



**Van der Linden 1
REDTAIL
Plug and Abandon
API No. 051230578400
AFE #**

WELL DATA

Surface Location: 660' FNL & 660' FEL of Sec 11, T10N, R59W, Weld County, CO

Elevations: Ground Level: 4957 ft Kelly Bushing: N/A ft

Depths: Total Depth: N/A ft KBMD

Surface Casing: No records available

<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>
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

OBJECTIVE

The following is a procedure to drill/clean out the Van der Linden 1 well to a depth that will allow for remedial cement plugs to be placed in order to properly plug & abandon the well. The lack of historical records on this well requires Whiting to attempt to enter the well with caution. Depths of proposed cement plugs were picked using an induction log from the offset DA well Keith Nelson 1 which is approximately 1-mile to the East.

Re-Plug and Abandon Procedure

1. Notify COGCC at least 48-hours prior to the start of operations using a Form 42. Verify with James Kopp that this is completed prior to moving the rig in.
2. Take GPS coordinates of well location. Send information to:
James Kopp James.Kopp@whiting.com (303) 357-1410
3. MIRU Completions Rig. Mob-in pump, swivel, tank, and 2-7/8" PH-6 workstring. Determine appropriate size wellhead and BOP to us in operation. NU BOP w/ 2-7/8" pipe rams on top and blind rams on bottom, pressure test high and low.
4. Drill/clean out to approximately 550'. POOH with workstring standing back.
5. MIRU wireline and caliper tools. Make caliper run to approximately 500'. Verify size and length of surface casing.
5. Drill/clean out to approximately 4,100'.
6. Once depth has been reached, TOO H with 2-7/8" workstring standing back.
7. MIRU gyro equipment. PU tools and RIH while logging down to 4,100 ftKB. POOH while logging, LD tools.
8. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 90 sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug at 4,100 ftKB. TOO H with 2-7/8" workstring standing back. Let cement cure overnight.
9. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.
10. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 90 sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug at 1,900 ftKB. TOO H with 2-7/8" workstring standing back. Let cement cure overnight.
11. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.

12. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug from 500 ftKB to surface. TOOH with 2-7/8" workstring, LD on float.
13. Cut off WH to 5' below GL and fill hole.
14. Weld on cap with plugging information plate. Backfill cellar.
15. 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

Contacts	Phone Number & Description
EMERGENCY	911 or (800) 472-2121
Sheriff's Department (Sterling, CO)	(970) 522-3512 (Logan County)
New Raymer Fire Dept	(970) 437-5713
After Hours Emergency (WOG)	
Engineer: James Kopp	Cell: (303) 681-1997, Office: (303) 357-1410
Rig Supervisor: Bryan Olmstead	Cell: (970) 290-8333
Operations Supervisor: Mike Staab	Cell: (307) 299-0095, Office: (970) 493-2900