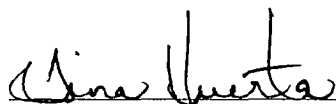


15-38223

Form C-105 continued:

27 Acid Shot, Fracture, Cement, Squeeze, Etc.

<u>Depth Interval</u>	<u>Amount and Kind Material Used</u>
11,647'	Spearhead 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2460 bbls fluid, 20,500# 40/70 WS, 82,500# 30/50 WS
11,474'	Dropped 1.75" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2250 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
11,275'	Dropped 1.875" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 82,000# 30/50 WS
11,077'	Dropped 2" ball, pumped 1500g 7-1/2% HCL acid, frac w/15% linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
10,920'	Dropped 2.125" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
10,721'	Dropped 2.25" ball, pumped 1500g 7-1/2% HCL acid, frac with 15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
10,522'	Dropped 2.375" ball, pumped 2200g 7-1/2% HCL acid, frac with 15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
10,366'	Dropped 2.50" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
10,166'	Dropped 2.625" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
9967'	Dropped 2.75" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
9769'	Dropped 2.875" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
9612'	Dropped 3" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
9412'	Dropped 3.125" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
9213'	Dropped 3.25" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 83,000# 30/50 WS
9014'	Dropped 3.375" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2300 bbls fluid, 21,000# 40/70 WS, 82,000# 30/50 WS
8857'	Dropped 3.50" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2250 bbls fluid, 21,000# 40/70 WS, 82,000# 30/50 WS
8658'	Dropped 3.625" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 82,000# 30/50 WS
8460'	Dropped 3.75" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 82,000# 30/50 WS
8261'	Dropped 3.875" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 82,000# 30/50 WS
8107'	Dropped 4" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 82,000# 30/50 WS
7909'	Dropped 4.125" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 82,000# 30/50 WS
7711'	Dropped 4.25" ball, pumped 1500g 7-1/2% HCL acid, frac w/15# linear gel, 15# borate XL, 2200 bbls fluid, 21,000# 40/70 WS, 82,000# 30/50 WS


 Regulatory Compliance Supervisor
 January 24, 2012