

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMLC054988A

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: BRIAN MAIORINO  
E-Mail: bmaiorino@concho.com

8. Lease Name and Well No  
BERRY A FEDERAL 11

3. Address 550 WEST TEXAS AVENUE SUITE 100  
MIDLAND, TX 79701  
3a. Phone No. (include area code)  
Ph 432-221-0467

9. API Well No.  
30-015-30669-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SENW 1700FNL 2260FWL  
 At top prod interval reported below SENW 1700FNL 2260FWL  
 At total depth SENW 1700FNL 2260FWL

10. Field and Pool, or Exploratory  
~~Mesa~~ - GLORIETA YESO  
 11. Sec., T., R., M., or Block and Survey  
or Area Sec 21 T17S R30E Mer NMP  
 12. County or Parish  
EDDY  
 13. State  
NM

14. Date Spudded 10/05/1999  
 15. Date T.D Reached 05/10/2012  
 16. Date Completed  
 D & A  Ready to Prod.  
 06/05/2012

17. Elevations (DF, KB, RT, GL)\*  
3664 KB

18 Total Depth MD 6228 TVD 6228  
 19. Plug Back T.D.: MD 6168 TVD 6168  
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CCL DLL SGR-ICT-DSN RCB-CCL-GRL  
 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 Cemen-ter Depth	No of Sk & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.370 K-55	54.5	0	485		450		0	
12.250	8.625 K-55	24.0	0	1120		475		0	
7.875	5.500 J-55	17.0	0	4907		1125		0	
4.750	4.000 L-80	11.3	0	6224	4852	140			

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	4590							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5240	6040	4397 TO 4859	0.500	116	SQUEEZED OFF
B)			4397 TO 4860	0.500	116	squeezed off
C)			5240 TO 5440	0.410	24	OPEN
D)			5540 TO 5740	0.410	26	OPEN

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
4397 TO 4859	CEMENT SQUEEZE W/300 SACKS CLASS C NEAT
4397 TO 4860	gal 30# linear gel, 81020# 16/30 Ottawa sand, 15060 siber prop
4397 TO 4860	Gallons 20% HCL Acid
4397 TO 4860	Gallons 15% NEFE Acid

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
06/05/2012	06/27/2012	24	→	18.0	11.0	121.0	24.7	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	70.0	→	18	11	121	611	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	
			→						

**RECEIVED**  
JUL 24 2012  
**NMOCD ARTESIA**

**ACCEPTED FOR RECORD**  
JUL 21 2012  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

*Handwritten initials*

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
SALADO	1076			SALADO	1076
YATES	1197			YATES	1197
QUEEN	2139			QUEEN	2139
SAN ANDRES	2859			SAN ANDRES	2859
GLORIETA	4308			GLORIETA	4308
YESO	4388			YESO	4388
PADDOCK	4397	4860			
TUBB	5809				

32 Additional remarks (include plugging procedure):  
Logs sent in the mail.

- 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 #142060 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 07/13/2012 (12KMS2559SE)**

Name (please print) BRIAN MAIORINO Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission) Date 07/02/2012

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.

**Additional data for transaction #142060 that would not fit on the form**

**26. Perforation Record, continued**

Perf Interval	Size	No. Holes	Perf Status
5840 TO 6040	0.410	26	OPEN

**27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued**

Depth Interval	Amount and Type of Material
5240 TO 5440	ACIDIZE W/1500 GALS 15%, FRAC W/109439 GALS R15 CARRYING 142171# 16/30 OTTAWA W/23931# 16/30 SIC
5540 TO 5740	ACIDIZE W/1500 GALS 15%, FRAC W/113995 GALS R15 CARRYING 146073# 16/30 OTTAWA W/ 29160# 16/30 SIC
5840 TO 6040	ACIDIZE W/2500 GALS 15%, FRAC W/112804 GALS R15 CARRYING 144378# 16/30 OTTAWA W/ 29428# 16/30 SIC