



Recommended Procedure

Plug and Abandonment

Operator:	Utah Gas Corporation		
Well name:	Douglas Creek Unit #78X		
Legal:	NESW, Section 5, Township 3 South, Range 101 West		
GPS:	39.814668, -108.756983		
Location:	Rio Blanco County, Colorado		
API:	05-103-10003		
Surface:	7" 23# at 180'	Hole size: 8-3/4"	TOC: Surface
Tubing:	2-3/4" 4.7# at 198'		
Open Hole:	8-3/4" from 180' to 202'		
TD:	202'		

All depths are already offset for 7' KB

*** Procedure based off of operator provided wellbore diagram, NOT an approved procedure***

1. Ensure that COGCC/BLM have been notified 48 hours prior to rig up
2. Conduct pre-job safety meetings, complete daily JSAs/equipment inspections
3. Prior to MIRU, check rig anchors and record initial shut-in pressures on tubing and casing
4. Dig out around wellhead and check surface annulus for pressure and record
5. MIRU P&A equipment, blow down well/kill if necessary, NDWH, NUBOP
6. TOH and tally tubing to derrick, LD BHA
 - a. Inspect tubing for holes/damaged threads/collars, LD any bad tubing
7. PU 7" 23# bit and casing scraper, TIH to 175', TOH
8. PU 7" 23# casing sized CIBP, TIH and set at 155' (25' above surface casing shoe)
9. Circulate wellbore clean, pressure test casing to 1,000 psi for 30 minutes
 - a. If pressure test fails, call for orders
10. Pump 30 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top of CIBP
 - a. 30 sxs is 156' in 7" 23# casing, TOC: Surface
11. TOH and LD tubing, top off well
12. RDMO, dig out and cut off wellhead 4' below ground level, verify cement at surface
13. Weld info plate onto casing
14. Backfill pit, clean location, P&A complete

This procedure may be revised based on COGCC Conditions of Approval. All cement volumes use 10% per 1000' of depth, both inside and outside per Colorado Regulations. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield. Water spacers shall be used both ahead of and behind balanced plug cement slurry to minimize cement contamination by any wellbore fluids that are incompatible with the cement slurry.