

Well Name: HC Fed 1-22-44-15

API/UWI 05-113-06234-00	Surface Legal Location NENW Sec. 1 44N 15W	Field Name Hamilton Creek	License # 2007104	State/Province Colorado	Well Configuration Type Deviated
Original KB Elevation (ft) 6,854.00	KB-Tubing Head Distance (ft)	Spud Date 6/2/2007 00:00	Rig Release Date 6/17/2007 00:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Job Category Completion/Workover	Primary Job Type Cement Squeeze	Secondary Job Type Abandon Zone	Status 1
AFE Number 13CWWOHC 1-22	Start Date 5/17/2013	End Date 5/24/2013	Total AFE Amount (Cost)

Objective
Squeeze on dry intervals in Upper Honaker Trail. Remove CIBP above lower zones and restore to production.

Summary

Contractor Piceance Well Service	Rig Number 66	Rig Type Workover
-------------------------------------	------------------	----------------------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	5/17/2013	5/18/2013			MIRU PWS Rig #66. Lay kill and blow down lines. Spot equipment. Safety meeting. SDFWE
2.0	5/20/2013	5/21/2013			Stand-By wait on Halliburton.
3.0	5/21/2013	5/22/2013			Safety meeting. SICP 600 psi. SITP 85 psi. Bleed well down tbg and csg. Nipple down Well Head. Nipple up BOPE. Function test. Pull tbg hanger. Rig up to circulate. Pump 130 bbls water. Would not circulate. POH with tbg and tally, 98 stands. Rig up Lone Wolf. Set composite cement retainer @ 6410'. Tag retainer with wireline. Rig down Lone Wolf. PU Halliburton Stinger. RIH with 98 stands. PU 6 singles. Rig up to circulate. Pump 85 bbls down tbg. Would not circulate. Space out and sting into retainer. Pump 50 bbls down tbg. 220 psi @ 5 bbls per minute. Sting out of retainer. Lay down 7 jnts. To 6197'. SDFN
4.0	5/22/2013	5/23/2013			Safety meeting. SICP 0 psi. SIP 0 PSI. Run in hole with 7 jnts. Rig up Halliburton swivel. Sting into retainer and try to test tbg. Could not get stinger in right position. Pump 0 bbls down tbg on a vacuum. Rig up Baker pumping services. Test lines to 5000 psi. Pump 35 bbls fresh water 0 psi. Mix 50 bbls of cement slurry @ 15.9 pds per gallon. Switch to displacement 2.5 bbls per minute 0 psi. Pump 31.7 bbls displacement. 0 psi. Hesitate 5 minutes. Pump 1 bbl. 0 psi. Wait 5 minutes. Pump 1 bbls. PSI @ 695. Bled down to 590psi in 5 minutes. Hesitate for 5 minutes. Bump pressure up 725 psi. Wait 5 minutes. Pump pressure to 1030 psi. Pumped .10 of a bbl. Attempt to sting out of retainer. Pulling over. Rig down Baker Hughes. Work tbg to try and free tbg. Still stuck. SDFN
5.0	5/23/2013	5/24/2013			Safety Meeting. SICP 0 psi. SITP 0 psi. Rig up Cutters Wire Line. and free point tbg. Tag inside tbg at 5714' Wireline depth. Pipe 100% stuck up to 4275' 90% free. Cut tbg @ 4247' 10' above collar. Lay down 1 jt and 1- 8' sub Nipple down BOPE. Nipple up Well head. to windy to rig down.
6.0	5/24/2013	5/25/2013			