

Well Name: FLADER INDUSTRIES INC. B-1

API # 050010653600	Surface Legal Location NWNW Sec 34-T3S-R65W	Field Name	Permit Number	State CO	Well Configuration Type
Ground Elevation (ft) 5,560.00	Casing Flange Elevation (ft)	Orig KB-Ground Distance (ft) 0.00	KB-Casing Flange Distance (ft)	Spud Date	Final Rig Release Date

Job: Abandon Well / <jobsubtyp> , 7/22/2021 06:00, 16193153

Job Category Abandon	Primary Job Type Abandon Well	Secondary Job Type
Start Date 7/22/2021	End Date 7/26/2021	

Objective

Post-Job Summary

Rpt #	Start Date	End Date	24 Hr Summary	Remarks
1.0	5/25/2021	5/26/2021	Locate and expose old well bore. Mobilize 2 dozers. Start building drill pad.	
2.0	5/26/2021	5/27/2021	Finished stripping top soil. Started working on pad build. Shut down due to active hawk nest.	
3.0	5/27/2021	5/28/2021	Demob equipment	
4.0	7/16/2021	7/17/2021	Mobilize 2nd dozer and excavator. Mix low area that filled with water. Start wroking on cut and fill.	
5.0	7/17/2021	7/18/2021	Working on cut and fill to bring pad to grade.	
6.0	7/19/2021	7/20/2021	Install and weld 8 5/8" collar on surface casing, add extension, and install 8 5/8" welhead. Brought pad to final grade. Install cellar ring. Mobilize compactor.	
7.0	7/20/2021	7/21/2021	Blade and compact location. Place mat boards on access road. Place road base at each end of mat boards.	
8.0	7/21/2021	7/22/2021	Move in and set Camps Lay liner for Ensign 122 with Shalestone Notified COGCC Inspector Justin Medina at 08:00 7-21-21 of Ensign 122 rig move at 08:00 7-22-21 and BOP test at 18:00 7-22-21. De-mob blade, compactor and dozer.	Notified COGCC Inspector Justin Medina at 08:00 7-21-21 of Ensign 122 rig move at 08:00 7-22-21 and BOP test at 18:00 7-22-21
9.0	7/22/2021	7/23/2021	Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported. Move Ensign 122 from Lasalle Yard to Flader Industries Inc. B-1, with Ensign Trucking. Rig up: Electrical Lines, Mud lines, Water lines, Hydraulic lines, Raise Derrick and Gas Buster, Install Flow Line, Rig up Top Drive and Floor Equipment. Nipple up BOP, hook up flow line, choke line, kill line and vibrating lines. Fit gas buster to flow line. Install 2 Fischer pumps in cellar. Hook up choke and vibrating line. Complete waterline hookup. Function test BOP, install 4" cellar pump, drive ground rods, Strap and Tally BHA and Drill Pipe.PJSM, install test plug, Pathfinder pressure test BOPs, Test pipe rams, Blind rams. Annular, choke and kill line valves, Manual IBOP, Dart and TIW valve, Choke manifold to 250 low and 3000 high. Install wearbushing. Rig up flare lines. Finish strapping Drill pipe. Continue Building Mud to 9.8 PPG. Begin Making up 7-7/8" 516 PDC bit & Directional BHA. Tagged up @ 100'. Finish Building Mud to 9.8 PPG.	

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10.0	7/23/2021	7/24/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported 2.5 hrs of NPT due to Schlumberger not having enough drivers to get ABT trucks to location.</p> <p>Wash and ream from 100' to 215' : WOB 0-2k, RPM 40, GPM 300, SPP 350 psi. Circulate and condition hole clean. Attempt to test 8 5/8" Casing, 200 psi for 10 min good test, 100 psi test (failed) while attempting to pressure up to 1000 psi, leaked-off at 355 psi and bled back to 185 psi. Drill cement from 215' to 236', Wash and ream old hole to 1,777'. Never tagged cement plug. No bit weight while washing and reaming. No stack-out weight with pumps and rotary off. Circulate 2 - 20 bbl Hi-vis sweeps around. Shakers clean. POOH to BHA. Laydown BHA. Pull wearbushing. Prep rig floor to run 7" casing. Make up shoe, 1 full joint of 7" P110 HC R-3 FlushMax casing, Float collar, 19 joints of 7" P110 HC R-3 FlushMax casing and 1 7" casing crossover Back to LTC. Make up landing joint and set casing @ 871'. Circulate hole clean for cement Job. Continue Circulating while waiting on Schlumberger. Requested on location for 0130 hrs. Not enough drivers to bring ABT trucks to location. PJSM, rig down CRT, rig up Schlumberger cement head and lines, install restraints. Fill line and test lines to 250 psi low & 2500 psi high test, Pump 20 bbl of freshwater, Mixed and pump 133 bbls of Cement @ 14.2 ppg - 512 sks, 1.46 yield. Displace with 31 bbls of freshwater. Bump plug @ 0553 hrs to 500 psi over. Hold for 5 mins. Bled back 1/2 bbls. Floats held. Got 45 bbls of cement to surface.</p>	Notified COGCC Inspector Justin Medina at 13:45 7-23-21 of upcoming 7" casing and cementing operations
11.0	7/24/2021	7/25/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>WOC.</p> <p>Back out Landing joint, L/D Landing joint and CRT</p> <p>N/D BOPs Remove 11" 5K WellHead and Pup Joint. Nipple up 7-1/16 x 11" wellhead on 7" casing. Install BOP and nipple up. Function Test BOPs, Held PJSM with Pathfinder, Test Pipe Rams, Annular, XT-39 floor valves, to 250 psi f/5 min, 3000 psi f/10 min. Test Casing t/1000psi for 30 mins. Rig down Tester.</p> <p>Rig service. Repair light mitigation from wind. Install wearbushing.</p> <p>Make up BHA. TIH. Tag cement @ 815'.</p> <p>Drill cement and shoe track. Wash and ream cement to 1,085'. Check shots are not matching Previous surveys. Previous Survey @ 912' was 1.8 deg check shot 2.3 degree. Previous survey 1,002' was 1.5 deg and check shot was 2.6 deg. Previous survey 1,002' was 1.5 deg and check shot was 2.6 deg. Next check shot @ 1,026 inclination was up to 2.8 deg.</p> <p>Circulate and work pipe. Check cuttings on bottom's up. Cement cuttings on bottom's up.</p> <p>Control drill @ 25 FPH to 1230'. Taking check shots and comparing with surveys</p>	

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12.0	7/25/2021	7/26/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>Control drill @ 25 FPH from/1230'. to 1300' Taking check shots and comparing with surveys.</p> <p>Circ. B/U at 1300'.</p> <p>Trip out hole, Taking surveys every joint to casing shoe at 871'. Finish Trip out hole and Lay down BHA.</p> <p>Rig Service.</p> <p>Trip in hole with drill pipe to 850'. Circ. Bottoms up,</p> <p>Wait on Schlumberger Cementers</p> <p>Trip in hole with drill pipe to 1300'.</p> <p>Circ. Bottoms up, Held PJSM with Schlumberger Cement Crew</p> <p>Kick off Plug. 1300' – 697' 600' plug. Fill lines with 5 bbl. Of fresh water. Pressure test to 1500 psi</p> <p>Pump 8.5 bbls. fresh water followed by 22.7 bbl. 110sks G cement, 10% excess. in open hole 15.8 ppg cement. Yield 1.16 ft/sks, followed by 6.1 bbl. fresh water. Went on C pump only after 4.5 bbls pumped .9 bbl. per minute to .4 bbl. per minute. Static. CIP @ 1800 hrs.</p> <p>Rig down cementers. Trip out of hole @ 30 FPM to 220'.</p> <p>Drop Nerf Ball and Circulate pipe & Hole clean. No cement to surface.</p> <p>Finish Tripping out of hole.</p> <p>Wait on cement. Layout and strap BHA.</p> <p>Make up Ulterra 513M bit with 7/8 2.6 .26 RPG 1.5 Deg mud motor, Make up Pony collar. While taking off collar clamp the clamp bolt fell down the hole.</p> <p>Drain stack. Bolt was wedge between mud motor and groove of top pipe rams. Open door on Blind rams and retrieve bolt. Close and tighten door up. Laydown pony collar and mud motor. Pull wearbushing. Set test Plug and fill stack. Pathfinder tester ETA 0630 hrs.</p>	

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13.0	7/26/2021	7/27/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>PJSM with Pathfinder, Test Pipe Rams 250 low 5min, 3000psi hi 10 min, pull test plug set wear bushing.</p> <p>Make up Ultrerra 513 bit with 7/8 2.6 .26 RPG 1.5 Deg mud motor, & MWD tools Scribe same. TIH picking up 9 HWDP.</p> <p>Trip in hole tag cement at 630'.</p> <p>Drill cement from 630 - casing shoe 871' WOB-2K, RPM-30, GPM-210, Drilled out of shoe from 871' to 1021' (The last 20 ft with 0 WOB) tripped in from 1021' to 1080' taking very little weight. (Taking 30 ft. Surveys confirm between the original wellbore and sidetrack well bore 0.75' separation from original wellbore)</p> <p>Drill from 1080' t/1121', started packing off. Re-Establish Circulation & L/D 1 jt. DP.</p> <p>Circulate and ream hole from 1084' to 1121'.</p> <p>Drill from 1121' t/1265'. Reaming each connection several times. Got back into original wellbore @ 1265'. Continue Washing & reaming from 1265' to 2026'. 1-3 WOB / 220 GPM / 50 - 225 ROP. Pumping sweeps to clean hole.</p>	
14.0	7/27/2021	7/28/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>Washing & reaming from 2026' to 2248'. 1-3 WOB / 300 GPM / 150 - 300 ROP. Pumping sweeps to clean hole.</p> <p>Circ. Bottoms up.</p> <p>Trip out hole for Straight Mud Motor.</p> <p>L/D Mud Motor and Bit.</p> <p>Rig Service.</p> <p>Make up Ultrerra 513 bit, 5" 7/8 8.2 .7 RPG motor & MWD tools.</p> <p>Trip In Hole to 2248, Wash last two jts to Bottom.</p> <p>Washing & reaming from 2248' to 4630'. 1-3 WOB / 325-350 GPM / 50 - 450 ROP.</p> <p>Rig Service.</p> <p>Washing & reaming from 4630' to 5256'. 1-3 WOB / 325-350 GPM / 50 - 450 ROP</p>	

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15.0	7/28/2021	7/29/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>Washing & reaming from 5256' to 5344'.</p> <p>Circ. 2 sweeps around due to hole trying to packoff.</p> <p>Washing & reaming from 5344' to 5634'.</p> <p>Circ. gas out of well through choke, dust mud weight up to 10.5 ppg.</p> <p>Washing & reaming from 5634' to 6167'.</p> <p>Circ. gas out of well through choke, Raise mud weight up to 10.7 ppg.</p> <p>Washing & reaming from 6167' to 6511'. Lost Partial returns.</p> <p>Pull 4 joints. Re-establish full circulation. Circulate bottom's up.</p> <p>Washing & reaming from 6511' to 7324'.</p>	
16.0	7/29/2021	7/30/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>Washing & reaming from 7324' to 7700'.</p> <p>Circ. 2 Sweeps Around with Pump #1, 108 SPM, 236 GPM (Changing Liner in Mud Pump #2)</p> <p>Trip out hole 5 stands wet to 7230' while mix dry job. Pump Dry Job</p> <p>Trip out hole Laying Down D.P. to BHA</p> <p>Laydown BHA.</p> <p>Rig Service.</p> <p>Trip in hole opened to 7700'.</p> <p>Circulate hole clean. While rigging up Schlumberger cementers.</p> <p>Plug #1. 7700' – 7500' 200' plug. Fill lines with 5 bbl. Of fresh water. Pressure test to 1500 psi. Pump 17.3 bbls mud push followed by 18.1 bbl. 67 sks G cement, 50% excess in open hole 15.8 ppg cement. Yield 1.53 ft/sks, followed by 2.7 bbl spacer. Displace with 68 bbls of 10.6 ppg WBM Till plug balanced. Shut down. Static.</p> <p>Rig down Schlumberger lines and circulating swedge. POOH to 6945'.</p> <p>Circulate Drill pipe & hole clean.</p>	Notified COGCC Inspector Justin Medina at 09:45 7-29-21 of upcoming Plug Back/cementing operations

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17.0	7/30/2021	7/31/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents or incidents reported 1 Spill Reported, 12 gal WBM on Ground</p> <p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents or incidents reported 1 Spill Reported, 12 gal WBM on Ground Trip out hole to 3014' Circulate hole clean @ 3014'. Held PJSM with Schlumberger Flow Check well was static Cement Plug #2. 3000' – 2715' 285' plug. Plus 100% Excess Fill lines with 5 bbl. Of fresh water. Pressure test to 2500 psi Pump 29.6 bbls mud push spacer followed by 34.3 bbl. 166 sks G Premium Gas Block cement, 100% excess in open hole 15.8 ppg cement. Yield 1.16 ft/sks, followed by 2.7 bbl mud push spacer. Displace with 21 bbls of 10.6 ppg WBM. (went to C Pumps only after 20 bbls dropped to 0.2 bbl/min at 21 bbls) Till plug balanced. Shut down. Well Static. (Full returns Throughout Job) CIP @ 11:15hrs Rig down Schlumberger lines and circulating swedge. POOH to 2030'. Circulate @ 2030'. (Returns diminished just before Bottoms up 12ppg Spacer at surface) Trip out to shoe 871' Circ. Hole Clean, 5 bbls. contaminated cement to surface. Full Returns, Trip out hole to surface (No Cement inside or outside on drill pipe) Trip in Hole to Shoe 871'. wash to 2030', Circ. Clean Plug #3. 2030' – 1600' 430' plug. Plus 100% Excess Fill lines with 5 bbl. of fresh water. Pressure test to 2500 psi Pump 18 bbls mud push spacer followed by 51.8 bbl. 251 sks G Premium Gas Block cement, 100% excess in open hole 15.8 ppg cement. Yield 1.16 ft/sks, followed by 2 bbl mud push spacer. Displace with 12.8 bbls of 10.6 ppg WBM. (went to C Pumps when start 10.6 WBM started at 2.5 bbl/min slowed to .5 bbl/min at 12.8 bbls) Shut down. Well Static. (Full returns Throughout Job) CIP @ 19.50hrs Trip out to 630'. Circ. 1X bottoms up, Wait on Cement (after 6 Hrs. sample was still fluid) wait 8 hours Trip In tag Cement @ 1463 with 5K Trip out to 1411', Circ. B/U for cement</p>	Notified COGCC Inspector Justin Medina at 09:45 7-29-21 of upcoming Plug Back/cementing operations

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18.0	7/31/2021	8/1/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>Check Flow, well static Held PJSM W/Schlumberger, Rig Up Lines Plug #4. 1410' – 995' 415' plug. Plus 50% Excess Fill lines with 5 bbl. of fresh water. Pressure test to 2500 psi Pump 17.2 bbls fresh water followed by 37.5 bbl. 181 sks G cement, 50% excess in open hole 15.8 ppg cement. Yield 1.16 ft/sks, Displace with 6 bbls of fresh water. (Went to C Pumps only when start displacement cut displacement short by 4 bbls) Shut down. Well Static. (Full returns Throughout Job) CIP @ 07:00hrs Trip out hole to surface Nipple down BOPs, R/D Flare Line while W.O.C. 6 hrs. Trip in Hole tag Cement Plug #4 at 1092' Circ. Bottoms up at 1070' Pooh to Shoe 871' & Wait on Schlumberger to deliver 300sks cement to Location Trip in hole to 1070'. Circulate bottom's up. Check Flow well is static. Plug #5. 1070" – surface' 1070' plug. Fill lines with 5 bbl. of fresh water. Pressure test to 2500 psi Pump 15 bbls. freshwater followed by 48.8 bbl. 236 sks G cement, 15.8 ppg cement. Yield 1.16 ft/sks, Cement back to surface with 45 bbls. away. Got 3.8 bbls of cement to surface. Shut down. Well Static. (Full returns Throughout Job) CIP @ 2130 hrs. Trip out of hole. Wait on cement. Wash up cellar pump and lines. Begin rigging down unneeded equipment for rig release. Trip in hole with drill pipe & tag cement @ 22.5'. from RKB, 5.5' from top of 7" casing, (Top of 7" casing 17' from RKB) Rig Up and run Grout string to 5.5'. Mix and Pump Top out: 0.3 bbls 2 sks G cement, 15.8 ppg cement. Yield 1.16 ft/sks, C.I.P. at 04:25 R/D Stand Pipe, Change out Saver Sub, L/D Derrick, R/D Mud Pumps, Mud Lines, water lines, Fisher pumps and Fuel lines to back yard. Transfer all mud to frac. tanks</p>	Notified COGCC Inspector Justin Medina (Left Voice Mail) at 17:35 7-31-21 of continuing Plug Back/cementing operations,
19.0	8/1/2021	8/2/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>Clean Mud Pits with Freedom Drilling Services, Wash Derrick and Sub, Load out Quail Rental Pipe and Tools. Change valves on mud tanks, lower doghouse</p> <p>Rig Release at 12:00 hrs. 08-01-21</p>	
20.0	8/2/2021	8/3/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>Load out WBM and Haul to Disposal Transport Crestone Equipment to Wattenberg Yard Release Remaining Rentals, (HB Rentals, Drillcom, Innovative Solutions)</p>	
21.0	8/3/2021	8/4/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>Prep Rig for Move. Send 3 Saver Subs to NOV Tubescope in Brighten for Re-Cut</p>	
22.0	8/4/2021	8/5/2021	<p>Flader Industries Inc. B-1 P&A Well 1 of 1 No accidents incidents or spills reported</p> <p>Move Ensign 122 off Location, Last load off Location at 1530hrs.</p>	
23.0	8/6/2021	8/7/2021	<p>Straud pick up and haul off rig mats</p>	

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24.0	8/9/2021	8/10/2021	Use FLIR Camera to confirm no gas. Cut off 7" casing @ 60" below ground level. Weld cap and P&A well plate on 8 5/8" Surface casing. Backfill and cover well.	
25.0	8/10/2021	8/11/2021	Mobilize D8 dozer for reclaim	
26.0	8/17/2021	8/18/2021	Pushing pad back to original grade	
27.0	8/18/2021	8/19/2021	Pushing pad back to original grade. Remove cellar ring and k-rails.	
28.0	8/20/2021	8/21/2021	Pushing pad back to original grade.	
29.0	8/21/2021	8/22/2021	Pushing pad back to original grade.	
30.0	8/23/2021	8/24/2021	Spreading top soil working on final grades.	
31.0	8/24/2021	8/25/2021	Working on final grade, rip and disc.	