



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/2/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	Hour
Pulled out of hole		Ran in Hole			
Joists	Feet	Description	Material	Description	Joists
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		
Description of Work Performed			Pusher Requested	Amount	
<p>PJSM. Load and Inspect all loads. Transport to location</p> <p>Remove fencing. Dig out Braden Head. Spot in Beam, Pump and Rig.</p> <p>Perform a Pre-Raise inspection Raise and Scope Mast, Secure Guy Wires. Spot in BOP/Tool Trailer, Spot in Work Tank, R/U Mud lines and Hobbles. Run out Koomey lines, Prep and function test BOP.</p> <p>Check Well status. Csg 420 psi, Tbg 400 psi. Remove all production Lines. Take on 125 bbls Fluid.</p> <p>Secure all valves. SDFD</p> <p>Crew Travel from 16:30 to 17:30 hrs.</p>			PUSHER: OPERATOR : DERRICKHAND FLOORMAN : FloorHand: PUSHER : EXTRA MAN: RIG OPERATOR & CREW TRAVEL RIG PUSHER PUMP G Neat cement above Pipe Wrangler MOB ba PIPE WRANGLER HCV TANKS FT1, FT3 POWER SWIVEL (mobi LOADER Extra Wire Line Work CSG TONGS Trailer DIESEL FUEL (for OOB TONG → FOSTER HILLM DIES → PECK BJ OIL SLIP → 1 1/16 INSERTS → 2 7/8 2 FISHING TOOLS OIL SAVER RUBBERS SWAB → 1 1/2 2 3/8 CUPS → 2 1/16 2 7/8 PIPE WIPER RUBBERS	TRAVEL HOURS 1.00	
AFE/WO: 120221	CODE:			Wash	
Approved by:					



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/3/2021			
Address:		Lease: Tanaka Bros		Well: 1			
Date work started	12/02/2021	Hour	12:00	Date Work Ended		Hour	
Pulled out of hole		Ran in Hole					
Joins	Feet	Description	Material	Description	Joins		
			Polish Rod				
			Poney Rod	5/8 3/4 7/8 1"			
			Rods				
			Rods				
			Rods				
			Rod Pump				
Description of Work Performed			Pusher Requested			Amount	
Crew Travel From 06:00 to 07:00 hrs			PUSHER:				
PJSM with Rig Crew. Inspect and Service Rig equipment.			OPERATOR :				
Check Well Status, Csg 420 psi, Tbg 400 psi, BH 0 psi.			DERRICKHAND				
Bull head Kill Csg with 70 bbls, Tbg 35 bbls. Remove Mast valve and Larking Wing Nut. Unseat Tbg slips with 28 K, Recover slips and Tbg			FLOORMAN :				
Packing rubber. Strip over BOP N/U test Same. POH SLM 81 Stds. (5,148.98') L/D remaining Tbg. Total Joins recovered 251.			FloorHand:				
SWI with Bland Rams. Secure all valves. Winterize All equipment.			PUSHER :				
SDFD			EXTRA MAN:				
Crew Travel from 13:00 to 14:00 hrs.			RIG OPERATOR & 3				
			CREW TRAVEL				
			RIG PUSHER				
			PUMP				
			G Neat cement above Bi				
			Pipe Wrangler MOB bac				
			PIPE WRANGLER HCW#				
			TANKS FT1, FT3				
			POWER SWIVEL (mobiliz				
			LOADER				
			Extra Wire Line Work				
			CSG TONGS				
			Trailer				
			DIESEL FUEL (for OOB ite				
			TONG FOSTER HILLMA				
			DIES PECK BJ OIL CC				
			SLIP 1 1/16 2				
			INSERTS 2 7/8 2 3/8				
			FISHING TOOLS				
			OIL SAVER RUBBERS				
			SWAB 1 1/2 2 3/8				
			CUPS 2 1/16 2 7/8 3				
			PIPE WIPER RUBBERS 8"				
AFE/WO: 120221	CODE:					Washir	
Approved by:							



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/6/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	
Pulled out of hole		Ran in Hole			
Joints	Feet	Description	Material	Description	Joints
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		
Description of Work Performed			Pusher Requested		Amount
Crew Travel From 06:00 to 07:00 hrs			PUSHER:		
PJSM with Rig Crew. Inspect and Service Rig equipment.			OPERATOR :		
Check Well Status Csg 350 psi. BH 0 psi. Bull head Csg with 40 bbls.			DERRICKHAND		
PJSM. R/U WL M/U 3.625" GR/JB. RIH to 8,053' without issue. POH			FLOORMAN :		
M/U 3.5" CIBP #1 (J sand) RIH set at 8,000'. POH Mix 2 sx of cmt, RIH			FloorHand:		
Dump Bale on CIBP POH M/U 3.5" CIBP #2 (NIO) RIH set at 7,430'			PUSHER :		
Top Perforation at 7,480'. POH mix 2 sx of Cmt, RIH Dump Bale Cmt			EXTRA MAN:		
on CIBP. POH. TIH to 4,132'. Circ Clean. (Recovered High oil and Gas)			RIG OPERATOR & 3		
POH R/U WL M/U RBL Tool, RIH to 7,408'. Log shows excellent Bond			CREW TRAVEL		
from 7,408' to 7,148' (TOC) Free Pipe from 7,147' to 5,028'. DV at			RIG PUSHER		
5,022', Base of Cmt 5,028' TOC 4,776', Free Pipe from 4,775' to Surface			PUMP		
Note Pipe not 100% Free. Intermittent Spots with Dehydrated Mud			G Neat cement above B		
Behind Csg. 750' to surface shows No Cmt. At 717' looks like blockage.			Pipe Wrangler MOB bac		
R/D WL. SWI with Blind Rams, Winterize Pump and Lines.			PIPE WRANGLER HCW		
SDFN.			TANKS FT1, FT3		
Crew Travel from 16:30 to 17:30 hrs.			POWER SWIVEL (mobili		
Send Log to TOP and COGCC for approval to continue with Form 6			LOADER		
Plugging orders. WOO.			Extra Wire Line Work		
			CSG TONGS		
			Trailer		
			DIESEL FUEL (for OOB it		
			TONG FOSTER HILLMA		
			DIES PECK BJ OIL C		
			SLIP 1 1/16 2		
			INSERTS 2 7/8 2 3		
			FISHING TOOLS		
			OIL SAVER RUBBERS		
			SWAB 1 1/2 2 3/8		
			CUPS 2 1/16 2 7/8 3		
			PIPE WIPER RUBBERS 8		
AFE/WO: 120221	CODE:		Washi		
Approved by:					

R 61873



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/7/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	Hour
Pulled out of hole		Ran in Hole			
Joints	Feet	Description	Material	Description	Joints
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		
Description of Work Performed			Pusher Requested	Amount	

Crew Travel From 06:00 to 07:00 hrs
 PJSM with Rig Crew. Inspect and Service Rig equipment.
 Check Well Status. Csg 0 Psi. BH 0 Psi. Monitor Well 30 min.
 No Migration. Pressure Test Csg to 560 psi for 15 min Test Held.
 TIH to 5,148'. Wait on orders from COGCC.

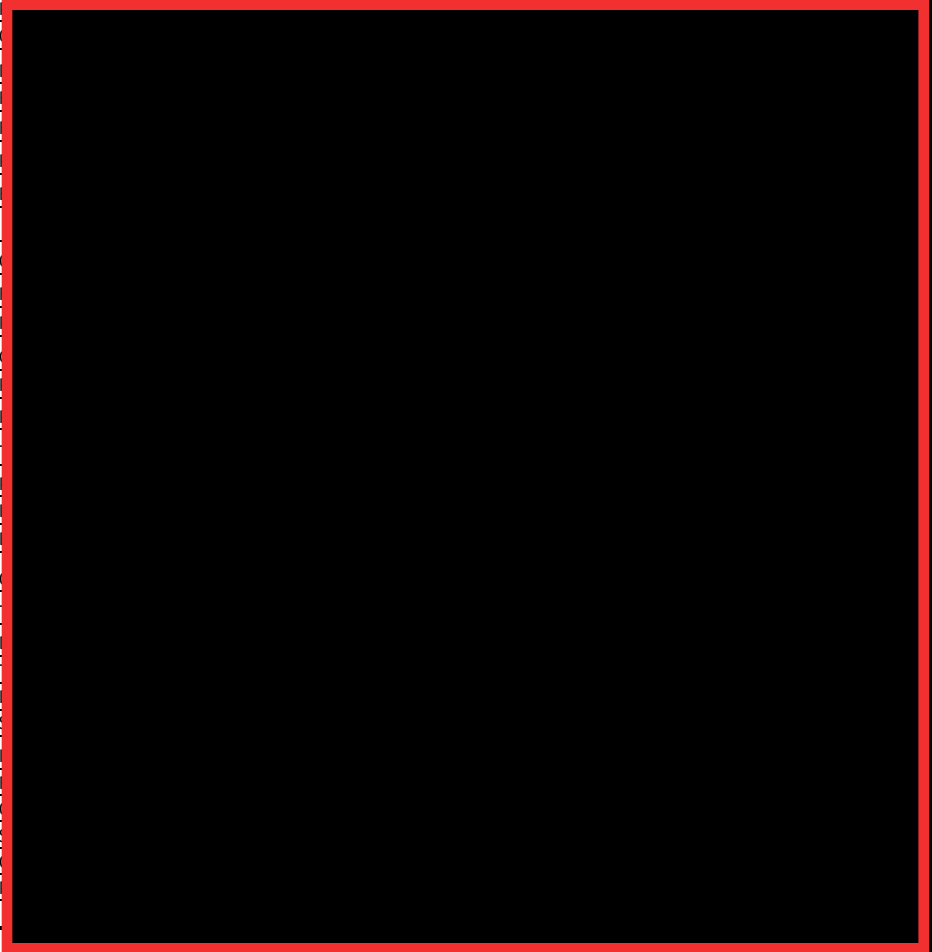
Approval from COGCC 20 sx plug at 5,148' move up hole and Perf at 670' Circ and Pump cement to surface.

PJSM with Cmt crew, R/U Fill lines and test 1500 psi. Pump 5 bbls FW a head with full returns. Mix and Pump 4 bbls of 15.8 ppg G neat. Displace 18.2 bbls FW, Plug balanced. Plug set at 5,148' TOC 4,876' L/D all Tbg filling annulus with FW. PJSM R/U WL M/U 1 ft gun with 6 SPF. RIH shoot holes at 670'. POH Confirm all shots fired. R/D WL. Close Blind Rams. Break circ at 1 BPM. 4 bbls pump had fluid coming up around 8 5/8" Csg. Shut down pump. Dig out to top of BH. Engage Pump. Same. Monitor Well. Csg Static BH gurgling. N/D BOP, Remove Csg head, Install Csg collar and TIW. R/D Move beam. Dig out below BH. Engage pump fluid coming up around NE side of well below BH & 8 5/8" Csg Collar. Call TOP LLC. Waiting to here from COGCC.

Drain Pump while waiting on orders from COGCC. Secure all valves

SDFD (Crew Travel from 16:30 to 17:30 hrs)

Note Fluid in hole dug seeps back down hole. Fluid contain Oil/Gas
 Note Out of Scope Charge for Perforations at 670'. Also charge T & M for Time digging out BH and Waiting on COGCC.



AFE/WO: 120221 CODE:
 Approved by:



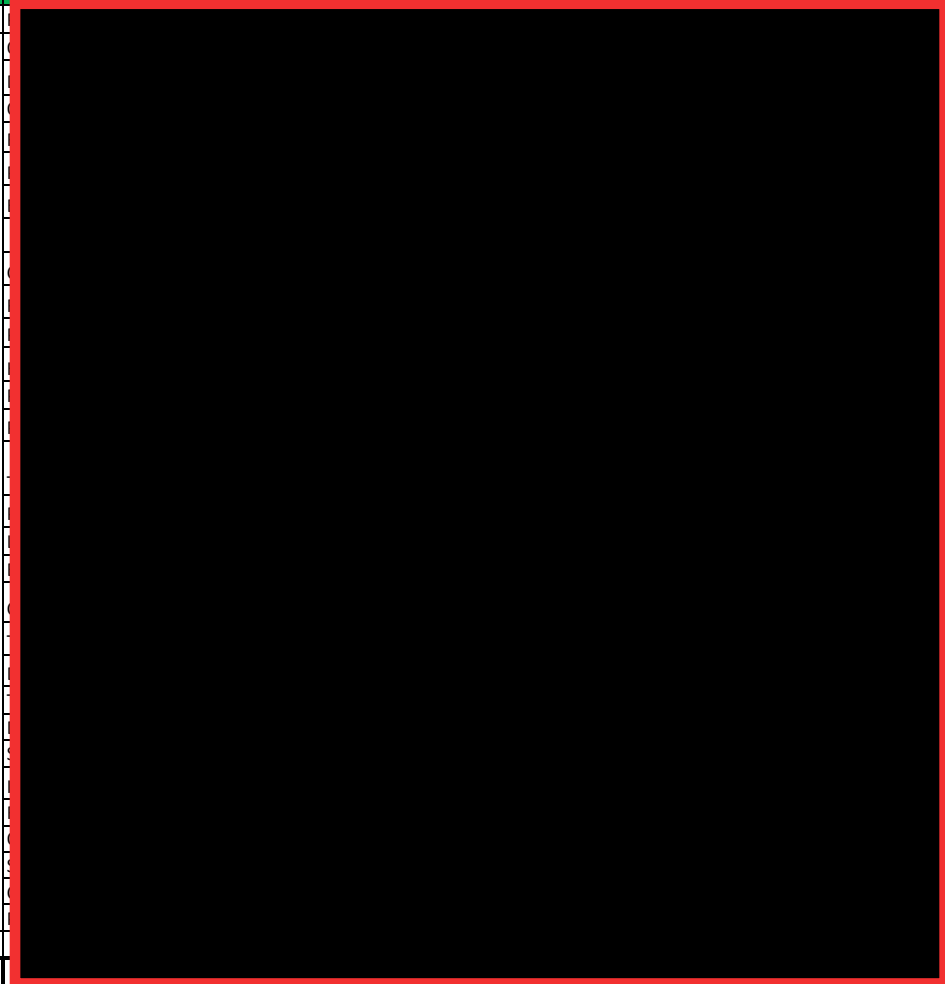
PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/8/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	Hour
Pulled out of hole			Ran in Hole		
Joists	Feet	Description	Material	Description	Joists
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		

Description of Work Performed	Pusher Requested	Amount
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Crew Travel From 06:00 to 07:00 hrs
 PJSM with Rig Crew. Inspect and Service Rig equipment.
 Check Well Status. Csg 0 Psi, BH 0 Psi (Slow whisper). Monitor (Static Re-Spot Beam and Rig. Conduct Pre-Raise inspection. Raise and Scope Mast. Secure Guy Wires. M/U 5 K WH N/U Test BOP, R/U Floor.
 PJSM with WL. Spot in R/U M/U 1 ft Perf Gun W/6 SPF. RIH Shoot
Holes at 2,500'. POH M/U 3.5" CICR RIH set at 2,470'. POH R/D WL.
 Spot in Tbg Trailer, Strap Tbg. M/U Stinger, P/U TIH sting into CICR at **2,470. (Note Displacement while tripping in was coming up**
 around 8 5/8" WH and out BH 2" valve.
 Break circ at 1 BPM with 400 Psi. Had returns around Well head at 4.5 bbls pumped, Oil/Gas. At 9 bbls pumped encountered large amounts of Gas and oil. Truck unable to keep up shut pump down Well continued discharging High Gas with oil for 15 min. Attempts to control flow of fluid. All Vehicles and Rig had to be shut down due to Gas vapors. Calls made to TOP and informed of issue of Breech, Cavern and discharge of Oil and Fluids on Location and Gas venting from failed casing. Called for Hydr- Vac. To clean spill Arrived 15:00 hrs. Rig crew drained and winterized all equipment
Crew Travel from 15:30 to 16:30 hrs
 Finished clean up at 17:00 hrs.

 Please Note 8.5 hrs charged as T & M plus extra WL work.



AFE/WO: 120221 CODE:
 Approved by:



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/9/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	
Pulled out of hole		Ran in Hole			
Joins	Feet	Description		Description	Joins
		Polish Rod			
		Poney Rod		5/8 3/4 7/8 1"	
		Rods			
		Rods			
		Rods			
		Rod Pump			
Description of Work Performed		Pusher Requested			Amount
Crew Travel From 06:00 to 07:00 hrs		PUSHER:			
PJSJ with Rig Crew. Inspect and Service Rig equipment.		OPERATOR :			
Check Well Status. Tbg 220 psi, Csg 20 psi, BH 0 psi. Note light oil migrated in cellar area with Gas Vapors present.		DERRICKHAND			
Berm around cellar. Spot in Hydro-Vac and Vac truck.		OPERATOR :			
Break circ at 1 BPM. Returns around 8 5/8" csg at 18 bbls pumped.		FloorHand:			
Excessive Gas and Oil. All contained by berm Hydo-Vac and Vac truck.		PUSHER :			
Circulated total of 120 bbls of fluid with intermittent loss of circ		EXTRA MAN:			
Returns were still Gas and Oil when 100% loss occurred. Circ psi was		RIG OPERATOR & 3 ME			
350 to 450 psi. Pressure spiked to 900 when loss occurred at 112		CREW TRAVEL			
bbls. Pump additional 8 bbls. Shut down check 4.5" csg had 179 psi.		RIG PUSHER			
Bleed off to tank, High oil and Gas. Attempt to circ through holes at		PUMP			
670' failed. Shut down. PJSJ R/U Cmt line, Fill and test to 1500 psi.		Hydro Vac recover Discharg			
Pump 5 bbls a head at 1.7 BPM with 700 psi. No returns.		Pipe Wrangler MOB back			
Mix and Pump 14.3 bbls of 15.8 ppg G Neat cmt with 2% CACL2.		PIPE WRANGLER HCW#3			
Displace with 7.5 bbls FW, Calculated 9.5. Left 2 bbls on top of CICR		TANKS FT1, FT3			
TOC in 4.5" Csg 2,338'. 12.3 bbls in Annulus, TOC in Annulus Calculated		POWER SWIVEL (mobilizati			
2,183'. Pull out of CICR. POH to 2,136'. Reverse circ 1.5 complete Vol.		7 1/16" BOP			
Recovered no cmt. Circulated out High Gas/Oil and Thick dehydrated		Extra Wire Line Work Perf s			
mud. POH Fill Csg. Secure all valves, Winterize all		CSG TONGS			
equipment. Monitor Well for Migration around 8 5/8" and inside		Trailer			
4 1/2" Csg. No Fluid Migration around 8 5/8". BH valve light Vapors		DIESEL FUEL (for OOB items			
4.5 " csg had gas bubbling with slow migration. Pulled fluid down		TONG FOSTER HILLMAN-KE			
below Csg head SWI with Blind Rams. Continued to Monitor 8 5/8" and		DIES PECK BJ OIL COUN			
BH valve for additional hour. Intermittent bubbles. Release Vac truck.		SLIP 1 1/16 2 1/16			
secure BH valve. SDFD.		INSERTS 2 7/8 2 3/8			
Crew travel from 15:00 to 16:00 hrs.		FISHING TOOLS			
		OIL SAVER RUBBERS			
		SWAB 1 1/2 2 3/8			
		CUPS 2 1/16 2 7/8 3 1/2			
		PIPE WIPER RUBBERS 8" (1			
AFE/WO: 120221	CODE:	Washingt			
Approved by:					



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/10/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	Hour
Pulled out of hole		Ran in Hole			
Joins	Feet	Description	Material	Description	Joins
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		
Description of Work Performed			Pusher Requested	Amount	
Crew Travel From 06:00 to 07:00 hrs			PUSHER:	Derek Dunsen	TRAVEL HOURS
PJSB with Rig Crew. Inspect and Service Rig equipment.			OPERATOR :		2.00
Check Well Status. Csg 284 Psi, BH 1 Psi. No vapors visual around 8 5/8" casing. Bleed off 4.5" Csg psi to Separator. Recovered Oil, Gas and Mud. Csg has High bubbling migration. Monitor Wait on orders Forward plan will be discussed after RBL.			DERRICKHAND		
PJSB R/U WL M/U RBL tool. RIH stacked at 623'. 4 Attempts to push through failed. POH R/D. M/U NC TIH saw nothing at 623'. TIH Stacked out at 1,986'. Attempts to Push and Rotate through Failed.			OPERATOR :		
R/U Reverse Circ 1.5 Volumes. Recovered Thick dehydrate fluid and Gas. Clean Fluid at surface. POH filling Annulus, R/U WL RIH with RBL tool stacked out at 1,974'. No Cement behind pipe. Logs revealed Possible bridge at 605' to 625'. Inside of 8 5/8" Looks clear from 600' up looked clear. R/D WL. Wait on Power swivel and Bit to clean out to 2,400'. Monitor Well while waiting 4 1/2" Csg continues with slow Migration and 8 5/8" csg has Gas bubbling around pipe.			FloorHand:		
Swivel Arrived. R/U Hang in Mast. M/U Bit/Bit sub. TIH to 1,970'. L/D 14 Jts for Clean out. SWI with Pipe Rams and TIW. Secure all valves. Winterize Pump and Lines. SDFD			PUSHER :		
Crew Travel from 16:30 to 17:30 hrs			EXTRA MAN:		
			RIG OPERATOR & 3		
			CREW TRAVEL		
			RIG PUSHER		
			PUMP		
			G Neat cement above B		
			Pipe Wrangler MOB bac		
			PIPE WRANGLER HCW		
			TANKS FT1, FT3		
			POWER SWIVEL (mobiliz		
			7 1/16" BOP		
			Extra Wire Line Work R		
			CSG TONGS		
			Trailer		
			DIESEL FUEL (for OOB it		
			TONG FOSTER HILLMA		
			DIES PECK BJ OIL CO		
			SLIP 1 1/16 2		
			INSERTS 2 7/8 23		
			FISHING TOOLS		
			OIL SAVER RUBBERS		
			SWAB 1 1/2 2 3/8		
			CUPS 2 1/16 2 7/8 3		
			PIPE WIPER RUBBERS 8'		
AFE/WO: 120221	CODE:		Washi		
Approved by:					



PO BOX 745 WINDSOR, CO 80550

To: TOPS Rig no.6 Date: 12/11/2021

Address: Lease: Tanaka Bros Well: 1

Date work started 12/02/2021 Hour 12:00 Date Work Ended Hour

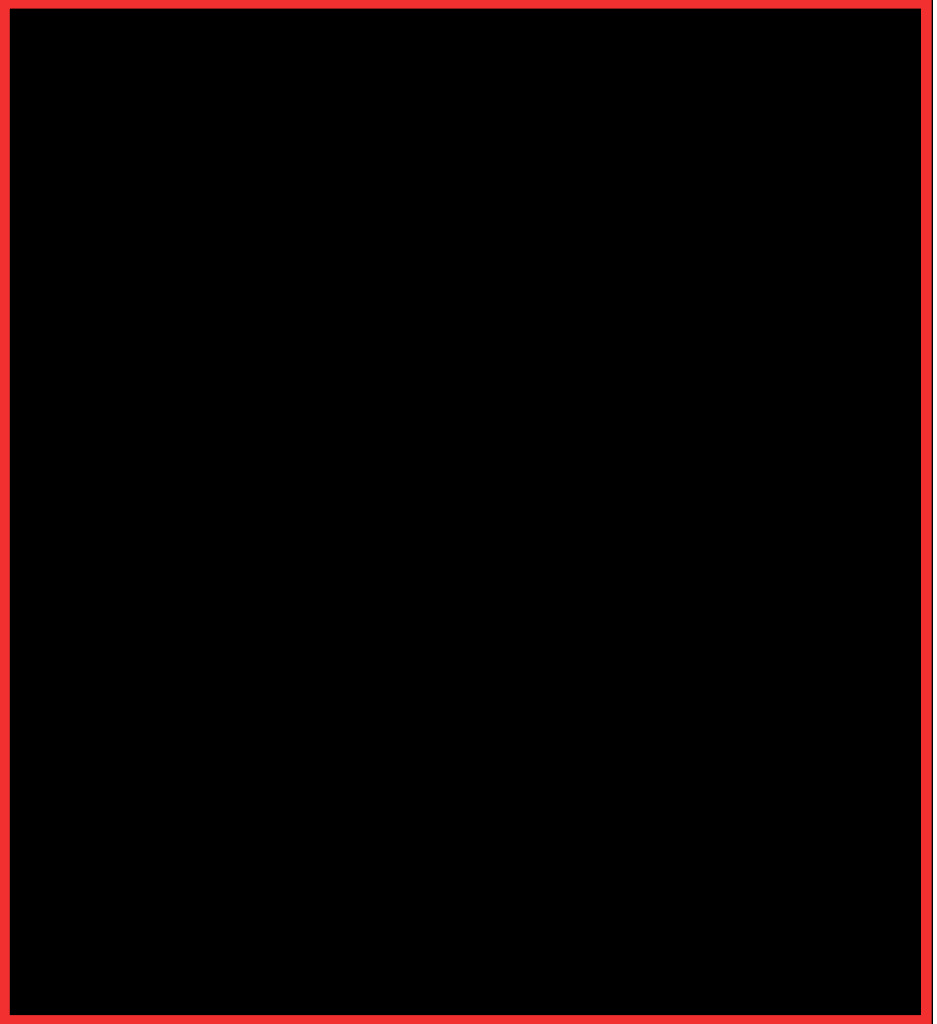
Pulled out of hole Ran in Hole

Joints	Feet	Description	Material	Description	Joints
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		

Description of Work Performed Pusher Requested Amount

Crew Travel From 06:00 to 07:00 hrs
 PJSM with Rig Crew. Inspect and Service Rig equipment.
 Check Well Status. Csg 57 Psi, Tbg 54 Psi, BH 0 Psi. Light Whisper no
 Bubbling observed around 8 5/8" Csg. Bleed all Pressure's off to
 Seperator. TIH 7 stands, R/U Swivel, M/U Connection. Break circ at
 1.5 BPM. Tag up Drill out hard cement from 1,976' to 2,295'. Circ 2 Tbg
 volumes. R/D Rack back swivel. Stand back to 2,040'.
SWI with Pipe Rams and TIW. Secure all valves. Winterize pump
 Lines. SDFD
Crew Travel from 16:30 to 17:30 hrs.

 Note gas pocket at surface from squeeze holes at 670'. Volume
 Calculation and Pump rate match influx after each connection.



AFE/WO: 120221

CODE:

Approved by:



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/12/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	Hour
Pulled out of hole			Ran in Hole		
Joints	Feet	Description	Material	Description	Joints
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		
Description of Work Performed			Pusher Requested		Amount
Crew Travel From 06:00 to 07:00 hrs			PUSHED:		TRAVEL HOURS
<p>PJSM with Rig Crew. Inspect and Service Rig equipment.</p> <p>Check Well Status. Csg 30 Psi, Tbg 6 Psi, BH 0 Psi. Light Whisper no Migration around 8 5/8" csg. (Note Tbg was full of fluid after standing back 4 stds and SI with no fluid.</p> <p>TIH to 2,295'. R/U Swivel, Make connection. Break Circ continue Drig</p> <p>Cement from 2,295' to 2,410'. Circulate 3 Tbg Volumes. R/D Rack</p> <p>back Swivel POH to 1,121'. SWI with Pipe Rams and TIW. Secure all valves. R/D Swivel from Mast. Drain and Winterize Pump/Lines.</p> <p>SDFD.</p> <p>Note Initial Bttms up volume from 670' to surface produced Gas, light Oil and Thick Mud.</p> <p>Note while R/D Swivel Fluid discharging around 8 5/8" Csg. Stopped as Pulling Tubular's operation began.</p>			<p>OR</p> <p>DE</p> <p>OF</p> <p>Flc</p> <p>PL</p> <p>EX</p> <p>CR</p> <p>RI</p> <p>PL</p> <p>G</p> <p>Pi</p> <p>PI</p> <p>TA</p> <p>PC</p> <p>7</p> <p>Ex</p> <p>CS</p> <p>Tr</p> <p>DI</p> <p>TC</p> <p>DI</p> <p>SL</p> <p>IN</p> <p>FI</p> <p>OI</p> <p>SV</p> <p>CU</p> <p>PI</p>		2.00
AFE/WO: 120221		CODE:			
Approved by:					



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/13/2021			
Address:		Lease: Tanaka Bros		Well: 1			
Date work started	12/02/2021	Hour	12:00		Date Work Ended		Hour
Pulled out of hole		Ran in Hole					
Joins	Feet	Description	Material	Description	Joins		
			Polish Rod				
			Poney Rod	5/8 3/4 7/8 1"			
			Rods				
			Rods				
			Rods				
			Rod Pump				
Description of Work Performed			Pusher Requested			Amount	
Crew Travel From 06:00 to 07:00 hrs			PUSHER: Derek Dupee'			TRAVEL HOURS 2.00	
<p>PJSM with Rig Crew. Inspect and Service Rig equipment.</p> <p>Check Well Status. Csg 10 Psi, Tbg 0 Psi, BH 7 Psi. Static around 8 5/8" Csg. Circulate 1 complete Volume. Recovered Gas and Thick mud at Calculation from 670' to surface. POH recover bit. PJSM, R/U WL RIH with RBL tool to 2,410'. Log to surface. RBL shows no cement from Previous squeeze. POH Wait on orders. Orders Shoot holes at 2,400' set CICR squeeze 50 sx cement. M/U 1' Perf Gun 6 SPF RIH Shoot holes at 2,400'. Instant Psi at Surface. Flow back 3 bbls. Flow decreased, Open BOP. Recover gun. M/U 3.65" CICR RIH set at 2,358'. POH R/D WL. M/U Stinger. RIH sting into CICR. Establish IR at 1.5 BPM. Inject 20 bbls at 900 psi with no returns up 4.5" Csg or BH. PJSM R/U Cmt line. Fill and test to 1500 psi. Pump 5 bbl FW a head at 1.1 BPM with 1080 psi. Mix and Pump 10.2 bbls of 15.8 ppg G neat Cmt. Displace with 9.2 bbls FW, Final lift 1100 psi. Pull out of CICR psi fell to 0. (Note .66 of a bbl under CICR. Leaving 9.54 bbls 46.5 sx in Annulus. Calculated TOC in Annulus 2,164') Reverse Circ on top of CICR 1 complete volume. No Cement recovered. Note no circulation during entire operation. CIP 12:00 hrs POH 963' Shut in Pipe Rams and Tbg with TIW, Leave BH open and Monitor for Psi release or Migration.</p> <p>Monitored 3 hrs. BH Static. Secure all valves. Winterize Pump and Lines. SDFD</p> <p>Crew Travel from 15:00 to 16:00 hrs.</p>			<p>OPERATOR :</p> <p>DERRICKHAN</p> <p>OPERATOR :</p> <p>FloorHand:</p> <p>PUSHER :</p> <p>EXTRA MAN:</p> <p>RIG OPE</p> <p>CREW TRAVE</p> <p>RIG PUSHER</p> <p>PUMP</p> <p>G Neat ceme</p> <p>Pipe Wrangle</p> <p>PIPE WRANG</p> <p>TANKS FT1,</p> <p>POWER SWIV</p> <p>7 1/16" BOP</p> <p>Extra Wire Lin</p> <p>CSG TONGS</p> <p>Trailer</p> <p>DIESEL FUEL (</p> <p>TONG → FO</p> <p>DIES PE</p> <p>SLIP → 1</p> <p>INSERTS → 2</p> <p>FISHING TOO</p> <p>OIL SAVER RU</p> <p>SWAB → 1 1/2</p> <p>CUPS → 2 1/2</p> <p>PIPE WIPER R</p>				
AFE/WO: 120221		CODE:					
Approved by:							



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/14/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	
Pulled out of hole		Ran in Hole			
Joins	Feet	Description	Material	Description	Joins
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		
Description of Work Performed			Pusher Requested		Amount
Crew Travel From 06:00 to 07:00 hrs			PUSHER: Derek Dupes'		TRAVEL HOURS 2.00
<p>PJSM with Rig Crew. Inspect and Service Rig equipment. Check Well Status. Csg 8 Psi, Tbg 4 Psi, BH 1 Psi. Light migration 8 5/8" Circ complete Volume. Recovered Gas and Thick Mud. POH. PJSM. R/U WL M/U RBL tool. RIH Tag up at 2,344' Log to surface. No Cement from previous plug pumped. Log remain same except for Squeeze holes at 670' and Blockage at 590' to 620'. Conference Call with COGCC. Approved attempt circ at 670, Shoot holes at 2,300' and 1,900' to 2,000' set retainer attempt to circ and cement. Close Blind Rams. Pump at 1.5 BPM with 500 to 1100 psi. Psi broke at 1100. to 450 had returns around WH 8 bbls pumped Oil and Gas. At 24 bbls Pumped Thick dehydrated mud Oil/Gas. Returns not 100% of rate. Pumped total of 66 bbls. Lost returns at 60 bbls pumped psi was 200 to 100 psi. Fell to 0 psi. Pumped additional 6 bbls no returns or psi. Shut down Pump. Monitor around WH. Oil/Gas and Mud Migration. Pull Fluid with Vac truck. (Note surge returns through BH valve to work Tank during circulation. Monitor Well Migration up 4 1/2" Csg and Around 8 5/8" csg, Gas Oil, Mud. 4.5 Thick Mud and Oil. TIH to 1,283' Attempt to reverse Thick mud and oil out. Returns coming around 8 5/8". Switch to Conventional Circ. 2 BPM. 1.5 BPM at Tank .50 around 8 5/8" circ complete volume. Thick mud Gas and Oil. POH Well static until closing in Blind Rams and BH. Pull Migration with Vac Truck. Monitor flow rate. Check BH psi built to 20 psi. Pulled fluid bled off BH fluid around 8 5/8" suck DN stiopped migrating for 5 min Migration started at reduced flow. 1/4 bbls per hour. Truck pulled Fluid level every hour over night.</p>			OPERATOR : DERRICKHAND OPERATOR : FloorHand: PUSHER : EXTRA MAN: RIG OPERATOR CREW TRAVEL RIG PUSHER PUMP G Neat cement abc Pipe Wrangler MO PIPE WRANGLER TANKS FT1, FT3 POWER SWIVEL (m 7 1/16" BOP Extra Wire Line Wc CSG TONGS Trailer DIESEL FUEL (for O TONG → FOSTER H DIES PECK BJ SLIP → 1 1/16 INSERTS 2 7/8 FISHING TOOLS OIL SAVER RUBBER SWAB → 1 1/2 CUPS → 2 1/16 2 PIPE WIPER RUBBE		
AFE/WO: 120221			CODE:		
Approved by:					



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/15/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	Hour
Pulled out of hole		Ran in Hole			
Joists	Feet	Description	Material	Description	Joists
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		
Description of Work Performed			Pusher Requested		Amount
Crew Travel From 06:00 to 07:00 hrs			PUSHER:	Derek Dupee'	TRAVEL HOURS 2.00
PJSM with Rig Crew. Inspect and Service Rig equipment.			OPERATOR		
Check Well Status. Csg 15 Psi, BH 18 Psi. Slow steady Fluid Migration around 8 5/8" Csg, Pull Contaminated Mud from work tank. Take on 120 bbls FW. Spot in WL PJSM. Shut down wait for High winds, Hail and rain to pass. R/U WL, M/U Select Fire Perf Gun. (6 SPF). RIH Shoot			DERRICKHA		
Holes at 2,280' (Instant Psi at surface) Pull up shoot holes at 2,010'			OPERATOR		
Increase Psi. POH Bump up bleed off pressure. Pull lubricator. Confirm			FloorHand:		
All shots fired. Well Flowed for 10 min. Note Migration stopped at 8 5/8" Csg after Perforation made. Pull fluid from around 8 5/8" csg.			PUSHER :		
Drain winterize pump and line. Shut down due to severe weather			EXTRA MAN		
Conditions. Double check Guy wires, Tie in Tbg in Mast. Vac driver monitoring 8 5/8" for migration. Migration began 45 min after holes Shoot. Seepage 1/2 to 1 Gallon/hr. At 14:00 hrs pulled down monitored 2.5 hrs. No Migration was observed. Release Vac Truck.			RIG O		
Note Migration around 8 5/8" csg reduced over night. Initial 1/4 to 1/2 bbls every 5 to 8 min to 1/4 to 1/2 per hr once BH valve Left Open.			CREW TRAV		
			RIG PUSHER		
			PUMP		
			G Neat cem		
			Pipe Wrang		
			PIPE WRAN		
			TANKS FT1		
			POWER SW		
			7 1/16" BOF		
			Extra Wire l		
			CSG TONGS		
			Trailer		
			DIESEL FUEL		
			TONG		
			DIES		
			SLIP		
			INSERTS		
			FISHING TO		
			OIL SAVER F		
			SWAB	1	
			CUPS	2	
			PIPE WIPER		
AFE/WO: 120221	CODE:				
Approved by:					



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/16/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	
Pulled out of hole		Ran in Hole			
Joists	Feet	Description	Material	Description	Joists
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		

Description of Work Performed	Pusher Requested	Amount
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Crew Travel From 06:00 to 07:00 hrs
 PJSM with Rig Crew. Inspect and Service Rig equipment.
 Check Well Status. Csg 10 Psi, BH 8 Psi. No Migration observed around 8 5/8" Csg. PJSM R/U WL, M/U 3.65" CICR, RIH set at 2,260'. 20' Above Perfs. POH R/D WL. M/U Stinger. TIH 30 stds, P/U singles Sting into CICR at 2,260'. Break circ instant 1800 psi. Bleed off pump
Through lines verify no Ice plug. Lines clear. Pull out of CIRC, 5'
 Above, Engage pump work down sting into CICR psi spike to 800 and **Broke over to 400. Had circ around 8 5/8" csg and 4 1/2" Csg. Pump** 50 bbls (Note lost circ in 4 1/2" csg 14 bbls into Circ) Full returns around 8 5/8". Shut down transfer fluid. Continue circ at 2.5 BPM. Full returns around failed 8 5/8" Csg. Total bbls pump 120 bbls. Recover High Gas/Oil and Thick dehydrated mud. Shut down transfer fluid to Work tank. PJSM R/U Cement line. Fill and Test to 1500 psi. Pump 5 bbls FW ahead with full returns around 8 5/8" no returns at 4 1/2" Mix and Pump 11.6 bbls of 14 ppg Thixo Cement blend. Displace with 8.75 bbls FW. Final lift 0 psi. (slurry is 65.12 Cuft with a 1.64 yield equals 40 sx. Calculated TOC in Annulus 2,010', Pull out of CIRC. Break Circ at 2 BPM. Returns split between 4 1/2" and 8 5/8". Pump 45 bbls from tank. Switch suction line and Pump 35 bbls FW off Truck. Total **bbls pumped is 80. No cement recovered up 4 1/2" or 8 5/8". Shut** DN. POH Rack back 32 stands (2,039') L/D remaining recover Stinger. **Monitor Failed 8 5/8" Csg for 3 hrs after C.I.P. at 13:00 hrs. No** Migration or Gas venting was observed.
Crew Drained and Winterized Pump and Lines while Monitoring for Migration. (Static) SWI with Blind Rams, Secure all valves. SDFD
Crew Travel from 16:00 to 17:00 hrs.

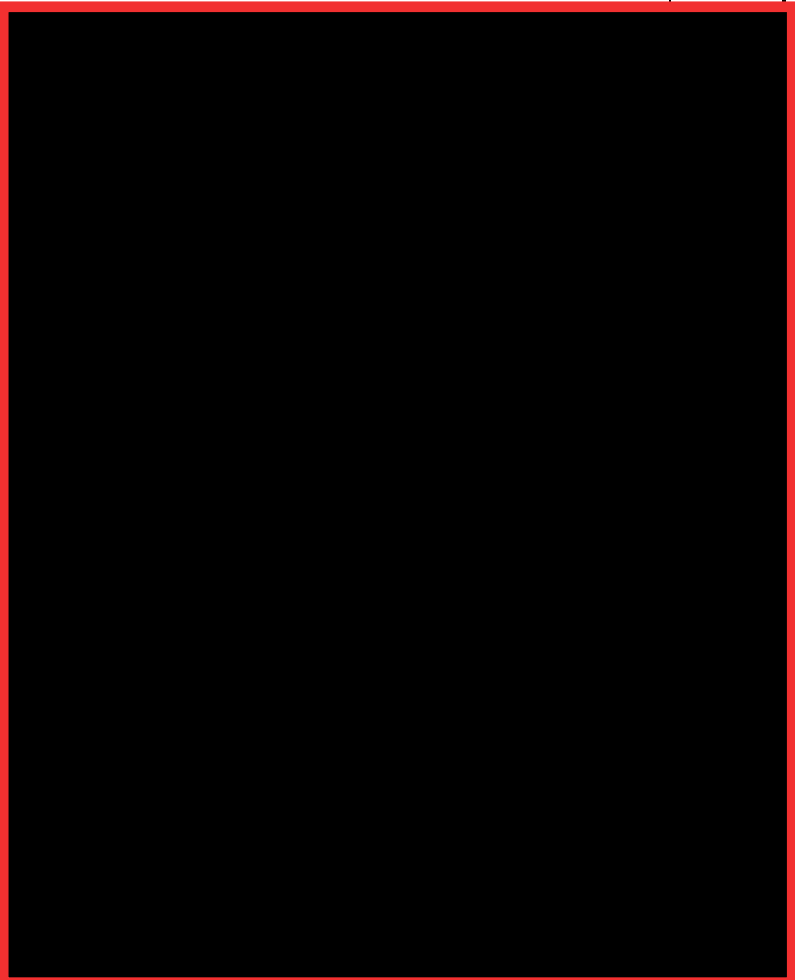
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OIL SAVE
SWAB
CUPS
PIPE WIP

AFE/WO: 120221 CODE:
 Approved by:



PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/17/2021	
Address:		Lease: Tanaka Bros		Well: 1	
Date work started	12/02/2021	Hour	12:00	Date Work Ended	
Pulled out of hole		Ran in Hole			
Joins	Feet	Description	Material	Description	Joins
			Polish Rod		
			Poney Rod	5/8 3/4 7/8 1"	
			Rods		
			Rods		
			Rods		
			Rod Pump		
Description of Work Performed			Pusher Requested		Amount
Crew Travel From 06:00 to 07:00 hrs			PUSHER:		
PJSM with Rig Crew. Inspect and Service Rig equipment.			OPERATOR :		
Check Well Status. Csg 1 Psi with light steady blow, BH 0 Psi. No Migration around failed 8 5/8" Csg. Open Well Connect lines. Fill Annulus with FW. PJSM R/U WL, M/U RBL Tool. RIH to 2,250'. Log reveals cmt from 2,250 to 2,195'. POH Call in results. Decision to shoot			DERRICKHAND		
additional holes set CICR, Circ and Pump cement. M/U 1 ft perf gun			OPERATOR :		
RIH shoot holes at 2,012'. POH M/U 3.65" CICR RIH set at 1,974'. POH			FloorHand:		
R/D WL. M/U Stinger RIH sting into CICR, Took 3 attempts to Wash			PUSHER :		
into CICR. Break circ at 1.5 BPM with 300 psi. Returns at 4.5 csg and			EXTRA MAN:		
8 5/8" csg. Lost circ in 4.5 after 20 bbls pumped. Full returns up Failed			RIG OPERATC		
8 5/8" csg. Pumped 72 bbls returns thick mud and high gas Light oil.			CREW TRAVEL		
Shut down transfer fluid. Continue pumping total of 140 bbls pumped			RIG PUSHER		
Returns Mud and light gas. Shut down transfer fluid. No migration or			PUMP		
Gas. PJSM. R/U Cmt line. Pump 5 bbls FW a head with full returns up			G Neat cement ab		
Failed 8 5/8" csg. Mix and Pump 23.3 bbls of 14 ppg Thixo cement			Pipe Wrangler MC		
Slurry. Displace with 7.6 bbls FW. Un sting with 0 psi. (Slurry is 130.8 Cuft			PIPE WRANGLER		
with a yield of 1.64 equals 80 sx Pumped through CICR. .57 of a			TANKS FT1, FT3		
bbls under CICR and 22.7 bbls in annulus. Calculated TOC in annulus is			POWER SWIVEL (r		
1,625'. TOH Fill annulus. Drain and winterize pump and lines while			7 1/16" BOP		
Monitoring of Migration. No Migration observed. SWI with Blind			Extra Wire Line W		
Rams. Secure all valves. SDFD.			CSG TONGS		
Crew Travel 15:30 to 16:30			Trailer		
			DIESEL FUEL (for C		
			TONG → FOSTER		
			DIES → PECK BJ		
			SLIP → 1 1/16		
			INSERTS → 2 7/8		
			FISHING TOOLS		
			OIL SAVER RUBBE		
			SWAB → 1 1/2		
			CUPS → 2 1/16 2		
			PIPE WIPER RUBB		
AFE/WO: 120221		CODE:			
Approved by:					





PO BOX 745 WINDSOR, CO 80550

To: TOPS		Rig no.6		Date: 12/20/2021			
Address:		Lease: Tanaka Bros		Well: 1			
Date work started	12/02/2021	Hour	12:00	Date Work Ended	12/20/2021	Hour	15:00
Pulled out of hole			Ran in Hole				
Joins	Feet	Description		Material	Description		Joins
				Polish Rod			
				Poney Rod	5/8 3/4 7/8 1"		
				Rods			
				Rods			
				Rods			
				Rod Pump			
Description of Work Performed				Pusher Requested			Amount
Crew Travel From 06:00 to 07:00 hrs				PUSHER:			0
PJSM with Rig Crew. Inspect and Service Rig equipment.				OPERATOR :			0
Check Well Status. Csg 0 psi. on Vac, BH 0 Psi. No Migration around				DERRICKHAN			0
Failed 8 5/8" Csg. Open Well, Monitor csg no Migration Well static.				OPERATOR :			0
PJSM. R/U WL M/U RBL tool RIH to 1,890'. Slough and Thick Mud. RBL				FloorHand:			0
Showed solid Bond from 1,890' to TOC 1,868'. Cement was squeezed				PUSHER :			0
at 2,012/10' (Perforations). POH. Emailed results to TOP and COGCC.				EXTRA MAN:			0
Wait on Orders. Approval from COGCC to move up hole circ and Cmt				RIG OPE			0
from 670' to surface. M/U NC. TIH to 1,913'. L/D all Tbg.				CREW TRAVE			0
Close Blind Rams. Break circ at 1.5 BPM through perforations at 670'				RIG PUSHER			0
Had returns at 3.5 bbls pumped. Stage Rate to 2.1 BPM with full				PUMP			0
returns around Failed 8 5/8" Csg. Circulated total of 3 btms up				G Neat ceme			0
Calculated at 13.6" hole. Final returns clean fluid.				Pipe Wrangle			0
PJSM with cement crew. R/U Fill test line to 1500 psi. Pump 5 bbls FW				PIPE WRANG			0
a head with full returns. Mix and Pump total of 50.1 bbls of 15.8 ppg				TANKS FT1,			0
G Neat cement. Had cement to surface at 47 bbls Pumped. Pumped				POWER SWIV			0
additional 3 bbls to confirm 100% good cement to surface. Slurry is				7 1/16" BOP			0
281.2 Cu8ft with a yield of 1.15 equals 245 sx. Note full returns durning				Extra Wire Lin			0
pumping cement Shut down R/D Floor				CSG TONGS			0
N/D BOP. Top fill 4 1/2" csg with 4 bbls 15.8 ppg cmt. All Annular				Trailer			0
Spaces filled with 15.8 ppg G neat cement. Note filled Cellar area				DIESEL FUEL (0
with cement to mitigate Fall back. Total sx pump with Top off 265 sx.				TONG			0
Secure 4 1/2" csg with Master valve, Csg collar and Bullplug with				DIES			0
Relief valve. R/D Mud lines and Pump. Lower and Lay over Mast				SLIP			0
Secure all cables prep for Trucks.				INSERTS			0
CIP at 12:20 on 12/20/21. Rig Released at 15:00 hrs on 12/20/21				FISHING TOO			0
				OIL SAVER RU			0
				SWAB			0
				CUPS			0
				PIPE WIPER R			0
AFE/WO: 120221		CODE:					
Approved by:							