

NM OIL CONSERVATION
ARTESIA DISTRICT

OCD Artesia
JUL 14 2014

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator: COG OPERATING LLC
Contact: BRIAN MAIORINO
E-Mail: bmaiorino@concho.com

3. Address: ONE CONCHO CENTER 600 WILLINOIS AVENUE
MIDLAND, TX 79701
3a. Phone No. (include area code): Ph: 432-221-0467

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: NWSW 2045FSL 405FWL
At top prod interval reported below: NWSW 2045FSL 405FWL
At total depth: NWSW 2045FSL 405FWL

5. Lease Serial No.: NMMNM92180

6. If Indian, Allottee or Tribe Name: _____

7. Unit or CA Agreement Name and No.: _____

8. Lease Name and Well No.: GOLD RUSH 29 FEDERAL 2

9. API Well No.: 30-015-34081-00-S1

10. Field and Pool, or Exploratory: NASH DRAW 47543

11. Sec., T., R., M., or Block and Survey or Area: Sec 29 T23S R30E Mer NMP

12. County or Parish: EDDY
13. State: NM

14. Date Spudded: 04/30/2005
15. Date T.D. Reached: 05/14/2005
16. Date Completed: 07/14/2005
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)*: 3104 GL

18. Total Depth: MD 7347, TVD _____
19. Plug Back T.D.: MD _____, TVD _____
20. Depth Bridge Plug Set: MD 7118, TVD _____

21. Type Electric & Other, Mechanical Logs Run (Submit copy of each): 3104 GL

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	48.0	0	625		720		0	
11.000	8.625	32.0	0	3300		850		0	
7.875	5.500	17.0	0	7347		490		1360	

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	4130							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	4233	4240	4233 TO 4240	0.410	30	OPEN
B)			7172 TO 7236	0.420	52	PLUGGED OFF
C)						
D)						

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

Depth Interval	Amount and Type of Material
4233 TO 4240	ACIDIZE W/1500 GAL 15%

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

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 #250448 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

Dry Hole

ACCEPTED FOR RECORD

JUL 8 2014

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.)
UNKNOWN

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
SALADO	637	3236	SALT	TOP SALT	637
DELAWARE	3423	3458	LIMESTONE	DELAWARE	3423
BELL CANYON	3458	4316	SILT SAND AND CARB	BELL CANYON	3458
CHERRY CANYON	4316	5569	SILT SAND AND CARB	CHERRY CANYON	4316
BRUSHY CANYON	5569	7220	SILT SAND AND CARB	BRUSHY CANYON	5569
BONE SPRING	7220		LIMESTONE	BONE SPRING	7220

32. Additional remarks (include plugging procedure):
No oil or gas shows, will submit NOI to P&A

well bore does not penetrate base of bone spring.

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 #250448 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 06/23/2014 (14DW0102SE)**

Name (please print) BRIAN MAIORINO Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 06/23/2014

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.