



WRD Federal 7-33

SW NE Sec. 33-2N-97W

FEDERAL Lease# 12480

BLM. COC 45291

CA No. COC 49158

Lat: 40.10030/Long. 108.281

Rio Blanco County, Colorado

October 5, 2016. Safety meeting & JSA. Road equipment to location. Have safety meeting & get Safety Orientation from John Clark. RUSU, spot in Cement equipment. NDWH, NU BOP. TOH tallying on the fly, to find 39 JTS of 2-3/8" J55 TBG (1211.43'). TIH open ended with the old 39 JTS, pick up 23 more JTS of J55 2-3/8" TBG to put EOT @ 1945'. Justin Wilson with BLM white river field office was on location for cement work. Rig up cement equipment & pump lines. pump 5

BBLS fresh water lead, then mix & pump 58 SKS (11.6 BBLS Cement) of Class G Cement, mixed 5 gallon per SK for 15.8LB Cement (should be a 700' plug), displacing with 4.5BBLS fresh water. TOH standing 31 stands in Derrick. SWIFN. Will TIH & Tag TOC in A.M. Travel home

October 6, 2015. Safety meeting & JSA. TIH with 42 JTS to tag T.O.C @ 1302' 8' out on JT #42. Note: that's a 643' balanced plug. From 1945' to 1302'. Lay 1 JT down to put EOT @ 1280' (41 JTS), rig up cement equipment. Pump 10 BBL fresh water lead, then mix & pump 58 SKS of (11.6 BBLS cement) Class G Cement, mixed 5 gallon per SK for 15.8LB Cement (should be a 700' plug), displacing with 2BBLS fresh water. TOH, standing 5 stands in derrick & laying down 31JTS. W.O.C 4.5 hours. RUSL, RIH & tag T.O.C @ 658' with the sand line. Note: that's a 622' plug from 1280' up to 658'. POH, RDSL. TIH 20 JTS to put EOT @ 635'. Rig up Cement equipment. Pump 5 BBL fresh water lead, then mix & pump 20 SKS (4 BBLS Cement) Class G Cement, mixed 5 gallon per SK for 15.8LB Cement (should be a 257.36' plug making estimated TOC @ 400'), displacing with 1.5 BBLS fresh water. TOH standing 5 stands in derrick & laying down 10 JTS. SWIFN. Will tag with Wireline in A.M. Travel home

October 7, 2016. Safety meeting & JSA. Warm up equipment. Note: Joe Beck with BLM was on location with us for the day. Help rig up DLD Wireline. Wireline RIH & tags TOC @ 274'. Note: that's 24' above 7" CSG shoe. Shut down & call Bud Thompson (Supervisory Petroleum Engineering Technician w/BLM) get orders to go ahead & perforate @ 273'. Wireline then perforates 4 holes (19 gram charge) from 273' up to 272'. POH, RDWL. TIH with 8 JTS of 2-3/8" TBG to put EOT @ 265'. Rig up cement equipment. Try to get circulation up 7" CSG. But just pressured up to 300PSI. So we pump 5 BBL fresh water lead, then mix & pump 22 SKS (4.4 BBLS Cement) Class G Cement, mixed 5 gallon per SK for 15.8LB Cement to bring cement to surface up the 4.5" Production CSG. No displacement. TOH laying down last 8 JTS. Rig down floor, ND BOP. RDSU, pull forward. Dig well head down 4' below surface & cut well head off. finish top capping well with 6 SKS (1.2 BBLS Cement) Class G Cement, mixed 5 gallon per SK for 15.8LB Cement to finish filling up 7" Surface CSG & 4" Production CSG. Well stay's full. Joe Beck gives the ok to

weld on name plate. Weld name plate on. Well is P&A. Back fill well head area.
Rack out Cement equipment. MOSU & Cement Equipment.

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P&A was witnessed by:

Justin Wilson. Petroleum Engineering Technician w/BLM. White River Field Office.

Joe Beck. Petroleum Engineering Technician w/BLM. White River Field Office.

John Clark. Koch Exploration Company, LLC

Jeff Rector. Duco Inc. Cement Services

Adam Daniels. DLD Wireline