



# Well History

**Well Name: Brighton Farms LTD 1**

API 05001071910000		Surface Legal Location SWSW 31 1S 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal	
Ground Elevation (ft) 5,065.00	Original KB Elevation (ft) 5,075.00	KB-Ground Distance (ft) 10.00	Spud Date 11/2/1976 00:00	Rig Release Date	On Production Date	Abandon Date 8/31/2023			

**Job**

**WBI - Abandon Well PDC, 8/21/2023 06:00**

Job Category Abandon	Primary Job Type WBI - Abandon Well PDC	Start Date 8/21/2023	End Date 8/31/2023	Objective Re-entry offset to Adams Crossing
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**Daily Operations**

Start Date	Summary	End Date
8/21/2023	Red zone dug out well stub. DUCO hot tapped 8-5/8" casing. 0 pressure on well. Cut of welded on plate and stubbed up 8-5/8" casing to surface. Installed 8-5/8" casing head and 11" 3k adapter flange. RMOR stump tested 9" 3k BOP blind rams and pipe rams to 250 psi low and 1500 psi high. Good test. Stump test annular bag 250 psi low and 1500 psi high. Test 2 TIW valves to 250 psi low and 5000 psi high. NU 11" 3k x 9" 3k spool with dual valves and 3" connections. NU 9" 3k BOP and annular bag. MIRU Ensign rig 313 and all related equipment on Titan containment. Installed blank tbng hanger with 10' x 2-7/8" pup jnt in wellhead, closed annular bag and test stack to 1200 psi. Held good. Bled off pressure and removed tbng hanger. Spot in pipe wrangler and pipe racks. Lay out 10 3-1/2" 32# drill collars on racks. RU power swivel. MIRU All American burner and separator. Lay 3" lines to wellhead. Secured well. SDFD. Crew to yard.	8/21/2023
8/22/2023	Crew to location. Held safety meeting. 0 pressures on well. JAMM Power Service performed Ohms tests on all energized equipment and made adjustments to grounding as needed. PU STS 7-7/8" blade bit, bit sub and RIH with 3-1/2" 32# drill collars stacking out at 86' with 17' of the 3rd collar. Broke circulation conventionally pumping 1 bpm at 0 psi and began drilling on cement plug. Increased rate to 3 bpm at 200 psi and drilled thru hard cement to 162' with 5 collars. Pulled 15' off bottom and test surface casing to 640 psi. Held good. Mixed 5 gallons of clay treat and 5 gallons of detergent in 100 bbls of water in shaker tank. Bled off pressure and resumed drilling. Fell thru cement at bottom of surface plug at 196' with 3' of 7th collar. Drilled thru stringers then fairly smooth after 225'. PU total of 10 3-1/2" drill collars then PU 2-7/8" 7.9# P-110 PH6 tbng and continued washing and reaming down to 944' with 20 jnts. Had multiple hard tags and very heavy cement and dehydrated mud returns. Rolled hole clean. Final pump pressure 400 psi at 3 bpm. LD 1 jnt with swivel. RD swivel. LD 1 more jnt. SB 16 jnts in the derrick. Secured well. SDFD. Crew to yard.	8/22/2023
8/23/2023	Crew to location. Held safety meeting. 0 pressures on well. RIH with 17 jnts of 2-7/8" 7.95# P-110 PH6 tbng. RU swivel on jnt 20. RIH and had light tag at 947' with 3' in on jnt 21. Reamed thru and continued washing and reaming down to 1288' with 31 jnts stopping every 3 jnts to roll hole clean. Heavy dehydrated mud returns but no cement. Started losing circulation. Mixed 5 gallons of clay fix and 5 gallons of mud thinner to mud tank. Pumping 3 bpm and returning 1 bpm to tank. LD jnt 31. Unable to regain circulation. LD 3 more jnts to leave EOT at 1162' with 27 jnts in the hole. Rotated tbng slowly while waiting for LCM. Resumed pumping 2 bpm while adding 3 cu/ft of sawdust to mud and regained circulation after 16 bbls. Pump pressure 400 psi at 2 bpm. RIH washing down smoothly with good returns and rolled hole clean after every 3 joints to keep annulus lite. Washed down fairly smooth to tag at 2320' with 2' of jnt 65. Started reaming walls. Washed and reamed down to 2629' with 74 jnts. Increased pump rate to 3 bpm at 650 psi and rolled hole for 80 minutes to clean up. Small gravel, dehydrated mud and fine grit returns. LD 1 jnt with swivel. RD swivel. LD 1 more jnt. TOOH to derrick with 70 jnts. Secured well. SDFD. Crew to yard.	8/23/2023
8/24/2023	Crew to location. Held safety meeting. 0 pressures on well. LD 2 jnts of 2-7/8" PH6 tbng. LD 10 3-1/2" drill collars and load on gooseneck. Bottom joint was plugged with mud. 7-7/8" blade bit in good shape. PU and RIH with 5-7/8" blade bit, bit sub and 95 jnts of 2-7/8" PH6 tbng to 2973'. Broke circulation conventionally pumping 3 bpm at 500 psi. Rolled hole returning moderate amount of dehydrated mud. Continued in hole running 20 jnts and rolling hole for 20-30 minutes. Had to work bit thru tight spot from 5038'-5100' then smooth again to 5441' with 174 jnts. Rolled hole for 2 hours 3 bpm at 900 psi. Heavy solids returned to shaker tank. Trace of oil and a small gas bubble to surface at bottoms up. Equalizing valve in shaker tank plugged off. Sent final returns to work tank. Pulled 174 jnts of 2-7/8" PH6 tbng to the derrick for the night. Will bottom out shaker tank tonight and unplug valves. Secured well. SDFD. Crew to yard.  160 bbls of mud hauled to Pawnee with manifest.	8/24/2023
8/25/2023	Crew to location. Held safety meeting. 0 pressures on well. RIH from derrick with 5-7/8" blade bit, bit sub and 88 jnts of 2-7/8" PH6 tbng to 2754'. Had slight tag at 811' and a hard tag at 1536' then smooth again. Broke circulation conventionally pumping 2 bpm at 200 psi then increased rate to 3 bpm at 400 psi and rolled hole for 1 hour. RIH with 86 more jnts to 5441'. Rolled hole for 1 hour. Heavy dehydrated mud returns. Ran 20 more jnts to 6065' with 194 jnts. Rolled hole for 1 hour with moderate solids returned and a trace of oil and gas. Ran 20 jnts to 6692'. Rolled hole for 20 minutes. Ran 21 jnts to 7349' with 235 jnts. Rolled hole 3 bpm at 1100 psi for 2 hours. Heavy dehydrated mud returns. Final pump pressure 800 psi at 3 bpm. Shut down pump. Well remained static. POOH standing back 234 jnts. LD 1 jnt and bit. Secured well. SDFD. Crew to yard.	8/25/2023
8/28/2023	Crew to location. Held safety meeting. 0 pressures on well. RIH from derrick with mule shoe and 24 jnts of 2-7/8" 7.9# P-110 PH6 tbng. Stacked out at 737'. LD 4 jnts. RIH with 1 stand. RU swivel on jnt 23. Broke circulation conventionally pumping 2 bpm at 200 psi and washed down to 818' with 26 jnts. Rolled hole for 30 minutes. Moderate solids in returns. RD swivel. RIH and stacked out again at 849' with all of jnt 27. LD 10 jnts. Ran 3 stands and stacked out at 723'. RU swivel on jnt 24. Rotated and washed down to 1068' smoothly with 34 jnts. RD swivel. Ran 46 jnts to 2505' with 80 jnts. Broke circulation pumping 3 bpm at 600 psi then slowly lost circulation. Pump pressure did not increase. Shut down pump after 16 bbls lost. Opened return line and returned 10 bbls. LD 10 jnts. EOT at 2191' with 70 jnts in the hole. Broke circulation again pumping 3 bpm at 600 psi. Reciprocated tbng to maintain 2 bpm returns while pumping 3 bpm. Returns slowly increased to 3 bpm. Had to roll the hole for 1 hour to clean up. RIH 10 more jnts to 2505'. Broke circulation for 15 minutes. Shut down pump. RIH with 36 more jnts to 3633' with 116 jnts. Rolled hole for 1.5 hours to clean up dehydrated mud. Shut down pump. Well static. POOH with tbng and mule shoe. Secured well. SDFD. Crew to yard.	8/28/2023



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### Daily Operations

Start Date	Summary	End Date
8/29/2023	<p>Crew to location. Held safety meeting. 0 pressures on well. RIH from derrick with mule shoe and 28 jnts of 2-7/8" 7.9# P-110 PH6 tbng. Stacked out at 881'. LD tag jnt. RU swivel on jnt 28. Broke circulation conventionally pumping 2 bpm at 200 psi and washed down to 1037' with 33 jnts. Rolled hole for 40 minutes. Moderate solids in returns. RD swivel. RIH and stacked out again at 2651' on jnt 85. Worked thru and RIH smoothly to 5441' with 174 jnts. Rolled hole for 30 minutes. Good circulation. Continued RIH to 7349' with 235 jnts. Broke circulation pumping 3 bpm at 700 psi and conditioned hole for 2 hours. MIRU DUCO cementers. Held safety meeting. Test pump and lines to 2000 psi. Established circulation with 5 bbls fresh water. Reciprocated tbng string while cementers mixed and pumped 250 sks of class G 15.8# cement in a 51.2 bbl slurry. Displaced 29 bbls fresh water and caught pressure. Shut down pump to balance plug at approximately 5576'. Washed up pump and lines. RDMO cementers. LD 17 jnts. POOH to derrick with 218 jnts. Secured well. SDFD. Crew to yard.</p>	8/29/2023
8/30/2023	<p>Crew to location. Held safety meeting. 0 pressures on well. RIH from derrick with mule shoe and 17 jnts of 2-7/8" 7.9# P-110 PH6 tbng. Stacked out at 536' with 2' out on jnt 17. Unable to rotate thru with tongs. RU swivel on jnt 18. Broke circulation conventionally pumping 2 bpm at 200 psi. Still unable to make hole. RD swivel. LD 18 jnts. RIH with 4-3/4" blade bit, bit sub, xo 1 jnt of 2-7/8" PH6 tbng and 16 jnts from derrick. Broke circulation and rotated thru 4' of fill then fell thru in less than 2 minutes. Continued in hole picking up jnts from pipe racks. Stacked out again at 723' then rotated thru. RD swivel. RIH to hard tag on cement plug at 4632' with 148 jnts. LD71 jnts to leave EOT at 2411' with 77 jnts. Rolled hole for 2 hours until solids diminished. Shut down pump. Well remained static. MIRU DUCO cementers. Held safety meeting. Established circulation with 5 bbls fresh water. Test pump and lines to 2000 psi. Mixed and pumped 120 sks of class G 15.8# cement in a 24.6 bbl slurry. Displaced 11 bbls to balance plug at 2158'. Washed up pump and lines. RDMO cementers. LD 77 jnts and load on trailer. LD bit and bit sub. Secured well. SDFD. Crew to yard.</p>	8/30/2023
8/31/2023	<p>Crew to location. Held safety meeting. 0 pressures on well. RIH from derrick with 4-3/4" blade bit, bit sub, xo and stacked out with 2' of jnt 23 at 697'. Unable to work thru with rig tongs. Stood back tag jnts and LD 10 jnts. RIH with 5 stands and RU swivel on jnt 23. Broke circulation pumping 2 bpm at 200 psi and rotated thru fill. Continued swiveling in 10 jnts to 1006' with 32 jnts. Had to rotate thru fill at 818', 850' and 889'. RD swivel. RIH from derrick and tagged cement plug at 2067' with 66 jnts. LD 20 jnts. EOT at 1442'. Rolled hole while MIRU DUCO cementers. Held safety meeting. Test pump and lines to 2000 psi. Established circulation with 5 bbls fresh water. Mixed and pumped 250 sks of class G 15.8# cement +2% CaCl2 in a 51.2 bbl slurry. Displaced 4.2 bbls to balance plug at 915'. Washed up pump and lines. LD 24 jnts to leave EOT at 695' with 22 jnts. Attempt to reverse circulate hole. Pumped out at 350 psi without breaking circulation. Pumped conventionally and established circulation pumping 2 bpm at 200 psi. Rolled hole for 3 hours while WOC. Shut down pump. Well remained static. RIH from derrick with 2 jnts. Tagged cement plug at 755'. LD 4 jnts and RIH with last stand. EOT at 695' with 22 jnts. Rolled hole while RU DUCO cementers. Held safety meeting. Established circulation with 5 bbls fresh water. Mixed and pumped 510 sks of class G 15.8# cement to surface. 1 bbl returned to tank. LD 22 jnts, bit sub and bit. Cement at surface. Washed up pump and lines. ND stack and adapter flange. Installed cap on wellhead. Rig down.</p> <p>Well to be cut and capped after 5 days per COGCC Final report</p>	8/31/2023