

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
 AUG 20 2013  
 MOCD ARTESIA  
 REPORT AND LOGS

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC058362

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____						7. Unit or CA Agreement Name and No. NMMN111789X	
2. Name of Operator COG OPERATING LLC				Contact: SANDY BALLARD E-Mail: sballard@concho.com		8. Lease Name and Well No. DODD FEDERAL UNIT 521	
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701				3a. Phone No. (include area code) Ph: 432-685-4373		9. API Well No. 30-015-40596-00-S1	
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						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	
14. Date Spudded 04/01/2013		15. Date T.D. Reached 04/06/2013		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/24/2013		17. Elevations (DF, KB, RT, GL)* 3636 GL	
18. Total Depth: MD TVD 4561		19. Plug Back T.D.: MD TVD 4516		20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT HNGS				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

## 23. Casing and Liner Record (Report all strings set in well)

[illegible]

## 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

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

## 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
	<b>RECLAMATION</b>

## 28. Production - Interval A

Date First Produced 04/28/2013	Test Date 04/29/2013	Hours Tested 24	Test Production ▶	Oil BBL 93.0	Gas MCF 168.0	Water BBL 312.0	Oil Gravity Corr. API 39.8	Gas Gravity 0.60	Production Method ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 75.0	24 Hr. Rate ▶	Oil BBL 93	Gas MCF 168	Water BBL 312	Gas:Oil Ratio 1806	Well Status ABOVE THE 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 2018 8

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

**ELECTRONIC SUBMISSION #215465 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

PROBATION DEPARTMENT  
CARLSBAD FIELD OFFICE

~~DEPT. OF LAND MANAGEMENT~~  
~~BLM-REVISED~~  
~~CARLSBAD FIELD OFFICE~~

2/5

## 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 BALLARDTitle AUTHORIZED REPRESENTATIVESignature (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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

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

	Operator Submitted	BLM Revised (AFMSS)
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