



Well History

Well Name: MONFORT-BOSTROM 1

API 05123074140000		Surface Legal Location NWNW 30 6N 65W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal					
Ground Elevation (ft) 4,710.00		Original KB Elevation (ft) 4,720.00		KB-Ground Distance (ft) 10.00		Spud Date		Rig Release Date		On Production Date		Abandon Date 10/18/2020	

Job

Drilling - original, 12/31/1971 00:00

Job Category Drilling	Primary Job Type Drilling - original	Start Date 12/31/1971	End Date 2/5/1972	Objective
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Daily Operations

Start Date	Summary	End Date

Abandon Zone, 3/6/1972 00:00

Job Category Abandon	Primary Job Type Abandon Zone	Start Date 3/6/1972	End Date 3/6/1972	Objective
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Daily Operations

Start Date	Summary	End Date

Drilling - re-entry, 12/17/1979 00:00

Job Category Drilling	Primary Job Type Drilling - re-entry	Start Date 12/17/1979	End Date 1/8/1980	Objective
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Daily Operations

Start Date	Summary	End Date

Initial Completion, 2/4/1980 00:00

Job Category Completion/Workover	Primary Job Type Initial Completion	Start Date 2/4/1980	End Date 3/5/1980	Objective
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Daily Operations

Start Date	Summary	End Date

Abandon Zone, 3/25/1980 00:00

Job Category Abandon	Primary Job Type Abandon Zone	Start Date 3/25/1980	End Date 4/9/1980	Objective
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Daily Operations

Start Date	Summary	End Date

WBI - Abandon Well PDC, 10/15/2020 18:00

Job Category Abandon	Primary Job Type WBI - Abandon Well PDC	Start Date 10/15/2020	End Date 10/18/2020	Objective Re-entry P&A
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Daily Operations

Start Date	Summary	End Date
10/15/2020	Miru Ensign Rig 354 Held safety meeting. Moved in rig and support equipment. R/u rig. N/u bops and annular bag. Spotted in tanks and and pipe racks. R/u pertostar and torqued well head bolts. R/u to stack and tested blind rams, pipe rams, and annular bag all to 250 psi on the low side and 1000 psi on the high side. All tested good. Test was charted. Waited on all american to finish up with hard line install.	10/15/2020
10/16/2020	Finshed with torque and test, loaded tanks with fresh water. P/u RIH w/ 7 7/8" PDC bit, x-over, STS 3 1/8" mud motor, x-over, and 1- 3 1/2" drill collar. Tagged cement top @ 6' below ground level. R/u power swivel and rig pump, established circulation, started drilling out pumping 2.2 bbl/min at 400 psi. Drilled down to 30' w/ cement in returns. Drilled through surface plug. Lost circulation. Took 50 bbls to gain circualtion. Rolled hole clean. P/u 1 jt 2 7/8" PH6 workstring. Washed down to 75' to hard tag. Started drilling on tag and 3" return line plugged off. Killed pump. Isolated plug. broke and cleared line. Plug consisted of heavy mud. Started drilling once plug was cleared pumping 2.2 bbls/min at 400 psi. Very slow drilling. Cement, plastic and large amount of wood pieces back in returns. Made 20' in two hours. Slow drilling. Lots of wood in returns. Drilled down to 143'. Test casing to 500 psi for 15 minutes. Held good. Resumed drilling to 155'. Very slow. POOH with tbng. LD motor and 7-7/8" PDC bit. PU 7-7/8" open bearing cone bit, bit sub and 5 - 3-1/2" drill collars. RU swivel. Broke circulation and resumed drilling from 155'. Drilled 10' in 10 minutes and fell thru. Lot more wood returns. Washed and reamed down to tag at 189'. Started seeing sand and shale with wood returns. Stopped making hole. Bit bouncing. Tried to reverse circulate pumping 2.8 bpm at 500 psi but pumped out formation with minimal returns to tank. POOH with 7-7/8" bit. PU 4-3/4" PDC bit, 3-1/8" mud motor and 6 - 3-1/2" collars. Resumed drilling and fell thru again at 200'. Continued washing and reaming smoothly pumping 2.5 bpm at 100 psi. Drilled down to 5584' w/ 170 jts workstring stoping every 1500' to roll hole clean. Stopped @ 5584' rolling hole.	10/16/2020



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Daily Operations

Start Date	Summary	End Date
10/17/2020	Completed bottoms up @ 5584' w/ 170 jts workstring. Continued to drill out down to a total depth of 6676' w/ 205 jts workstring pumping 2.5 bbl/min at 100 psi. Very clean and smooth drilling/washing from 200' returning only very light mud to tank. Very minimal solids. Rolled hole clean for 3 hours. LD 3 jnts with swivel. RD swivel. POOH to derrick with 202 jnts. LD drill collars, mud motor and bit. RIH with mule shoe and 212 jnts of 2-7/8" 7.9# PH6 tbng to 6693'. MIRU Magnum cementers. Held safety meeting. Test pump and lines to 2000 psi. Pumped 20 bbl fresh water pre-flush. Mixed and pumped 240 sks of Class G 15.8# cement in a 48.7 bbl slurry. Displaced 26 bbls of fresh water and pressured up to 250 psi. Heavy mud returns while pumping job. LD 63 jnts to leave EOT at 4613' with 149 jnts. Cementers pumped 20 bbls fresh water down casing but were unable to circulate up tubing. RU rig pump. Broke circulation down tbng and rolled heavy mud out of hole while waiting to tag plug. 3" flow cross and 3" return lines plugged off repeatedly. Hauled 2 loads of mud to Pawnee Waste. Continued to roll hole until mud was lightened. Killed pump. Well was static for 20 min. P/u RIH from racks w/ 63 jts work string and did not tag stub plug at jt # 212 @ 6693'. R/u Magnum cement services. Held safety meeting and pumped 40 bbls fresh water to establish rate and ensure hole was in good condition. Repumped stub plug from 6693' to 6192' w/ 240 sacks (48.6 bbls) 15.8 PPG G cement. Good circulation throughout the entire job at 3.5 bbl/min rate. Displaced w/ 28 bbls fresh water (calculated was 32 bbls). EST TOC based on displacement is 5384'. Killed pump. Well balanced. R/d cementers. POOH L/d on rack w/ 44 jts leaving 168 in the hole w/ EOT @ 5316'. R/u rig pump, established circulation and rolled hole for 4 hours while waiting on cement to cure. While rolling the hole a large mud plug came to surface and plugged off lines and BOPS. Worked for 1 hour to clear line	10/17/2020
10/18/2020	P/u RIH off rack w/ 1 jt work string and tagged cement top @ 5321'. Good tag 10k on bit. POOH L/d on rack w/ 58 jts work string leaving 111 in the hole @ 3512'. R/u cementers. Pumped 20 bbls fresh water ahead to establish rate. Mixed up and pumped 240 sacks (48.6 bbls) 15.8 PPG G cement from 3512' to 2999'. Good circulation throughout the entire job at 3 bbl/min rate. Displaced w/ 15.5 bbls fresh water to balance plug. Calculated displacement was 15.5 bbls. R/d cementers. POOH L/d on rack w/ 31 jts work string leaving 80 in the hole @ 2530'. R/u rig pump, established circulation and circulated well @ 3 bbl/min at 600 psi. Shut down pump. Well remained static. RIH with 13 jnts and tagged plug at 2933'. PU to 1690' with 53 jnts in hole. RU cementers. Pumped 20 bbl fresh water pre-flush. Mixed and pumped 310 sks of Type III 14.1# cement in a 70.6 bbl slurry. Displaced 5 bbls to balance plug to 1185'. LD 26 jnts. RU rig pump and circulated hole 2 bpm at 300 psi while waiting to tag cement. Shut down pump. Well remained static. RIH and tagged plug with 15' of jnt. 28 at 870'. LD 10 jnts. EOT at 575' with 18 jnts. RU cementers. Pumped 20 bbl fresh water pre-flush. Mixed and pumped 307 sks of Type III 14.1# cement in a 70 bbl slurry to surface. 1 bbl of cement returned to tank. LD tbng. Topped off plug with 44 sks. Total of 351 sks (80 bbls) pumped for surface plug. Washed up pump and lines. RDMO Magnum. Washed up 3" flowback iron and rigged down. ND annular bag, BOP, flow cross and xo flange. ATP dug out and cut off surface head 6' below ground level. Weld on cap and marker plate. Backfilled hole. RDMO Final report.	10/18/2020