

JUL 30 2014

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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

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.		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. JR'S HORZ FEDERAL COM 3H		
3. Address ONE CONCHO CENTER 600 WILLINOIS AVENUE MIDLAND, TX 79701			9. API Well No. 30-015-37842-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T26S R29E Mer NMP At surface NWNE 480FNL 1980FEL At top prod interval reported below Sec 10 T26S R29E Mer NMP At total depth SWSE 331FSL 2014FEL			10. Field and Pool, or Exploratory CORRAL CANYON		
14. Date Spudded 04/25/2014			15. Date T.D. Reached 05/10/2014		13. State NM
16. Date Completed ☐ D & A ☒ Ready to Prod. 06/12/2014			17. Elevations (DF, KB, RT, GL)* 2990 GL		
18. Total Depth: MD 13003 TVD 8766		19. Plug Back T.D.: MD 12950 TVD 8766		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	450		480		0	
12.250	9.625 J55	36.0	0	3065		1050		0	
8.750	5.500 P110	17.0	0	13003		2550		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)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8888	12910	8888 TO 12850	0.430	504	OPEN
B)			12900 TO 12910		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8888 TO 12850	SEE IN REMARKS

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
06/14/2014	06/18/2014	24	→	402.0	750.0	2493.0		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
26/64"	SI	1150.0	→	402	750	2493		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	
			→						

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

ELECTRONIC SUBMISSION #253421 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD

JUL 26 2014

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
FLOWS FROM WELL

**RECLAMATION
DUE 12-12-14**

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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.)

FLARED

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
DELAWARE BONE SPRING	3031	6814		RUSTLER	455
	6815	8766			598
				TOP SALT	2838
				BASE OF SALT	3031
				LAMAR	3064
				BELL CANYON	3910
				CHERRY CANYON	5340
				BRUSHY CANYON	

32. Additional remarks (include plugging procedure):

Perfs 7 1/2% Acid Sand# Fluid (Gal)
 12657-12850' 10996 449734 442260
 12367-12560' 6048 446055 370734
 12075-12270' 6006 448565 369012
 11791-11980' 6006 447505 369978
 11497-11690' 6048 443064 369390
 11207-11405' 6024 448572 367374
 10917-11107' 6006 448478 366156

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 #253421 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 07/18/2014 (14DW0190SE)

Name (please print) STORMI DAVISTitle PREPARERSignature (Electronic Submission)Date 07/17/2014

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #253421 that would not fit on the form

32. Additional remarks, continued

10627-10821' 6024 444567 411222
10338-10531' 6024 449875 367668
10046-10241' 6048 449902 376194
9755-9951' 6048 452548 366786
9468-9661' 6174 446484 288246
9178-9371' 6048 450372 304458
8888-9081' 5964 450017 365568

Additional Tops:

1st Bone Spring 7730
2nd Bone Spring 8583

JR'S HORZ FEDERAL COM #3H**30-015-37842****Sec 10-T26S-R29E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
12657-12850'	10996	449734	442260
12367-12560'	6048	446055	370734
12075-12270'	6006	448565	369012
11791-11980'	6006	447505	369978
11497-11690'	6048	443064	369390
11207-11405'	6024	448572	367374
10917-11107'	6006	448478	366156
10627-10821'	6024	444567	411222
10338-10531'	6024	449875	367668
10046-10241'	6048	449902	376194
9755-9951'	6048	452548	366786
9468-9661'	6174	446484	288246
9178-9371'	6048	450372	304458
8888-9081'	5964	450017	365568
Totals	89464	6275738	5135046