



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

Corrected
Amended

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
b. Type of Completion. ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other SWD

2. Name of Operator
COG Operating LLC

3. Address
550 W Texas Ave, Suite 100, Midland, TX 79701

3a. Phone No (include area code)
432-686-7332

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Lot P, 840 FSL, 660 FEL
At top prod. interval reported below Lot P, 840 FSL, 660 FEL
At total depth Lot P, 840 FSL, 660 FEL

5. Lease Serial No
NM LC-028936D

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No
Loco Hills SWD 33 #4

9. API Well No
30-015-37269

10. Field and Pool or Exploratory
SWD; Wolfcamp

11. Sec., T., R., M., on Block and
Survey or Area Sec 33, T17S, R 30E

12. County or Parish
Eddy

13. State
NM

14. Date Spudded
01/13/2010

15. Date T.D. Reached
02/06/2010

16. Date Completed 04/01/2010
☐ D & A ☐ Ready to Prod

17. Elevations (DF, RKB, RT, GL)*
3580 GL

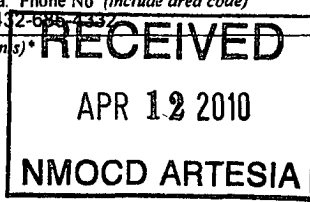
18. Total Depth. MD 9700
TVD 9700

19. Plug Back T.D. MD 9635
TVD 9635

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Compensated Neutron, Hi-Res Laterolog

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



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
17-1/2	13-3/8, J55	48#		440		740sx, Class C		Surface	
12-1/4	9-5/8, K55	40#		4025		1600sx, Class C		Surface	
8-3/4	7, P110	26#		9700		1250sx, Class C		Surface	

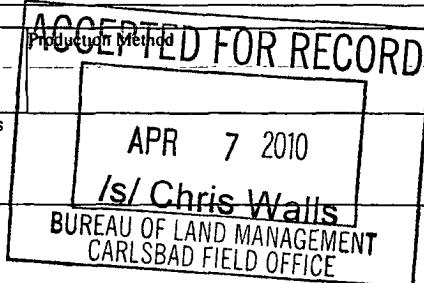
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3-1/2	8481	8467	7					

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp	8540	8900	8540 - 8900	0.41	362	Open
B) Wolfcamp	8950	9250	8950 - 9250	0.41	520	Open
C)						
D)						

Depth Interval	Amount and Type of Material
8540 - 8900	Acidized w/ 7,500 gals 15% Acid
8950 - 9250	Acidized w/ 7,500 gals 15% Acid
8540 - 9250	Frac w/ 115,000 gals 15% Acid, 60,000 gals gel, 30,000# Rock Salt, Flush w/ 450bbls fresh water

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						Salt Water Disposal Well
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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 page 2)

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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 (Solid, used for fuel, vented, etc.)

N/A

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
Yates	1490		Dolomite & Sand	Dolomite & Sand	1490
Queen	2505		Sand	Sand	2505
San Andres	3340		Dolomite & Anhydrite	Dolomite & Anhydrite	3340
Glorieta	6489		Sand & Dolomite	Sand & Anhydrite	6489
Yeso	6686		Dolomite & Anhydrite	Dolomite & Anhydrite	6686
Tubb	8315		Sand	Sand	8315

32. Additional remarks (include plugging procedure).

33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other.

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Kanicia Carrillo

Title Regulatory Analyst

Signature

Date 04/01/2010

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.

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