

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. NMNM111789X		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. DODD FEDERAL UNIT 900H		
3. Address ONE CONCHO CENTER 600 WILLINOIS AVENUE MIDLAND, TX 79701			9. API Well No. 30-015-40357-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW 350FNL 1475FWL At top prod interval reported below NENW 350FNL 1475FWL At total depth NENE 439FNL 154FEL			10. Field and Pool, or Exploratory DODD - GLORIETA-UPPER YESO		
14. Date Spudded 05/31/2013			15. Date T.D. Reached 06/14/2013		
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/29/2013			17. Elevations (DF, KB, RT, GL)* 3656 GL		
18. Total Depth: MD 8161 TVD 4639		19. Plug Back T.D.: MD 8069 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT MCFL HNGS			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	266		400		0	
12.250	9.625 J-55	40.0	0	1355		500		0	
8.750	7.000 L-80	26.0	0	4151					
7.875	5.500 L-80	17.0	4151	8159		1250		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	4253							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4907	8007	4907 TO 5217	0.430	36	Open
B)			5372 TO 5682	0.430	36	Open
C)			5837 TO 6147	0.430	36	Open
D)			6302 TO 6612	0.430	36	Open

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

Depth Interval	Amount and Type of Material
4907 TO 5217	gal gel, 7455 gal WF, 13832 gal SW, 255165# 20/40 Br Sd, 55280# 16/30 CRC, 5041# 100 mesh
4907 TO 5217	gal 15% NEFE
5372 TO 5682	gal gel, 6858 gal WF, 17767 gal SW, 254917# 20/40 Br Sd, 44209# 16/30 CRC, 4483# 100 mesh
5372 TO 5682	gal 15% NEFE

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
07/30/2013	07/31/2013	24	→	339.0	615.0	591.0	37.4	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	→	339	615	591	1814	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
			→						DEC 28 2013
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 #226509 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

RECLAMATION
DUE 1-29-14

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	805		SALT	TOP SALT	805
YATES	971		SANDSTONE	YATES	971
QUEEN	1758		SANDSTONE & DOLOMITE	QUEEN	1758
GRAYBURG	2183		SANDSTONE & DOLOMITE	GRAYBURG	2183
GLORIETA	3898		SANDSTONE	GLORIETA	3898
YESO	4001		DOLOMITE & ANHYDRITE	YESO	4001

32. Additional remarks (include plugging procedure):

ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED...

5837 - 6147 Acidize w/4017 gals 15% NEFE. Frac w/202,516 gals gel, 6,337 gals WF, 20,405 gals slickwater, 250,391# 20/40 brown sand, 45,571# 16/30 CRC, 4,944# 100 Mesh.

6302 - 6612 Acidize w/3922 gals 15% NEFE. Frac w/200,342 gals gel, 6,784 gals WF, 22,040 gals slickwater, 253,816# 20/40 brown sand, 49,020 16/30 CRC, 3,823# 100 Mesh.

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 #226509 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/19/2013 (14KMS7897SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 11/12/2013

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 **

Additional data for transaction #226509 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
6767 TO 7077	0.430	36	Open
7235 TO 7545	0.430	36	Open
7698 TO 8007	0.430	36	Open

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

Depth Interval	Amount and Type of Material
5837 TO 6147	gal gel, 6337 gal WF, 20405 gal SW, 250391# 20/40 Br Sd, 45571# 16/30 CRC, 4944# 100 mesh
5837 TO 6147	gal 15% NEFE
6302 TO 6612	gal 15% NEFE
6302 TO 6612	gal gel, 6784 gal WF, 22040 gal SW, 253816# 20/40 Br Sd, 49020# 16/30 CRC, 3823# 100 mesh
6767 TO 7077	gal gel, 7278 gal WF, 22987 gal SW, 249917# 20/40 Br Sd, 52715# 16/30 CRC, 4971# 100 mesh.
6767 TO 7077	gal 15% NEFE
7235 TO 7545	gal gel, 7730 gal WF, 23824 gal SW, 254350# 20/40 Br Sd, 46220# 16/30 CRC, 5092# 100 mesh
7235 TO 7545	gal 15% NEFE
7698 TO 8007	gal gel, 8156 gal WF, 13037 gal SW, 252783# 20/40 Br sd, 50156# 16/30 CRC, 5006# 100 mesh
7698 TO 8007	gal 15% NEFE

32. Additional remarks, continued

6767 - 7077 Acidize w/4096 gals 15% NEFE. Frac w/204,524 gals gel, 7,278 gals WF, 22,987 gals slickwater, 249,917# 20/40 brown sand, 52,715# 16/30 CRC, 4,971# 100 Mesh.

7235 - 7545 Acidize w/4081 gals 15% NEFE. Frac w/204,739 gals gel, 7,730 gals WF, 23,824 gals slickwater, 254,350# 20/40 brown sand, 46,220# 16/30 CRC, 5,092# 100 Mesh.

7697 - 8007 Acidize w/2868 gals 15% NEFE. Frac w/201,454 gals gel, 8,156 gals WF, 13,037 gals slickwater, 252,783# 20/40 brown sand, 50,156# 16/30 CRC, 5,006# 100 Mesh.

Logs will be mailed.