

CRESTONE PEAK
RESOURCES

All Jobs Daily Activity and Remarks

Well Name: Shaffer Newman 0-6-13

API # 05013065880000	Surface Legal Location	Field Name Wattenberg	Permit Number	State CO	Well Configuration Type Directional Horizontal Well
Ground Elevation (ft) 5,112.00	Casing Flange Elevation (ft)	Orig KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	Spud Date 4/15/2009 13:00	Final Rig Release Date 4/22/2009 00:00

Job: Abandon Well / BH , 11/9/2019 12:00, 16192341

Job Category Abandon	Primary Job Type Abandon Well	Secondary Job Type BH
Start Date 11/9/2019	End Date 11/15/2019	
Objective P&A SHAFFER NEWMAN 0-6-13		
Post-Job Summary		

Rpt #	Start Date	End Date	24 Hr Summary	Remarks
1.0	11/9/2019	11/10/2019	Road rig and related equipment to location from Foster 4-5. Spot in. SDFD	Approval received from Steve Wolfe (COGCC) via text message to move in prior to Form 6 approval.
2.0	11/11/2019	11/12/2019	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPI'S 260/260/130 (Tbg 260/Csg 260/Braden Head 130). Derrick inspection. MIRU Swabbco 12 with rig related equipment. Control well with 60/60 BBLS heated H2O. KLX function test, NU and torque RMOR 7-1/16" BOPE (Bump Tested L,H PSI'S - Held). POOH standing back 134 stands. Update JSA. RU KLX WL. RIH set STS CICR @ 8,390'. PO/RD and released KLX WL. RIH STS stinger on tubing. Sting into retainer. Load back side. Update JSA. RU NexTier. Pump J-Sand squeeze as is: 50 BBLS 14# Mud Spacer, 5 BBLS Weighted 14.8# Spacer, 60 SXS 14.5# portland cement (Additives: Extender, dispersant, fluid loss gas migration, anit settling & silica flour), displace tubing with 29.5 BBLS H2O, Stung Out (1,100 Psi) leaving 2 BBLS (10 SXS over retainer). RD and released NexTier. POOH standing tubing back and LD STS stinger. SWI, Secure Well & SDFD.	
3.0	11/12/2019	11/13/2019	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0/130 (Csg 0/Braden Head 130). RU KLX WL. RIH set STS CICR @ 7,700'. PO/RD and released KLX WL. RIH tubing with STS stinger. Sting into retainer. Update JSA. RU Schlumberger. Established injection rate. Pump Niobrara squeeze as is: 50 BBLS 14# mud, 10 BBLS H2O spacer, 75 SXS 15.8# thru retainer, displace tubing with 25.4 BBLS H2O, SD and stung out (2,200 Psi) leaving 20 SXS over top of CICR (Estimated Top 7,423'). RD and released Schlumberger. POOH 15 Stands. Rolled hole clean. Psi Test casing to 579 (Crystal Gauge Charted 15 Minutes - Gained 11 Psi - Good Test). Bleed of PSI'S. LD tubing to 4,540'. Then stood remaining tubing back. Update JSA. RU KLX WL. RIH shoot squeeze holes @4,575'. RBIH set STS CICR @ 4,540'. PO/RD and released KLX WL. SWI, Secure Well & SDFD.	
4.0	11/13/2019	11/14/2019	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0/15 (Csg 0/Braden Head 15). RIH STS stinger on tubing. Sting into retainer at 4,540'. Update JSA. RU Schlumberger. Pump Sussex squeeze as is: 20 BBLS Chem Wash, 24.9 BBLS of 14.5# PPG @105 SKS (Additives: gasblok, CemPlus, Mid temp flac, retarder, liquid antifoam), 1.33 yield, displace tubing with 16.5 BBLS H2O, stung out leaving 1 BBL (5 SXS over CICR ETOC @ 4,463'). RD and release Schlumberger. LD partial tubing and stood rest back (LD STS stinger). KLX function test, NU and torque Key Energy Services 11" BOPE. Update JSA. RU KLX WL. RIH jet cut casing @ 2,500'. Condition annulus. Update JSA. RU Ranger Energy Services. Spot stump plug as is from 2500' - 2248': 10 BBLS SAPP, 20 BBLS H2O Spacer, 75 SXS 15.8# G cement, displace casing with 34 BBLS H2O, SD-Let plug balance at 4:00 PM (Full Circulation Thru Out Job). RD and released cementers. POOH LD all casing. Fill Hole (Well Static). SWI, Secure Well & SDFD.	COGCC Jason Gomez Came By Location (Stayed 5 Minutes)

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Rpt #	Start Date	End Date	24 Hr Summary	Remarks
5.0	11/14/2019	11/15/2019	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0 (After 15 hours of pumping stump plug on 11/13/2019). No signs of any trapped psi's or fluid migration as well is static. RIH STS 8-5/8" casing scraper to 800'. PO/LD STS scraper. RBIH open ended tubing to 880'. Update JSA. RU Swabbco cementers. Spot shoe plug from 880' - 675' as is: 20 BBLS H2O, spacer, 56 SXS 14.8# Type III cement with 4% CACI2 added to mix water, displace tubing with 2.1 BBLS H2O, SD - Let plug balance at 8:30 AM (Full Circulation Thru Out Job). POOH open ended tubing. RD cementers. W/O cement 5 hours. RIH tag TOC @ 740'. POOH Tubing. Psi test shoe plug to 200 (PSI Holds & Drops Like Plug Sliding Down Hole). RBIH spot 2nd shoe plug from 740' - 676' with 20 SXS 15.8# G cement, displace tubing with 2.1 BBLS H2O, SD - Let plug balance at 3:00 PM (Full Circulation Thru Out Job). POOH Tubing. Fill Hole (Well Static). SWI, Secure Well & SDFD (W/O Cement 8 Hours Overnight).	
6.0	11/15/2019	11/16/2019	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0 (After 16 hours of pumping shoe plug on 11/14/2019). No signs of LEL'S, trapped psi's or fluid migration as well is static. Psi tes shoe plug to 255 (Crystal Guage Charted 15 Minutes - Lost 8 Psi or 3% = Good Test). RIH open ended tubing to tag TOC @670'. LD 1 Jt. Update JSA. RU Swabbco cementers. Spot aquifer balance plug from 640' - 440' as is: 20 BBLS H2O spacer, 70 sxs 15.8# G cement, displace tubing with 1.3 BBLS H2O, SD-Let plug balance (Full Circulation Thru Out Job). LD tubing. RIH hydraulically set STS 8-5/8" CIBP @ 80' with 1850 PSI. POOH LD STS setting tool. RBIH to tag plug. NG blew casing dry. LD 3 jts. KLX ND Key Energy Services 11" BOPE. Swabbco load hole with cement from 80' - 0' with 25 sxs 15.8# G cement. SWI. RDMO Swabbco 12 with rig related equipment (Headed to Mathews 4A - Rod Up).	
7.0	11/19/2019	11/20/2019	JSA / SM Issue ground disturbance authorization Dig up around wellhead. Issue hot work permit Cut off wellhead Wellhead is 59" below surface. Had FLIR camera run. Crestone and Broomfield FLIR was used. Shows good plug job/ no gases present. Cement confirmed to surface in all strings. Weld in well cap & ID tag Pick up & haul off old wellhead parts	