
BURCH KEELY-GLORIETA-UPPER YES11. Sec., T., R., M., or Block and Survey
or Area Sec 13 T17S R29E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
05/15/201315. Date T.D. Reached
05/28/201316. Date Completed
☐ D & A ☒ Ready to Prod.
07/10/201317. Elevations (DF, KB, RT, GL)*
3625 GL18. Total Depth: MD 9290
TVD 488419. Plug Back T.D.: MD 9168
TVD 491620. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT SPECGR22. 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	340		400		0	
12.250	9.625 J-55	40.0	0	1108		500		0	
8.750	7.000 L-80	26.0	0	4334		750			
7.875	5.500 L-80	17.0	4334	9280				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	4342							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5256	9130	5256 TO 9130	0.410	324	OPEN - YESO
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5256 TO 5554	ACIDIZE W/4302 GALS 15% NEFE. FRAC W/201,158 GALS GEL, 5,862 GALS WF, 20,979 GALS SW.
5256 TO 5554	255,156# 20/40 BROWN SAND, 40,284# 16/30 CRC, 5,011# 100 MESH.
5707 TO 6001	ACIDIZE W/4080 GALS 15% NEFE. FRAC W/203,418 GALS GEL, 6,322 GALS WF, 21,010 GALS SW.
5707 TO 6001	254,941# 20/40 BROWN SAND, 47,705# 16/30 CRC, 5,121# 100 MESH.

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
07/15/2013	07/16/2013	24	→	116.0	81.0	412.0	40.4	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	→	116	81	412	698	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	
			→						

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

ELECTRONIC SUBMISSION #222805 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION
DUE 1-10-14

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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	278	870	ANHYDRITE SALT SANDSTONE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE DOLOMITE & ANHYDRITE	RUSTLER	278
SALADO	500			TOP SALT	500
YATES	1033			YATES	1033
QUEEN	1917			QUEEN	1917
SAN ANDRES	2622			SAN ANDRES	2622
GLORIETA	4037			GLORIETA	4037
YESO	4108			YESO	4108

32. Additional remarks (include plugging procedure):

ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

6150 - 6448 ACIDIZE W/3987 GALS 15% NEFE. FRAC W/201,838 GALS GEL, 6,756 GALS WF, 21,811 GALS SW, 254,758# 20/40 BROWN SAND, 46,960# 16/30 CRC, 5,110# 100 MESH.

6597 - 6898 ACIDIZE W/4106 GALS 15% NEFE. FRAC W/202,491 GALS GEL, 7,203 GALS WF, 21,365 GALS SW, 254,963# 20/40 BROWN SAND, 45,649# 16/30 CRC, 5,189# 100 MESH.

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 #222805 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 10/26/2013 (14DCN0084SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 10/14/2013

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 #222805 that would not fit on the form

32. Additional remarks, continued

7044 - 7342 ACIDIZE W/4080 GALS 15% NEFE. FRAC W/200,803 GALS GEL, 7,652 GALS WF, 22,659 GALS SW, 254,913# 20/40 BROWN SAND, 45,162# 16/30 CRC, 5,179# 100 MESH.

7491 - 7789 ACIDIZE W/4073 GALS 15% NEFE. FRAC W/202,666 GALS GEL, 8,036 GALS WF, 22,752 GALS SW, 254,838# 20/40 BROWN SAND, 43,957# 16/30 CRC, 5,155# 100 MESH.

7938 - 8236 ACIDIZE W/4014 GALS 15% NEFE. FRAC W/172,280 GALS GEL, 8,502 GALS WF, 23,716 GALS SW, 255,127# 20/40 BROWN SAND, 43,863# 16/30 CRC, 5,018# 100 MESH.

8381 - 8683 ACIDIZE W/3982 GALS 15% NEFE. FRAC W/202,916 GALS GEL, 8,937 GALS WF, 23,386 GALS SW, 255,268# 20/40 BROWN SAND, 44,131# 16/30 CRC, 5,210# 100 MESH.

8832 - 9130 ACIDIZE W/2005 GALS 15% NEFE. FRAC W/203,426 GALS GEL, 9,360 GALS WF, 11,434 GALS SW, 254,473# 20/40 BROWN SAND, 44,537# 16/30 CRC, 5,309# 100 MESH.

Logs will be mailed.