

Well Name: Kats 41-34

API # 050142065000	Surface Legal Location SWNE Section 34-T1N-R68W	Field Name WATTENBERG	Permit Number	State CO	Well Configuration Type Vertical
Ground Elevation (ft) 5,174.00	Casing Flange Elevation (ft)	Orig KB-Ground Distance (ft) 15.00	KB-Casing Flange Distance (ft)	Spud Date 7/6/2008 21:15	Final Rig Release Date 7/12/2008 00:00

Job: Abandon Well / <jobsubtyp> , 12/11/2020 15:00, 16192929.1

Job Category Abandon	Primary Job Type Abandon Well	Secondary Job Type
Start Date 12/11/2020	End Date 12/29/2020	
Objective P&A w/ BH Pressure - Sensitive area due to development. No Sales line.		
Post-Job Summary		

Rpt #	Start Date	End Date	24 Hr Summary	Remarks
1.0	11/24/2020	11/24/2020	Kats 41-34 AOL, JSA, HSM, REMOVE FENCE, MIRU, MU 2" JUC, RIH TO 8618', SD, JARRED UP, POOH, LATCHED DUAL PAD PLUNGER, RIH TO 8622', SD, JARRED UP, POOH, SHEARED JUC, MU 2" JDC WITH OJ, RIH TO 8622', SD, JARRED UP, POOH, LATCHED BHA, RDMO, RTY tbq/csg-1250/1150 FL-UNDETECTED COST-\$988.00 DT8788	
2.0	12/11/2020	12/12/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0/0/45 (Tbg 0/Csg 0/BH 45). skid beam from Kats 6-4-34. Spot in on Titan Containments. Derrick inspection. MIRU Ensign 313 with rig related equipment. Control well with 45/45 BBLS H2O. ND 5K WH. KLX function test, NU and Torque RMOR 7-1/16" BOPE. Un land tubing (No Problems). POOH standing back tallying production tubing 272 Jts. SWI, Secure Well & SDFD.	Kats 41-34 AOL JSA HSM MIRU MU 1.910" GR RIH to 8619' SD POOH unable to crown out due to ice in lubricator, hook up flow back and attempt to blow well dead, come off well and still unable to move tools, lay lubricator down and thaw out lube, tools came free, MU HTP with CS and CSRT, RIH to 8585, POKE HOLE, POOH, RDMO tbq/csg-1200/300 FL-50' COST-\$1,950.00 DT8864
3.0	12/12/2020	12/13/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0. Update JSA. RU Brand X WL. RIH set J CIBP @ 8,590' (J Sand formation top 8,630', top perf 8,644') with 2 SXS. RIBH Set Nio CIGR @ 7,880' (Niobrara formation top 7,755', top perf 7,946'). PO/RD and release WL. RIH STS stinger on 249 Jts (Sting In/Space Out). Sting out. Rolled hole. PSI test casing to 500 PSI (Held 15 Minutes). Bleed off pressures. POOH 3 Stands. SWI (Winterize Equipment), Secure Well & SDFD.	
4.0	12/14/2020	12/15/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting tasks. IPSI'S 0. Pressure Test casing to 500 PSI (Held 15 Minutes). RIBH sting into retainer. Update JSA. RU Schlumberger. Pump Nio squeeze as is: Applied 500 PSI on backside. Pumped 115 SXS nio blend squeeze cement @ 15.8 ppg then displaced tubing with 26.1 bbl of fresh water leaving 15 sks on top of the retainer. Shut down and stung out pressure was 3000 PSI. Estimated cement coverage 7,946' - 7,606' in casing. PO/LD partial tubing. Pump 5 BBLS H2O spacer, pump 10 sx 15.8# G cement from from 5,645' - 5,499' (DV tool at 5,595') and displaced tubing with 21.4 BLS (Full Circulation Thru Out Job). LD partial tubing. Pump 20 sx 15.8# G cement from 4,970' - 4,770' (Sussex top at 5,010') and displaced 18.4 BBLS H2O for plug to balance (Full Circulation Thru Out Job). RD and released cementers. Stood back 2,800' and LD remaining tubing. KLX ND RMOR 7-1/16" BOPE. Function Test, NU and Torque KLX 11" BOPE. Update JSA. RU Brand X WL. Jet Cut Casing 2,800'. PO/RD and release WL. STS spear and un land casing (No Problems). RU STS certified power swivel. Reciprocate, rotate and condition annulus for cement. SWI, Secure Well & SDFD.	Sqz From 7946 ft to 7606 ft 5 bbl water 31.3 bbl cmt @ 15.8ppg 1.53 y 115sks 6.35gps 26.1 bbl disp Plug 1 from 5645 ft to 5499 ft 3 bbl cmt @ 15.8ppg 1.53y 10sks 6.35gps/21.4 bbl disp. plug 2 from 4,970' - 4,770' 4 bbl ctm @ 15.8ppg 20sks 1.53y 6.35gps/ 18.4 bbl disp
5.0	12/15/2020	12/16/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0. Reciprocate, rotate and condition annulus for cement. Update JSA. RU Schlumberger. Spot stub plug from 2,800' - 2,435' as is: 20 BBLS H2O spacer, 100 SXS 15.8# AGM blend (22 BBLS Slurry, 1.23y, 5.26 GPS) and displaced casing with 37 BBLS H2O (Full Circulation Thru Out Job) SD and let plug balance at 10:00 AM. RD and released cementers. PO/LD 63 Jts 4.5" casing (Sent To Lundvall). RIH scrape 8 -5/8" casing to 1,070'. PO/LD STS scraper. Fill Hole with H2O. SWI, Secure Well & SDFD.	Plug from 2800 ft to 2435 ft 20 bbl water 22 bbl cmt @ 15.9ppg 1.23y 100sks 5.26gps 37 bbl disp

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6.0	12/16/2020	12/17/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0 after 21 hours of pumping stub plug on 12/10/2020. No signs of any fluid migration, LEL'S or any trapped pressures as well is static. RIH remaining tubing to tag TOC (Stub Plug) @ 2,540' (80 Jts). LD partial tubing. Update JSA. RU Schlumberger. Pump shoe plug as is from 1,135' - 629': 10 BBLS H2O spacer, 145 SXS AGM Blend (1.22Y, 5.24 gps 31.5 bbl @ 15.8 ppg), displace tubing with 2.3 BBLS H2O, SD let plug balance. RD and released cemeneters. LD all tubing. KLX ND 11" BOPE. SWI. RDMO (Skid To Kats 31-34).	Plug from 1135 ft to 629 ft 10 bbl water 31.5 bbl cmt @ 15.8ppg 1.22y 145sks 5.24gps 2.3 bbl disp
7.0	12/29/2020	12/29/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0 (Braden Head). Skid beam from Kats 31-34. Spot in on titan containment. Derrick inspection. MIRU Ensign 352. RIH open ended tubing to tag shoe plug TOC @ 682' (Same As Brand X WL Tag Earlier Today). RU Schlumberger. Pump surface plug from 682' - 0' with 45 bbl slurry @ 15.8# G ppg 1.15y 220 sks 5 gps and cement to surface. PO/LD all tubing. SWI. RDMO Ensign 352 (Headed To Kats 8-2-34).	Surface Plug from 682 ft to surface 45 bbl cmt @ 15.8ppg 1.15y 220 sks 5 gps
8.0	1/6/2021	1/7/2021	JSA / SM Issue ground disturbance authorization Dig up around wellhead Issue hot work permit Cut off wellhead 6' 6" below surface (Cement To Surface) Had FLIR camera run (Crestone & Broomfield). Shows good plug job/ no gases present Weld in well cap (Weep Hole) & ID tag Back fill hole. Clean up & haul off wellhead parts (Wattenberg Yard) Leave posts, flagging & sign up around flowline. Flush flow line w/ 5 bbls Fresh water & air compress dry. Remove header at seperater.	