

RE-ENTRY PLUG AND ABANDONMENT PROCEDURE

Ernie Adamson Gas Unit # 1

Step	Description of Work
1	Locate and expose 8 5/8" casing stub. Extend stub to surface and install 8 5/8"x 11" SOW, 3M casing head with 3000 psi ball valves in both outlets. The 8-5/8" casing parted and approx. 24' was recovered during P&A in 1975, so expect to find the well ~20-30' below ground.
2	Prepare location for basebeam workover rig. Discuss with drilling construction foreman on necessary pad size and road upgrades needed for the drilling rig. Install perimeter fence as needed.
3	Provide 48 hr notice to COGCC prior to rig up per request on approved Form 6 (e.g. call field coordinator, submit Form 42, etc.).
4	MIRU openhole re-entry capable workover rig. NU 9" 3000 psi BOP stack on casing head. PT BOP and csg head per approved Form 2. Function test BOPE . NU rotating head on BOP. Hook up return line to shale shaker on flat tank. RU auxillary mud mixing equipment and tank.
5	PU 7 7/8" mill tooth bit, necessary drill collars and drill pipe. Drill through existing cement plugs at surface (25 sk) using drilling mud.
6	Once surface cement plug is drilled, continue RIH to top of fish at ~126 and tag. Circulate well with mud to get any gas out of hole.
7	TOOH and PU appropriate mill for fish. RIH and mill on fish. (Note: fish consists of 2 jtns of 8-5/8" surface casing, bottom part of bumper subovershot jars, 9 drill collars, and bit). If fish breaks loose, chase to bottom of well while circulating and milling as needed.
8	Once it is determined that fish will not move any further down the hole, spot a minimum 100 sack cement plug over fish. Contact Evans Engineering prior to cementing operations to get correct blends and size depending on depth of fish. Ideally, plugs would be set from 6540' - 7057' with 160 sx; from 4150' - 4550' with 390 sx and from 1500' to 100' with 1150 sx; and a CIPB would be set in the 8-5/8" casing at 100'. Consult Evans Engineering for detailed plugging procedure.
9	If fish will not budge from its initial location at ~164', Contact Evans Engineering for plan forward.
10	Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries to rscDJVendors@anadarko.com within 24 hrs of completion of the job.
11	Supervisor submit paper copies of all invoices, logs, and reports to Joleen Kramer.
12	Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
13	Excavate hole around surface casing enough to allow welder to cut casing minimum 5' below ground level.

- 14 Welder cut casing minimum 5' below ground level.
- 15 Fill casing to surface using 4500 psi compressive strength cement, (NO gravel).
- 16 Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
- 17 Obtain GPS location data as per COGCC Rule 215 and send to rscDJVendors@anadarko.com.
- 18 Properly abandon flowlines per Rule 1103. File electronic Form 42 once abandonment complete.
- 19 Back fill hole with fill. Clean location, level.
- 20 Submit Form 6 to COGCC ensuring to provide 'As performed' WBD identifying operations completed.