

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCB Artesia SEP 25 2013

NMOCB ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM7752

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: CHASITY JACKSON
E-Mail: cjackson@concho.com

8. Lease Name and Well No.
RANDALL FEDERAL 2

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701
3a. Phone No. (include area code)
Ph: 432-686-3087

9. API Well No.
30-015-40101-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SESE 400FSL 185FEL
At top prod interval reported below SESE 400FSL 185FEL
At total depth SESE 379FSL 375FEL

10. Field and Pool, or Exploratory
LOCO HILLS
11. Sec., T., R., M., or Block and Survey
or Area Sec 7 T17S R30E Mer NMP
12. County or Parish
EDDY
13. State
NM

14. Date Spudded
04/17/2013
15. Date T.D. Reached
04/24/2013
16. Date Completed
 D & A Ready to Prod.
05/23/2013

17. Elevations (DF, KB, RT, GL)*
3665 GL

18. Total Depth: MD 4975 TVD 4955
19. Plug Back T.D.: MD 4915 TVD 4915
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT HNGS CBL
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	404		450		0	
11.000	8.625 J-55	24.0	0	1312		500		0	
7.875	5.500 J-55	17.0	0	4963	2950	1400		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	4758							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4300	4818	4300 TO 4550	0.410	26	OPEN
B)			4650 TO 4818	0.410	22	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
4300 TO 4550	ACIDIZE W/2,500 GALS 15% ACID.
4300 TO 4550	FRAC W/93,961 GALS GEL, 92,623# 16/30 WHITE SAND, 15,827# 16/30 SIBERPROP.
4650 TO 4818	ACIDIZE W/3,500 GALS 15% ACID.
4650 TO 4818	FRAC W/113,940 GALS GEL, 144,956# 16/30 WHITE SAND, 32,289# 16/30 SIBERPROP.

RECLAMATION
DUE 11-23-13

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
05/23/2013	05/26/2013	24	→	47.0	123.0	282.0	39.3	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	→	47	123	282	2617		

ACCEPTED FOR RECORD
SEP 22 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 #219512 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** 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
RUSTLER	341	1077	ANHYDRITE	RUSTLER	341
SALADO	512		SALT	TOP SALT	512
YATES	1190		SANDSTONE	YATES	1190
QUEEN	2081		SANDSTONE & DOLOMITE	QUEEN	2081
SAN ANDRES	2798		DOLOMITE & LIMESTONE	SAN ANDRES	2798
GLORIETA	4232		SANDSTONE	GLORIETA	4232
YESO	4764		DOLOMITE & ANHYDRITE	YESO	4764

32. Additional remarks (include plugging procedure):
Logs will be 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 #219512 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 09/17/2013 (13KMS7258SE)**

Name (please print) CHASITY JACKSON Title PREPARER

Signature _____ (Electronic Submission) Date 09/09/2013

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.