

New Mexico State "T" # 2
Daily Report

8-6-03

Move in 150 Jts of 2 7/8" tubing and 1 set of pipe racks on lowboy with big winch truck. Move in Pulling unit. Bring backhoe to location with roustabout truck, matting board also brought to location with roustabout truck, matting board brought in by tailboard. Unload backhoe and dig out cellar. Unload matting board and set with backhoe. Rig up pulling unit. Move pipe racks and set with backhoe. Send roustabout back to yard to get catwalk and BOP. Roustabout arrives on location with catwalk and bop on homemade pipe trailer. Unload BOP and set by well. Unload catwalk and set. Take backhoe and unload pipe off of lowboy. Set pipe on pipe racks with backhoe. Take roustabout and install BOP on well head. Take 2" rams out of BOP and replace with 2 7/8" rams. Closed blanks on BOP and shut down over night.

8-7-03

Arrive on location. Signal Wire line Co. rig up gauge ring and begin to run in hole. Run gauge ring to 5584' and tool stopped solid. Come back out of hole with gauge ring and rig down Signal Wire line. Send Christian to yard to get 4 5/8" bit and bit sub. Send big winch, roustabout, lowboy and backhoe to yard. Load 118 jts of 2 7/8" tubing and 1 set of pipe racks onto lowboy with backhoe. Go back to location. Pick up and run 4 5/8" bit and bit sub on 2 7/8" tubing. Big winch, lowboy, roustabout and backhoe arrive on location. Unload pipe racks and unload 118 jts of 2 7/8" tubing on to pipe racks. Number and tally pipe going in hole. Run tubing in hole and did not feel anything at 5584'. Continue to run pipe in hole. Run all pipe in the hole and shut down over night.

8-8-03

Arrive on location with pulling unit crew. Start out of hole with pipe. Get out of hole and rig up signal wire line. Run CIBP on wire line to 10288'. Set CIBP @ 10288' with slow burn and get off of CIBP. Come up and go back and tag with collar locator. Come out of hole with wireline and rig up bailer and 4 sacks of cement on wire line unit. Go in hole with bailer and tag CIBP @ 10288'. Dump cement on top of CIBP and come out of hole with wireline. Signal wire line is put on standby. Go to yard and get 2" black plastic, stop @ American pump and pick up connections for plastic line. Arrive on location and hook plastic line to 500 BBL frac tank. Change out nipples on Braden head. Hook up plastic on to Braden head and begin to gravity feed water in to well bore. Gravity feed 100 BBLs into well bore and did not load. Decide to call Gandy and send for Hot oil Unit. Hotoiler arrive on location and hooked up lines. Begin pumping water @ 4.0 BPM down 5 1/2" casing. Pumped 160 bbls of water and well did not load. Determine that 5 1/2" casing has hole. Close blanks on BOP and shut down over night.

App-13
Exhibit

8-9-03

Arrive on location and go in hole with Baker Model "R" packer with 2" Seat Nipple on top of packer. Continued to run tubing in hole to 5600'. Set packer and attempt to load well bore down tubing. Pumped capacity of tubing and casing and did not load. Unset packer and go to 7700'. Set packer and attempt to load tubing. Pumped capacity of tubing and loaded. Pressure up and held 500 PSI for 5 minutes. Pumped water down casing. Pumped capacity of casing and well did not load. Unset model R packer and come up the hole to 7650'. Attempt to load the tubing. Pump the capacity of tubing and never loaded. Determine there is a hole in the 5 1/2" @ 7650'-7700'+-. Shut down over night for evaluation.

8-10-03

Arrive on location and begin to pull tubing up to 3000'. Set packer @ 3000' and pumped water down 5 1/2" casing. Pumped capacity of casing and loaded. Hook up hydraulic gaso pump and pressure up on casing. Pressure up to 500 PSI. And hold for 5 minutes. Casing held well @ 3000'. Unset packer and go in hole to 4500'. Set packer and load casing with water. Casing loaded. Hook up gaso and pressure up to 500 PSI and hold for 5 minutes. Casing g held well @ 4500'. Unset packer and go in hole to 5000'. Set packer and attempt to load casing. Casing never loaded after pumping capacity. Unset packer and come up the hole to 4900'. And set the packer. Attempt to load casing and pumped capacity and did not load so go in and unset packer and come up the hole to 4750'. Set packer and load casing with water. Casing load and hooked up gaso pump and pressure up to 500 PSI and held for 5 minutes. Unset packer and go in hole to 4810'. Set packer and pump water down casing. Casing loaded and hooked up with gaso. Pump up to 300 PSI and could not get anymore pressure. Pumped in to casing and shut down gaso pump at 300 PSI. Pressure slowly dropped to 100PSI. Established that casing has small hole @ 4750-4815+-. Come out of hole with packer. Shut down over night.

8-11-03

Shut down pulling unit and go to loco hills with big winch and lowboy to pick up reverse pump, hopper and circulating pump. Bring back to location and set up to pump cement. Shut down.

8-12-03

Arrive on location and go in hole with tubing and model R packer to 7650'. Set packer @ 7675'+-. Call for propane and cement to be brought to location. Once cement arrived put 27 bbls water into hopper and mix 150 sacks of cement. Hook up to tubing and pump down tubing followed by 2 bbls of water and let fall to bottom. Pull tubing out of hole. Shut down over night for cement to dry.

8-13-03

Arrive on location and go in hole with tubing with bull plug and perforated sub. Tag up @ 7690'. Come out of the hole and go back in with model R packer. Set @ 4800' and send roustabout to home depot to get cement. Arrive back with cement and mix 13 bbls of water to 75 sacks of cement and pump down tubing followed by 2 bbls of water. Shut down for cement to dry.

8-14-03

Arrive on location and go in the hole with bull plug and perforate sub on tubing. Run tubing to 5000' and never tagged cement. Determine that cement went behind 5 1/2 casing to form a bridge. Come out of the hole and go back in with a model R packer and set @ 4700'. Mix 75 sxs of class c cement with 13 bbls of water and pumped down tubing. Follow cement with 2 bbls of fresh water. Unset packer and come out of the hole. Shut down overnight for cement to dry.

8-15-03

Arrive on location and go in the hole with bull plug and a perforated sub on the end of the tubing. Tag up on cement @ 4710'. Come out of the hole and wait on the wire line company. Go in the hole with the wire line and tag up @ 4370'. Determine to come up and shoot 4 holes @ 4320'. Come out of the hole with the wireline. Closed the blank rams on the BOP and pumped 130 bbls fresh water down the 5 1/2. Monitored the 8 5/8 and it started blowing. Got back full returns. Oil was first, then changing to mud, and finally cleaning up and getting water for the final return. Shut down circulation. Pick up and go in the hole with a cement retainer. Set the cement retainer @ 4180'. Rig up BJ. Pumped 400 sxs of pozlite cement and then follow with 100 sxs of class C cement. Got circulation and circulated out 24 bbls of cement into returns tank. Shut and rig down BJ. Pull out of the cement retainer and come out of the hole with the tubing. Shut down over night.

8-16-03

Arrive on location. Go in the hole with a 4 5/8 bit, bit changeover sub and 6 3/4 drill collars. Go in the hole and tag on cement @ 4080'. Rig up the power swivel, stripper rubber and hook up all the hoses to reverse fluid. Shut down to fix reverse pump. Fix the reverse pump and started drilling. Drilling out hard cement for 60' and got on top of the cement retainer. Drilled on the cement retainer for about 30 minutes and it got to dark to see. Pulled tubing up 40' and reverse out for 20 minutes. Shut down over night.

8-17-03

Arrive on location. Continue to drill out cement retainer. Drill on cement retainer for 4 hours and finally broke through. Started drilling on cement. Drill down 90' and still drilling on cement. Pull tubing up about 40' and reverse for 30 minutes. Shut down over night.

8-18-03

Arrive on location and begin drilling cement. Fall through @ 4425'. Run 4 stands and tag up @ 4672'. Continued to drill out cement. Pulled up 40' and reverse out for 30 minutes and shut down over night.

8-19-03

Arrive on location and begin drilling on cement. Drilled out stringers all the way down to 5200'. Lost circulation @ 5250'. Plugged up the bit when lost circulation. Go down with tubing and tag up. Drilled about 6" and stopped. Afraid to stick drill collars. Pull up the hole about 50'. Call out Cudd with 1000 gallons of 15% NEFE acid. Pumped 350 gallons down the tubing and stopped solid. Put up 1000 psi on tubing and still stopped up. Decide to dump the rest of the acid down the casing. Dumped 650 gallons of acid down casing. Followed acid with 250 bbls of fresh water. Casing went on a hard vacuum and stayed on a vacuum for 30 minutes. Shut down over night.

8-20-03

Arrive on location. Come out of the hole with the tubing and drill collars and bit. Find that the last drill collar was plugged up with cement. Go back in the hole with a 4 5/8" bit, change over sub and check valve. Ran 10 stands and put on bulldog bailer. Continue to run tubing in the hole. Tag up @ 5275'. Drill about 6" and fall through. Run tubing to 6800' and come out of the hole with the tubing to 4300' and shut down over night.

8-21-03

Come out of the hole with the rest of the pipe bailer and bit. Hook up frac tanks to the casing. Close the blank rams on BOP and well taking 3.5 to 4.5 PM through a 2" line on Braden head. Shut down pulling unit and move cement equipment to the Leavelle # 1 to be plugged. Shut down over night.

8-22-03

Arrive on location. Go in the hole with wireline to run a Gamma ray and a collar locator log. Run the first strip log from 6450' to 6150'. Then come up the hole and run another strip log from 4750' to 4650'. Come out of the hole with the wireline and go back in with casing guns to 4810' to 5300'. Shoot 2 JSPF. Come back out and load up guns and go back in to 6210' to 6880'. Shoot 2 JSPF. Come out of the hole with guns. Call petroplex and order 1000 gallons of 15% NEFE acid. Petroplex arrived and dump acid down casing followed by 225 bbls of fresh water. Make up setting tool for a Model D packer. Run model D packer in hole with wire line. Set packer @ 4720'. Come out of hole with wire line. Rig down wire line. Go in the hole with 2 7/8 tubing and lay down in singles on lowboy. Double R pipe unloaded 154 jts of 3 1/2 plastic coated tubing and put on the racks. Shut down over night.

8-23-03

Arrive on location and finish laying down 2 7/8 tubing. Pick up stinger for model D packer and begin to run 3 1/2 tubing in the hole. Sting into the model D packer @ 4720 and set 10 points on stinger. Flange up wellhead and hook up to frac tanks.