

## ***Ditirro Plugging***

### ***Recommended Procedure***

### ***Plug and Abandonment***

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<b>Operator:</b>	TOP Operating Company		
<b>Well Name:</b>	Dita (J. Ditirro) #1		
<b>Legal:</b>	SWNW Section 30 Township 2N Range 66W 6 PM		
<b>Location:</b>	Weld County, Colorado		
<b>GPS:</b>	40.11088, -104.828401		
<b>API:</b>	05-123-08487		
<b>Surface:</b>	8-5/8" 24# at 539'	<b>Hole size:</b> 12-1/4"	<b>TOC:</b> Surface
<b>Production:</b>	4-1/2" 10.5# at 4,771'	<b>Hole size:</b> 7-7/8"	<b>TOC:</b> 4000' (est.)
<b>Perforations:</b>	4,591 - 4,659" (Sussex)		
<b>TD:</b>	4,773		
<b>Note:</b>	Deepest water well within 1-mile radius: 675'		

**\*Procedure is based off of known wellbore information. A CBL will be run to verify wellbore configuration. This is not a final procedure\***

1. Conduct pre-job safety meeting and complete daily JSA
2. Run cement bond log (CBL) to determine location of cement tops
3. Analyze CBL
  - a. If cement locations differ from locations in COGCC database, contact COGCC with revised procedure and obtain approval for procedure before proceeding.
4. Conduct pre-job safety meeting and complete daily JSA
5. Ensure that bradenhead test has been performed or perform bradenhead test
  - a. Surface casing shoe cannot be pumped until there is no pressure in bradenhead
6. Prior to MIRU, check rig anchors and blow down well if necessary
7. Dig out around wellhead and check surface annulus for pressure
  - a. If present call Paul Herring #720-663-1698 for orders
8. Retool pump jack to prepare for plugging, remove sucker rods and pump
9. TOH and tally of tubing 192 jts to derrick if present
10. MIRU P&A equipment, NDWH, NUBOP
11. RU wireline, PU 4-1/2" 10.5#, TIH to 4450', TOH
12. PU 4-1/2" 10.5#, 10K, CIBP, TIH and set at 4450', TOH
13. TIH and CDB 2 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top, TOH
  - a. 2 sxs is 26' in 4-1/2", TOC: 4,424"
14. RU wireline, TIH and perforate casing at 650', TOH, RD wireline
15. Establish circulation to surface via perforations
16. Circulate 200 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
17. Dig out and cut off wellhead, verify cement at surface, top off if necessary
18. Weld info plate onto casing, backfill pit, clean location, P&A complete