

WELL HISTORY - GEOTHERMAL

Operator CE Exploration		Well Name and Number Newberry Crater TCH 76-15	
Field Newberry Crater	County Deschutes	State Oregon	UTM E 639160, N 4845665, Zone 10

DATE	HISTORY
10/12/1999	Move Halliburton's coil tubing unit and pump truck from highway 97 up to the location. Remove the 8" X 600 flange with a 2" X 5000# valve, install an 8"X 600 flange with a 3 1/8" X 2000 valve. Rig up the Halliburton coil-tubing unit. Try to test the BOP pipe rams, could not get a test. The well was dead and the pipe ram test was waved by the BLM (Dennis Simontacchi). Test the blind rams, the pressure would bleed from 1700 psi. to 500 psig in 5 min, the test was witnessed and approved by the BLM (Dennis Simontacchi). Cut a mule shoe on the 1 1/2" coil tubing. Run the coil tubing in the hole to 600'; did not tag the 3 1/2" HQ casing. Pull out of the hole. Make up the perforating gun, run in the hole to 2942', perforate at 2942' with 4-JSPF. Fill the hole and circulate 27 bbls of water, spot 300 linear foot cement plug at 2942', cement - 3 bbls (17cu/ft) 10.5 sacks of Class "G" cement with 40% SF and .65% CFR-3, 1.61 yield, calculated top 2642', CIP at 14:00 hrs. Pull above the plug, circulate the coil tubing clean, and pull out of the hole. Lay down the perforating gun, make up a 3 1/2" "no-go" on the coil tubing, run in the hole, tag the 3 1/2" HQ casing at 550', trip out, lay down the "no-go". Purge the coil tubing with N2, drain the well head tree, and secure the well. All operations witnessed and approved by BLM representative (Dennis Simontacchi).
10/13/1999	Change out the coil tubing units BOPE, the first set of BOP's had the wrong size pipe rams installed. Trip in the hole with coil tubing, tag the 1st cement plug at 2698', set 4,000 lbs. on the plug, 244 linear foot cement plug, 2698' to 2942'. Spot 19 bbls of 9.6#, 36 viscosity mud from 2698' to 600'. Spot 600 linear foot cement plug from 600' to surface, cement - 10.4 bbls (58.4 cu/ft), 36sks of Class "G" cement with 40% SF and .65% CFR-3, 1.61 yield, CIP at 11:00 hrs. Rig down Halliburton coil tubing unit and pump truck. All operations witnessed and approved by BLM representative (Dennis Simontacchi).
10/14/1999	Dig out around the well head, cut off the well head 2' below the location level, 4'+ below ground level, weld a cap on the well marked with the well name and number. Fill in the cellar. All operations witnessed and approved by BLM representative (Dennis Simontacchi).

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