



## Daily Activity and Cost Summary

**Well Name: GRAEBER 33-33DX**

API 0512323837	Surface Legal Location SENE 33 1N68W 6 PM	Field Name WATTENBERG	License #	State/Province COLORADO	Well Configuration Type VERTICAL
Original KB Elevation (ft) 5,249.00	KB-Tubing Head Distance (ft)	Spud Date Production 6/8/2006 00:00	Rig Release Date 6/20/2006 00:00	PBDT (All) (ftKB)	Total Depth All (TVD) (ftKB)

Job Category WORKOVER	Primary Job Type REMEDIAL CEMENTING	Secondary Job Type Other	Status 1 Completed
AFE Number	Start Date 4/13/2018	End Date 4/16/2018	Total AFE Amount (Cost)

Objective

Summary

Contractor BRIGADE ENERGY SERVICES	Rig Number \ Crew Conventional	Rig Type Workover
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Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	4/13/2018	4/14/2018			MI BRIGADE RIG #12 & ALL RELATED EQUIP., SET CONTAINMENTS & SPOT EQUIP., RUPU & LAY HARD LINES, TRANSFER 85 BBLs TO RIG TK, WSI PROD CSG = SLIGHT VACUUM, SURFACE CSG = 300 PSI, KELLY UP TO SURFACE CSG & OPEN W/ 297 PSI TO RIG TK MONITOR PRESS W/ DIGITAL GAUGE, OPEN 3 MIN W/ 60 PSI FLUID TO SURFACE, SUSTAINED FLOW FOR SEVERAL MINUTES, NO CHANGE IN PROD CSG PRESS, SI SURFACE CSG ISIP = 121 PSI 5 MIN = 157 PSI, SWI TIGHT, MI SPOT IN TBG TRAILER, PREP & TALLY 45 JNTS 1 1/4" TBG, SECURE WELL & EQUIP., SDFN.
2.0	4/14/2018	4/15/2018			HSM/JSA, WSI PROD CSG 0 SURFACE CSG 300 PSI, BD SC TO 50 PSI, UNLOAD 1 BBL BLACKISH WATER DIED TO BLOW, ND 5K WH, BO 8 5/8" TOP NUT & UNPACK WH, PU 4.5" SPEAR & SPEAR CSG, WORK CSG TO 100K, UNABLE TO UNLAND CSG, RU CASING JACKS TO 4.5" CSG & APPLY 3700 PSI / 148K TO FREE SLIPS, RD JACKS, SPEAR CSG WORK SLIPS UP & PULL, STACK OUT CSG & WORK FREE PNT, MU COLLAR & NIPPLE, RELAND CSG W/ 54K, NU DUAL ENTRY FLANGE & BOP, PU & RIH W/ 1 1/4" P-110 TBG TO 1355' MD, BRK CIRC W/ 20 BBL, CIRC 1.25 HRS CIRC OIL, GAS & HVY FLUID OOH, PUH TO 33 JNTS LIH @ 1040' MD, SWI TIGHT, SECURE WELL & EQUIP., SDFN.
3.0	4/15/2018	4/16/2018			HSM/JSA, WSI O, RBIH W/ 10 JNTS 1.250" TBG TO 43 JNTS IH EOT @ 1355' MD, BREAK CIRC W/ 1 BBL, CIRC 1HR W/ TREATED FW, LD 1 JNT TO 42 LIH EOT = 1323' MD, MI OTEX CE, HJSA, TEST LINES, PUMP 10 BBLs SAP, 5 BBL SPACER, 105 SKS / 26 BBLs 14.6 / 1.38 MIGRASEAL CGC, DISPLACE TBG W/ 0.8 BBLs, RDCE & MO, LD TBG ON TRAILER, NDBOP & DUAL FLANGE, RE-LAND 4 1/2" CASING RE-PACK CASING HEAD, FLANGE UP 5K WH W/ MASTER VALVE, SWI TIGHT,
4.0	4/16/2018	4/17/2018			HSM/JSA, WSI O, MI KLX WL, HJSA, RU WL, PU CCL & CBL TOOLS & RIH, LOAD PROD CASING W/ 15 BBLs, LOG UP HOLE FROM 1550' WLD, LOG SHOWS TOC @ 820', RDWL, NDBOP, NU 5K TOP FLANGE & MV, SWI TIGHT, RDPU & MO TO GRAEBER #42-33