

**Job Log**  
**Western Wellsite Services LLC**  
**17509 Rd 14**  
**Ft. Morgan, Colorado 80701**

**Operator: Koch Industries**  
**Well : Federal A-32-2-96**  
**Location: Rio Blanco County, Colorado**  
**Date: 12/3/11**

MIRU, Blow well down, NUBOP  
POH with 2 3/8" tubing and tally  
RIH with bit and scraper to 4,210'  
POH  
Run casing inspection wireline log  
TIH with tubing to 4,205' and pump 70 sxs of cement with 2 % CC  
POH and WOC  
TIH and tag cement at 3,640'  
Pressure test casing to 500#, held  
POH to 2,918' and spot 95 sxs of cement with 2% CC  
POH, WOC, TIH and tag cement at 2,120'  
TOH  
Rig up wireline, run CBL, and and perforate 1,576' – 1,006'  
Swab 68 bbls of water  
TIH with tubing to 1,631' and spot 60 sxs of cement with 2% CC  
POH, WOC, and RIH to 1,631' no tag  
Pump 60 sxs of cement with 2% CC and LCM  
POH, WOC, and RIH and tag at 1,202'  
Pump 25 sxs of cement with 2% CC  
POH, WOC, and RIH and tag at 904', POH  
Perforate at 364'  
Pump 131 sxs thru perfs, good returns to surface  
WOC, NDBOP, dig up and cut off wellhead  
Top off casing with 25 sxs of cement  
Weld on a plate with well information  
Backfill the hole  
RDMO

BLM Representative: Steve Halcomb  
Company Representative: John Clark  
WWS Field Supervisor: Jorge Navarro  
Cementing Contractor: Western Wellsite Services  
All Cement is 15.8# class G neat, 2% KCL added on shallow plugs to accelerate