



**MADDY 2
REDTAIL
Re-Plug and Abandon
API No. 051232330200
AFE #**

WELL DATA

Surface Location: 960' FSL & 1,980' FWL of Sec 31, T10N, R57W, Weld County, CO

Elevations: Ground Level: 4,688 ft Kelly Bushing: 4,699 ft (11' KB)

Depths: Total Depth: 6,416 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	24.00 lb	8.097 in	7.972 in	0.0636 bbl/ft	1370 psi	2950 psi	244000 lbs

Production 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>
4-1/2"	J-55	11.60 lb	4.000 in	3.875 in	0.0155 bbl/ft	4960 psi	5350 psi	184000 lbs

OBJECTIVE

The following is a procedure to plug & abandon the Maddy 2 in order to properly isolate the well. Prior to setting cement plugs the existing 4-1/2" production casing will be cut and removed.

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 exposed wellhead. Send information to:
James Kopp James.Kopp@whiting.com (303) 357-1410
3. MIRU Bayou Rig. Mob-in pump, swivel, tank, and 2-7/8" PH-6 workstring.
4. MIRU wireline company. PU jet cutter tool & NU lubricator. RIH w/ jet cutter to 5,200' and cut 4-1/2" production casing. POOH with jet cutter tool. ND lubricator & LD jet cutter tool. RDMO wireline company.
5. PU and POOH with 4-1/2" csg. Inspect csg & LD. Send good casing to yard.
6. NU 7-1/16" 5K BOP w/ 2-7/8" pipe rams on top and blind rams on bottom, pressure test high and low. PU 2-7/8" workstring and TIH to 5,200'. Load hole with fresh water.
7. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 60 sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug at 5,200'. TOOH with 2-7/8" workstring standing back. Let cement cure overnight.
8. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.
9. PU to 800' FS. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 60 sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug at 900' KB. TOOH with 2-7/8" workstring standing back. Let cement cure overnight.
10. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.

11. PU to 275' FS. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 85 sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug from 275' KB to surface. TOOH with 2-7/8" workstring, LD on float.
12. Cut off WH to 5' below GL and fill hole.
13. Weld on cap with plugging information plate. Backfill cellar.
14. RDMO rig and equipment.
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