

# WHL - Installation Progress

WHL PSU #19  
30-05-02758

- Tues 7/2/2002 Well Pluggers **Big Mac Fed #1** csg leak sqz - RU, RIH w/tbg and Hudson Pkr RBP and set at 1397' POOH to 350' and set packer. Loaded csg w/14 BW and tested 350' to 1397' to 500 psi. Csg held RIH to 1060' and dumped 100# sand down tbg to cover RBP. Pulled up to 286' and started testing to isolate csg leak. Isolated csg leak form 65' - 70'. Set pkr at 32'. Pressured backside to 450 psi. Mixed and pumped 40sx cmt. Circulated out 8 5/8" annulus. Displaced cmt to 45' in 4 1/2" csg. SI well WOC. SDFN  
I&W - gang finished water and gun barrel stairs and support, plumbed water tank and gun barrel gas vent lines, moved tbg from Brainard to Big Mac and lined Big Mac pit.
- Wed 7/3/2002 Well Pluggers **Big Mac Fed #1** csg leak sqz - RIH w/bit & tbg to drill out cmt. Cmt was green, tagged hard at 68' but fell right through. Pressure up to test sqz. Csg still leaking. Pumped 1/2 BPM at 150 psi fluid not circulating out 8 5/8" csg. Tried to load 8 5/8" csg. Cmt at very top and pressured to 400 psi right away but leaked off slightly. RIH w/pkr & tbg tp 34', set pkr and pressured backside. Mixed and pumped 50sx cmt. Initially some resistance but broke and saw no further pump pressure. WOC 30 min. Mixed cmt w/10% CaCl. Pumped 20sx cmt. SD WOC 25 min. Started pump had no press. Pumped 15sx cmt SD WOC 25 min. Started pump had no press. Pumped 15sx cmt SD. Had 70 psi pushing back on tbg. Displaced cmt to 44' inside 4 1/2" csg. SI WOC SD for 4 day weekend.
- Mon 7/8/2002 Well Pluggers **Big Mac Fed #1** csg leak sqz - POOH w/pkr. RIH w/bit & drill collars. Tag cmt at 50'. Drld hard cmt to 75', fell through at 80'. Circ hole clean. Press csg to 500psi. Bled to 0 psi in 45 sec. RIH w/pkr to 120' and set. Retest RBP and csg below leak to 500psi. OK. POOH to 60'. Press backside and bled off. POOH to 30' set pkr and press backside to 500psi. Pumped down tbg 1/2 BPM at 225psi. Mix 25sx cmt and pump 1/2 BPM. Press up to 1300psi. SD 15min. No bleed off. Washed and cleared pump. Switched to G&L pump and tried to displace cmt below pkr. Press up to 2200psi. Bled down 150psi in 10min. SI SDFN WOC till noon tomorrow  
Hughes Services - emptied pit on Big Mac from rains  
Hudson Packer - picked up 7" pkr to recoat
- Tues 7/9/2002 Well Pluggers **Big Mac Fed #1** csg leak sqz - noon - tbg had no travel down and couldn't release. Sheared pkr and POOH. Cmt 5' up in tbg w/small hole through middle. Pkr had cmt in bottom half. Knocked cmt out of pkr. RIH w/bit and drill collars. Drld hard cmt from 30' to 78'. Cmt was harder at 74' where leak was. Press up on csg to 500psi. Lost 90psi in 15min. Retested several times and still loosing some pressure. RIH w/tbg and new pkr and set at 30'. Press up on tbg to 500psi. Still loosing press. RIH and set pkr at 120'. Press up on tbg to 500psi. No bleed off. POOH to 90' and set pkr. Press on tbg and no bleed off. Press up on backside and press bled off. Leak probably still at 74'. Attempt to wash leak out to establish rate. Press to 1000psi and let bleed off repeatedly. Leak washing out. Est rate 3/4 BPM at 600psi. RIH w/pkr to 30' and set. Mixed and pumped 10 sx cmt. Press to 2100psi after 7sx pumped. Est 3sx out leak. Released press released pkr and POOH. SI BOP and pressured to 750psi. SDFN WOC till noon tomorrow. Abernathy Welding - welded bell nipple on casing of Fed 19 #1
- Wed 7/10/2002 Well Pluggers **Big Mac Fed #1** csg leak sqz - noon - BOP after wash up still had some cmt under rams and wouldn't close. Tried to clean cmt out and unsuccessful. RIH w/bit & drill collars and drld cmt down to 70'. Fell free. POOH. Press up on csg and still leaking 3/4 BPM at 600 psi. Same rate as last night. Mix 13 #/gal cmt and spot from 80' w/open ended tbg. POOH. Reverse cmt out of top of hole. RIH w/pkr to 5' and set. Tried to squeeze cmt but cmt was falling away. Never caught press. Over displaced cmt out of csg to clear hole. Pumped 8 BW to check rate. Pumping 1 3/4 BPM at 400 psi. Hole has opened up. No cmt left on location. SI well SDFN. Will get more cmt in morning for next squeeze attempt.
- Thurs 7/11/2002 Well Pluggers **Big Mac Fed #1** csg leak sqz - mixed and pumped 320sx cmt. Cmt pumping at 3/4 BPM 300psi to max of 500psi but will drop to 0psi also. SD WOC to thicken 2 hrs. Started pumping cmt. Pumped 60sx 1/2 BPM 200psi to 300psi and still dropping to 0psi occasionally. SD tbg on vacuum. WOC 2hrs. Pumped remaining cmt 70sx. Had constant press of 200psi with no drops to 0psi. SD washed up. Open tbg and blew some cmt out. RU displaced cmt below pkr at 30'. SI. Tbg had slight blow. SDFN WOC