Southern Ute #17 SWD

La Plata County, Colorado
Sec 34 – T 33N – R 9W
Field: Ignacio Blanco
API: 05-067-07500

Status: Well is shut in as of 7/18/2013

Well History:

11/17/1990:	SPUD
3/20/1991:	Perf and Frac Bluff and Entrada
7/17/2006:	Replace tubing and packer, MIT.

Procedure

1. Comply w/ all Regulations, regulated by the EPA, BLM and COGCC. EPA has jurisdiction and decision authority.

2. Meet with lease operator. Complete Ownership Transfer form. Ensure all LO/TO is completed on well. Well and pump station were locked out following EPA onsite.

3. Uncover casing valves. Check pressure on all casing and tubing strings.

4. MIRU frac tanks and blow down manifold to be able to flow back as necessary.

5. Plug and set in BXN nipple at 8618'. Bleed off pressure. If plug does not hold, set plug in BX nipple at 8612'. Bleed off pressure.

6. MIRU workover rig and equipment. Conduct safety meeting w/ all personnel on location.

7. Order out 273 jts (~8600') of 2-7/8", 6.5# L-80 lined injection tubing and 2 7/8" x 7" injection packer and BHA assembly.

8. N/D wellhead. N/U spool and 2-3" lines to flowback tank. Blow down well as required.

9. N/U Class 3 BOP stack with annular. MIRU BOP tester. Test BOP's to 250#/2500#. RDMO BOP testers.

10. Rig up tubing handling equipment. Release Baker Model "L-10" on-off tool and monitor pressure. May need to circulate well with 12.5 ppg mud estimated weight to kill well.

11. POOH with 272 joints of 3-1/2", 9.3#, N-80 tubing and BHA as listed below. Lay down tubing as POOH.

Tubing Details

ORKBE = 6754' (18' above GL)

Qty	Item	Length (ft)	Top Depth (ft)
272	3 1/2" 9.3# N-80 EUE	8599	18.8
1	5 ½" x 3 ½" x 2.813" ID Baker Model L-10 On-Off tool with BX profile	2	8617.8
1	600-292 Baker Hornet Retrievable Casing packer w/ Nitrile elastomers	7.9	8619.6
1	3 ½" 9.2# EUE pup jt	6	8627.5
1	3 ½" x 2.813" ID Baker BX non-ported seating nipple	1	8633.6
1	3 ½" 9.2# EUE pup jt	6	8635
1	3 ½" x 2.813" ID Baker BXN non-ported with 2.635" No-GO ID, seating nipple	1	8641
1	3 ½" wireline entry guide	1	8642.6
	EOT @ 8643.1'		

12. Rig up wireline company to run casing inspection log. The log will be used to determine good pipe to set the packer in.

13. RIH w/ BHA and injection packer. RIH with 2-7/8", 6.5#, L-80 coated injection tubing. Set packer above existing packer, current estimate is at 8561'.

14. Set packer, set plug in profile nipple and test integrity of casing and tubing. Release from on/off tool if it is necessary to circulate out mud and load hole with corrosion inhibited water.

15. Latch on On/Off tool. Test integrity of On/Off tool.

16. N/D BOP and N/U wellhead. MIT test casing-tubing annulus to 700 psig with EPA representative notified to witness test. Chart for 30 min. Sign chart, have pump operator and any witnesses sign chart. Upon good test send tubing and packer detail with chart to EPA and copy other government agencies.

17. RU wireline and cut off 3 ½" tubing pup jt below the 3 ½" Hornet packer depth depends on whether plug is set in BXN or BX nipple. Make sure that 1900 psig is applied at surface to ensure that wireline is not surged up hole when tubing is cut.

18. RDMO workover rig and equipment, and clean location.

19. Notify production personnel in field office and contact pumper that well is ready to transfer. Complete Ownership Transfer form.

20. Injection cannot be started until approval is received from the EPA.

Tentative Final Tubing Details

ORKBE = 6754'

Qty	Item	Length (ft)	Top Depth (ft)
272	2 7/8" 6.5# L-80 lined EUE tubing	8541'	18
1	5 ½" x 2 7/8" x 2.31" ID Baker Model L-316 On-Off tool with BX profile	2	8559
1	Baker Retrievable Hydraulic Set Casing packer w/ Nitrile elastomers	5	8561
1	2 7/8" 6.5# EUE IPC pup jt	10	8566
1	2 7/8" x 2.31" ID X non-ported seating nipple	1	8576
1	2 7/8" 6.5# EUE IPC pup jt	10	8577
1	2 7/8" x 2.31" ID XN non-ported seating nipple	1	8587
1	2 7/8" 6.5# EUE IPC pup jt	10	8588
1	5 ½" x 3 ½" Baker Model L-10 On-Off tool	2	8598
	EOT @ 8600'		