



MERTENS 1-19  
REDTAIL  
Re-Plug and Abandon  
API No. 0512320076  
AFE #14-0226

WELL DATA

Surface Location: 660' North & 1790' FEL of Sec 19, T10N, R57W, Weld County, CO

Elevations: Ground Level: 4786 ft Kelly Bushing: 4796 ft (10' KB)

Depths: Total Depth: 6522 ft KBMD

Surface Casing:

<u>OD</u>	<u>Grade</u>	<u>Weight</u>	<u>ID</u>	<u>Drift</u>	<u>Cap</u>	<u>Collapse</u>	<u>Burst</u>	<u>Tensile</u>
8-5/8"	J-55	24	8.097 in	7.972 in	0.0637 bbl/ft	1370 psi	2950 psi	N/A

OBJECTIVE

The following is a procedure to drill out existing cement plugs and re-plug in order to properly isolate the Mertens 1-19 well.

Re-Plug and Abandon Procedure

1. Notify COGCC at least 48-hours prior to the start of operations. See approved Form 2 for exact contact information.
2. MIRU Bayou Rig. Mob-in pump, swivel, tank, and 2-7/8" workstring. NU 7-1/16" 5K BOP w/ 2-7/8" pipe rams on top and blind rams on bottom, function test BOP. PU bit & TIH on 2-7/8" tubing.
3. Drill out existing cement plugs down to 288'.
4. Clean out to top of Niobrara Formation @ 5,500'.
5. MIRU cement equipment. Set 200' balanced plug @ 5,500'. Let cement cure overnight.
6. Tag TOC with EOT.
7. PU to 800' FS and set 200' balanced plug. Let cement cure overnight.
8. Tag TOC w/ EOT.
9. PU to 288' FS and set cement plug to surface.
10. Cut off WH to 5' below GL and fill hole.
11. Weld on cap with plugging information plate. Backfill cellar.
12. RDMO rig and equipment.
13. Take GPS coordinates of well location. Send information to:  
James Kopp [James.Kopp@whiting.com](mailto:James.Kopp@whiting.com) (303) 357-1410
14. Reclaim disturbed surface.

**SAFETY & ENVIRONMENTAL****\*\*EMERGENCY CONTACTS BELOW\*\***

Whiting Operating stresses safety and environmental stewardship in all operations. Safety tailgate meetings are encouraged prior to commencing with any major wellsite task. Spills of notable size should be reported and recorded. The proper personal protective equipment (PPE) should be worn at all times while on location. Should there be any questions regarding Whiting's safety/environmental policies, the Wellsite Supervisor will provide instruction.

**EMERGENCY CONTACT INFORMATION**

<b>Contacts</b>	<b>Phone Number &amp; Description</b>
<b>EMERGENCY</b>	<b>911 or (800) 472-2121</b>
<b>Sheriff's Department (Sterling, CO)</b>	<b>(970) 522-3512 (Logan County)</b>
<b>New Raymer Fire Dept</b>	<b>(970) 437-5713</b>
<b>After Hours Emergency (WOG)</b>	
<b>Engineer: James Kopp</b>	<b>Cell: (303) 681-1997, Office: (303) 357-1410</b>
<b>Operations Supervisor: Mike Staab</b>	<b>Cell: (307) 299-0095, Office: (970) 493-2900</b>