



Cement

Well Name: Critter Creek 16-6005BW

Cement Plug

Well Name Critter Creek 16-6005BW	API 05-123-47309-01	Excalibur ID 20220	Operator HighPoint Resources	Current Well Status WAITING ON COMPLETION	Government Authority State of Colorado
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,273.00	Ground Elevation (ft) 5,253.00	KB-Ground Distance (ft) 20.00	Regulatory Drilling Spud Date 8/15/2018 23:30	Regulatory Rig Release Date 1/22/2019 18:00
Surface Legal Location SESE Sec 16 T11N R63W	North/South Distance (ft) 430.0	North/South Reference FSL	East/West Distance (ft) 1,079.0	East/West Reference FEL	Lat/Long Datum NAD 83
Latitude (°) 40° 54' 58.64" N	Longitude (°) 104° 25' 56.525" W	Basin DJ Basin	Field Name Hereford	County Weld	State/Province Colorado

Cement Details

Description Cement Plug	String	Type Plug - Balanced	Cementing Start Date 1/5/2019 16:00	Cementing End Date 1/4/2019 18:00	Cementing Company HALLIBURTON
Job Category D & C	Wellbore Original Hole	Evaluation Method	Cement Evaluation Results 220 SACKS	Technical Result	Cementing Supervisor

Comment

Cement Stages

Stage # 1								
Stage Number 1	Description Cement Plug	Objective	Top Depth (ftKB) 6,700.0	Bottom Depth (ftKB) 7,100.0	Full Return? No	Vol Cement Ret (bbl) 0.0	Top Plug? No	Bottom Plug? No
Q Pump Init (bbl/min) 5	Q Pump Final (bbl/min) 5	Q Pump Avg (bbl/min) 5	P Pump Final (psi) 0.0	P Plug Bump (psi)	Pipe Reciprocated? No	Stroke (ft)	Pipe Rotated? No	Pipe RPM (rpm)
Tagged Depth (ftKB)		Tag Method		Top Measurement Method Volume Calculations		Depth Plug Drilled Out To (ftKB)		Drill Out Diameter (in)

Comment

Cement Fluids & Additives

Fluid						
Fluid Type Tail	Fluid Description	Estimated Top (ftKB) 6,700.0	Est Btm (ftKB) 7,100.0	Amount (sacks) 220	Class G	Volume Pumped (bbl) 38.7
Yield (ft³/sack) 0.99	Mix H2O Ratio (gal/sack) 3.73	Free Water (%)	Density (lb/gal) 17.00	Plastic Viscosity (cP)	Thickening Time (hr)	CmprStr 1 (psi)

Additives					
Add	Type	Amount	Amount Units	Conc	Conc Unit