



## Daily Activity and Cost Summary

Well Name: RUMER HALL 01

API 0512305327	Surface Legal Location	Field Name NEW WINDSOR	License #	State/Province COLORADO	Well Configuration Type
Original KB Elevation (ft)	KB-Tubing Head Distance (ft)	Spud Date Production	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Job Category WORKOVER	Primary Job Type P&A	Secondary Job Type Abandonment	Status 1 Completed
AFE Number	Start Date 2/23/2018	End Date 2/28/2018	Total AFE Amount (Cost)

Objective  
Plug and abandon well.

Summary

Contractor BRIGADE ENERGY SERVICES	Rig Number \ Crew Conventional	Rig Type Workover
---------------------------------------	-----------------------------------	----------------------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	2/23/2018	2/24/2018			HSM/JSA, RUPS, PU SINGLE 2 7/8" 6.5# L80 EUE & MU BHA (6 1/8" BB, BS & XO), SWIVEL UP ON JNT #1, LOWER IH TO TAG @ 5', PU OFF TAG & BRK CIRC., ROTATE BACK TO TAG & BEGIN TO DO HARD CONCRETE TO 33' W/ JNT #1 ALL IN, RECOVERING LRG AMOUNTS OF GRAVEL & CONCRETE, MODERATE AMOUNTS OF WOOD & RUBBER, CONTINUE TO CIRC IH W/ ROTATION, PLUGGED OFF TWICE DUE TO RUBBER & AGGREGATE, TOO H CLEARED BIT, RBIH RESUMED CIRC / ROTATING IH, DRILLED THRU BOTTOM OF CEMENT W/ 5' IN ON JNT #5 @ 135' MD, CIRC IH WITHOUT ROTATION TO 230' MD, CIRC WB CLEAN, POOH LD 6 JNTS TO 1 JNT & BHA LIH, SWI TIGHT, SECURE WELL & LOCATION, SDFWE.
2.0	2/24/2018	2/25/2018			SDFWE
3.0	2/25/2018	2/26/2018			SDFWE
4.0	2/26/2018	2/27/2018			HSM/JSA, WSI W/ 0 PSI, RBIH W/ 7 JNTS 2 7/8" EUE TO 230', PU & SIH W/ 2 7/8" L80 6.5# EUE OFF TRAILER, TAG W/ 29 JNTS IH @ 950' MD, MU TIW & KELLY UP TO CIRC., BRK CIRC W/ 18 BBLs @ 700 PSI, CIRC HVY MUD & SOLIDS TO SURFACE, CIRC 1 HR W/ TREATED FW @ 400 PSI / 2.0 BPM UNTIL RETURNS CLEAN, RIH W/ JNT #30 TAG ON JNT #31 @ 1010' MD, RUPS ON JNT #31, CIRC/ROTATE PAST TAG @ 1010', CIRC W/ ROTATION TO 1672' MD W/ 51 JNTS, CIRC BU + @ 400 PSI / 2 - 2.5 BPM, CONTINUE TO CIRC / ROTATE IH TO 2335' MD W/ 71 JNTS, STOP TO CIRC BU, UNABLE TO ESTABLISH GOOD CIRC., POOH W / 10 JNTS TO 61 JNTS LIH @ 2000' MD, REPLACE BAD MANIFOLD VALVES, BRK CIRC @ 1400 PSI / 2 BPM, ESTABLISH GOOD CIRC @ 700 PSI, CIRC HVY MUD & SOLIDS TO SURFACE, CIRC PRESS DECREASED TO 500 PSI, CIRC WELL CLEAN, LOST 150 BBLs FW TOTAL, SB SWIVEL & POOH TO DERRICK W/ 25 STANDS TO 11 JNTS LIH @ 360' MD, MU TIW, SWI TIGHT, SECURE WELL & EQUIP., SDFN.
5.0	2/27/2018	2/28/2018			HSM/JSA, RBIH W/ 60 JNTS 2 7/8" OOD, TOTAL TBG IH = 71 JNTS @ 2328' MD., MU TIW & KELLY UP, BRK CIRC W/ 5 BBLs TREATED FW @ 700 PSI, EST GOOD CIRC @ 600 PSI / 2 BPM, CIRC WB CAP = 119 BBLs + 30, PU & SIH 10 JNTS TO 2656' MD W/ 81 JNTS TOTAL, KELLY UP & BRK CIRC @ 650 PSI, CIRC BU, PU & SIH 11 JNTS TO 3017' MD W/ 92 JNTS TOTAL, KELLY UP & BRK CIRC @ 700 PSI, FW TREATED W/ BIOCIDES & SCAVENGER, CIRC 1.5 HRS / 2 BPM, RETURNS CLEAN NO SOLIDS, NO GAS, MI RANGER CE, HJSA, RU TO TBG & PRESS TEST, EST CIRC W/ 5 BBLs, M/W & PUMP 80 SKS / 16.1 BBLs 15.8 / 1.15 CGC, DISPLACE TBG W/ 15.1 BBLs TO BALANCE ETOC @ 2603', RDCE OFF TBG, POOH & LD 75 JNTS TO 17 JNTS LIH @ 557' MD, HJSA, RUCE TO TBG & TEST, EST CIRC W/ 3 BBLs, M/W & PUMP 60 SKS / 12.4 BBLs 15.8 / 1.15 CGC, DISPLACE TBG W/ 1.7 BBLs TO BALANCE ETOC @ 300', RDCE & MO, POOH & LD 17 JNTS 2 7/8" ON TRAILER, SWI TIGHT, SECURE WELL & EQUIP., SDFN. NOTE: PRIOR TO JOB, CONTACTED M. HICKEY / COGCC DISCUSSED TAGGING PLUG @ 3017' TO 2603' ? ORIG FORM 6 AMENDED: TAGGING PLUG NOT REQUIRED (WILL FOLLOW UP W/ EMAIL)
6.0	2/28/2018	3/1/2018			HSM/JSA, RIH W/ 2 7/8" TBG TAG TOC W/ 15' IN ON JNT #15 @ 475' MD, LD TAG JNT, MU TIW, MI OTEX CE, HJSA, RU TO TBG & PRESS TEST, EST CIRC W/ 3 BBLs, M/W & PUMP 135 SKS / 26.7 BBLs 15.8 / 1.15 CGC, CIRCULATED GOOD CEMENT TO SURFACE, DISPLACED LINES TO WH, RDCE, POOH & LD 14 JNTS 2 7/8" ON TRAILER, RD FLOOR, NDBOP & ADAPTER SPOOL, TOP FILL 8 5/8" CASING TO SURFACE W/ 1 BBL 15.8 / 1.15 CGC, RDCE & MO, SECURE WELL W/ BLIND 8 5/8" TOP NUT, RDPU, PREP RIG & ALL RELATED EQUIP. TO MOBILIZE, RELEASE ALL 3RD PARTY EQUIP., BOTTOM OUT WORK TANKS & CLEAN W/ HYDRO VAC., CLEAN UP LOCATION, SECURE EQUIP., SDFN.