

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
AUG 20 2013  
CONCHO ARTESIA

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOGS**

5. Lease Serial No.  
NMLC058362

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM111789X

8. Lease Name and Well No.  
DODD FEDERAL UNIT 521

9. API Well No.  
30-015-40596-00-S1

10. Field and Pool, or Exploratory  
DODD - GLORIETA-UPPER YESO

11. Sec., T., R., M., or Block and Survey  
or Area Sec 11 T17S R29E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3636 GL

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

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: SANDY BALLARD  
E-Mail: sballard@concho.com

3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701 3a. Phone No. (include area code)  
Ph: 432-685-4373

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SWSE 515FSL 1880FEL  
At top prod interval reported below SWSE 515FSL 1880FEL  
At total depth SWSE 515FSL 1880FEL

14. Date Spudded  
04/01/2013 15. Date T.D. Reached  
04/06/2013 16. Date Completed  
 D & A  Ready to Prod.  
04/24/2013

18. Total Depth: MD 4561 TVD  
19. Plug Back T.D.: MD 4516 TVD  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUT HGNS

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	269		400		0	
11.000	8.625 J-55	24.0	0	1037		500		0	
7.875	5.500 J-55	17.0	0	4561		900		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	4459							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4135	4385	4135 TO 4385	0.340	26	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4135 TO 4385	ACIDIZE W/2000 GALS 15% HCL
4135 TO 4385	FRAC W/113,406 GALS GEL, 119,738# 16/30 BROWN SAND, 20,959# SIBERPROP

**RECLAMATION**  
DATE 10-24-13

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
04/28/2013	04/29/2013	24	→	93.0	168.0	312.0	39.8	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	
		75.0	→	93	168	312	1806		

**ACCEPTED FOR RECORD**

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	
			→						

AUG 17 2013

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

ELECTRONIC SUBMISSION #215465 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

SW

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	246	893	ANHYDRITE	RUSTLER	246
SALADO	703		SALT	TOP SALT	703
YATES	1032		SANDSTONE	YATES	1032
QUEEN	1982		SANDSTONE & DOLOMITE	QUEEN	1982
SAN ANDRES	2471		SANDSTONE & DOLOMITE	SAN ANDRES	2471
GLORIETA	4093		SANDSTONE	GLORIETA	4093
YESO	4169		DOLOMITE & ANHYDRITE	YESO	4169

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 #215465 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 08/07/2013 (13KMS6960SE)**

Name (please print) SANDY BALLARD Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission) Date 07/31/2013

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.

**Revisions to Operator-Submitted EC Data for Well Completion #215465**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMLC058362	NMLC058362
Agreement:	NMNM111789X	NMNM111789X (NMNM111789X)
Operator:	COG OPERATING LLC 600 W. ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432-685-4373	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
Admin Contact:	SANDY BALLARD AUTHORIZED REPRESENTATIVE E-Mail: sballard@concho.com  Ph: 432-685-4373	SANDY BALLARD AUTHORIZED REPRESENTATIVE E-Mail: sballard@concho.com  Ph: 432-685-4373
Tech Contact:	SANDY BALLARD AUTHORIZED REPRESENTATIVE E-Mail: sballard@concho.com  Ph: 432-685-4373	SANDY BALLARD AUTHORIZED REPRESENTATIVE E-Mail: sballard@concho.com  Ph: 432-685-4373
Well Name: Number:	DODD FEDERAL UNIT 521	DODD FEDERAL UNIT 521
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 11 T17S R29E Mer 515FSL 1880FEL	NM EDDY Sec 11 T17S R29E Mer NMP SWSE 515FSL 1880FEL
Field/Pool:	DODD; GLORIETA-UPPER YESO	DODD - GLORIETA-UPPER YESO
Logs Run:	COMPENSATED NEUTRON CCL/HNGS	COMPENSATEDNEUT HNGS
Producing Intervals - Formations:	PADDOCK	PADDOCK
Porous Zones:	RUSTLER SALADO YATES QUEEN SAN ANDRES GLORIETA YESO	RUSTLER SALADO YATES QUEEN SAN ANDRES GLORIETA YESO
Markers:	RUSTLER TOP SALT YATES QUEEN SAN ANDRES GLORIETA YESO	RUSTLER TOP SALT YATES QUEEN SAN ANDRES GLORIETA YESO