

**Well: ECGS 31-7 WP-D005-1**  
**Current Status: D2/D3 INJ/WD Well**  
**Status Date: 010/13/2016**

API #: 05-075-09410  
 Operator: East Cheyenne Gas Storage  
 KB: 4557'  
 Ground Level: 4543'  
 Location: 1065' FSL 2185' FWL  
 SESW Sec 31-T12N-R52W-6PM  
 Logan County, CO

Completion Date: 10/26/2012

PBTD: 5213'

Total Depth: 5260'

Surface Casing: 13-1/2" hole with 9-5/8" 36# J-55 casing set @ 1218' cemented to surface with 780 Sx

Production Casing: 8-3/4" hole with 7" 26# casing set @ 5247' cemented with 130 sx TOC 3760' (10-18-2012)

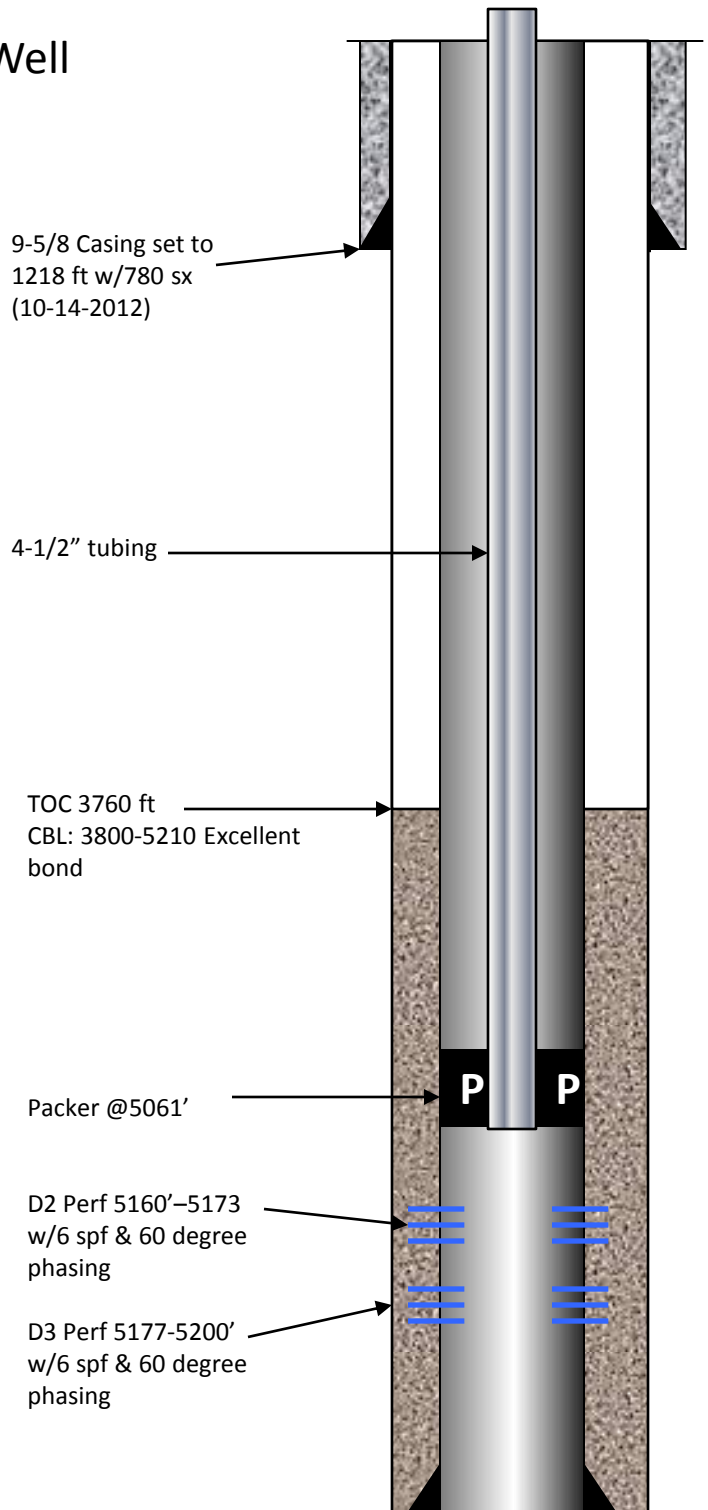
Perforation : 5160'-5173', 5177'-5190' & 5190-5200 with 6 spf 60 degree phasing (10-13-2016)

Packer: ArrowSet AS1X w/T-2 on/off tool set @ 5022' w/22,000 compression

Tubing: 4-1/2" 10.5# J-55 8 rd STD EUE tubing set @ 5036'

Formation Tops: Graneros Shale 5050'  
 D Sand 5145'  
 Huntsman 5200'

Note: Short joint@5048 feet; Well was given 19,420 lbs scour frac on 10-13-2016.



TD:5260'

PBTD @5213'