

Well Name: Kats B Unit 2

API # 050141857700	Surface Legal Location	Field Name WATTENBERG	Permit Number	State CO	Well Configuration Type Vertical
Ground Elevation (ft) 5,175.00	Casing Flange Elevation (ft)	Orig KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	Spud Date 1/24/1995 00:00	Final Rig Release Date

Job: Abandon Well / <jobsubtyp> , 12/21/2020 09:00, 16192931.1

Job Category Abandon	Primary Job Type Abandon Well	Secondary Job Type
Start Date 12/21/2020	End Date	

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	11/30/2020	11/30/2020	KATS B UNIT 2 AOL, JSA, HSM, MIRU, MU 2" JUC, RIH TO 8056', SD, WORKED TOOL, UNABLE TO GO FURTHER, POOH, MU SB, RIH TO 8056', SD, WORKED TOOL, POOH, RETRIEVED SAMPLE OF FOAM AND MUD, MU HTP, RIH TO 8030', SD, POKED HOLE, POOH, RDMO tbg/csg-850/ FL-5800 COST-\$1,608.00 DT8801	
2.0	11/30/2020	12/1/2020	Gyro to 8,000' (CoreTech)	
3.0	12/21/2020	12/22/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0/0/74 (Tbg 0/Csg 0/ BH 74). Skid base beam from Kats 31-34. Spot in on Titan containments. Derrick inspection. MIRU & Setup Ensign 352 with rig related equipment. Rolled hole clean. Unable to unland tubing (Stuck). Update JSA. RU Brand X WL. RIH chemical cut tubing free @ 8,031'. PO/RD and release WL. POOH standing back tallying 2-3/8" production tubing (254 Jts/Partial). RBIH STS 3-3/4" wash pipe (20 Jts) on 2-3/8" tubing to top of fish at 8,031'. SWI, Secure Well & SDFD.	
4.0	12/22/2020	12/23/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0. RU STS certified power swivel. Break and established circulation. Wash over stuck tubing from 8,031' - 8,340' (Hard Tag/Torque/Stall). Rolled hole clean (Shale Cuttings). RD STS swivel. POOH tubing and STS BHA (Wash Pipe/Burn Shue). Burn Shoe Shows Pinched Casing. RBIH STS External cutter, wash pipe and 2-3/8" production tubing to 8,340'. Pull up locate collar. RU STS swivel. Make external cut @ 8,326'. RD swivel. Short Trip Tubing. SWI, Secure Well & SDFD.	
5.0	12/23/2020	12/24/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0. PO Tubing, wash pipe and recovered stuck tubing (10 Jts/Partial). Update JSA. RU Brand X WL. RIH set CIBP @ 8,326' W/2SXS cement. RIH Set Niobrara CICR @ 7,500' (Niobrara formation top 7,556', top perf 7,566'). PO/RD and released WL. RIH tubing and stinger. Sting In and space out. Sting out. Roll Hole. PSI Test casing to 500 PSI (Held 15 Minutes). Sting In. SWI, Secure Well & SDFD.	
6.0	12/28/2020	12/29/2020	Held a pre job safety meeting with all involved pesonnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0. PSI test casing to 520 PSI (Held 15 Minutes - Good Test). Sting into CICR. Update JSA. RU Schlumberger. Pump Nio squeeze as is: 115 Sxs 15.8# Nio Blend cement, displace with 25 BBLS H2O, stung out 2600 PSI, leaving 15 SXS over CICR and ETOC inside 4.5" at 7,242'. Short trip to 7,000'. Rolled hole clean. LD partial tubing. Pump 20 sx 15.8# Nio Blend cement from 4,825' - 4,470' (Sussex top at 4,756'), displace tubing with 17 BBLS H2O, SD-Let plug balance (Full Circulation Thru Out Job). POOH standing back 2800' tubing and LD remaining. KLX ND RMOR 7-1/16" BOPE. Function test, NU and Torque KLX 11" BOPE. Update JSA. RU Brand X WL. RIH jet cut casing @ 2,800'. PO/RD and release WL. STS spear and unland casing (No Problems). Circulate/Condition annulus for cement. RU Schlumberger. Pump stub plug from 2,800' - 2,437' with 100 SXS 15.8# AGM Blend W/1% CACI2, displace casing with 37.2 BBLS H2O, SD-Let plug balance at 5:30 PM (Full Circulation Thru Out Job). RD and released cementers. PO/LD 40 Jts casing. SWI, Secure Well & SDFD.	Sqz ffrom 7556 ft to 7242 ft 5 bbl water/ 31.3 bbl cmt @15.8ppg 115sks 1.53y 6.35gps/ 25 bbl disp. Plug 1 from 4825 ft to 4470ft 5 bbl water/ 5.5 bbl cmt @15.8ppg 1.53y 6.35gps 20sks/ 17 bbl disp. Plug from 2800 ft to 2437 ft 5 bbl water 21.9 bbl cmt @15.8ppg 1.23y 100sks 5.23gps 37.2 bbl disp.

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7.0	12/29/2020	12/30/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. IPSI'S 0 after 13.5 hours of pumping stub plug on 12/28/2020. No signs of any fluid migration, LEL'S or trapped pressures. LD remaining 4.5" production casing (Total 64 Jts/Partial - Headed To Lundvall). RIH open ended tubing to tag stub plug TOC @ 2,437'. LD partial tubing. Stood rest back. RBIH scrape surface casing to 1,040'. PO/LD STS scraper. RBIH open ended tubing. Update JSA. RU Schlumberger. Spot shoe plug as is from 1,105' - 670': 5 BBLS H2O spacer, 27.6 bbl slurry @15.8# G 135sks 1.15y 5gps, displace tubing with 2.3 BBLS H2O, SD -Let plug balance at 12:00 PM (Full Circulation Thru Out Job). RD cementers. LD all tubing. KLX ND 11" BOPE. SWI. RDMO Ensign 352 (Headed To Kats 31-34).	Shoe Plug from 1105 ft to 670 ft 5 bbl water 27.6 bbl cmt @15.8ppg 135sks 1.15y 5gps 2.3 bbl disp
8.0	12/31/2020	12/31/2020	Held a pre job safety meeting with all involved personnel. Addressed any safety concerns prior to starting any tasks. Skid beam from Kats 6 -4-34. Spot in on titian containments. MIRU Ensign 352. IPSI'S 0 (After 38 Hours of pumping shoe plug on 12/29/2020). No signs of any trapped pressures, LEL'S or fluid migration as well is static). RIH open ended tubing to tag TOC @ 740'. Update JSA. RU Nextier. Spot surface plug as is from 740' - 0': 5 BBLS H2O spacer, 229 SXS 15.8# G cement and cement to surface. RD cementers. PO/LD all tubing. Nextier top well off with 5 SXS 15.8# G cement. RD and released cementers. RD Ensign 352. Clean up location. Rig move and spot in on Bickler 4-6-34. SDFD (New Years Break).	
9.0	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.	