

**US ROCKIES REGION**  
**Operation Summary Report**

Well: **HSR-NYGREN 3-19**

Spud date: 7/8/2001

Project: COLORADO-WELD-NAD83-UTM13

Site: HSR-NYGREN 3-19

Rig name no.: BASIC 1551/1551

Event: ABANDONMENT

Start date: 1/8/2019

End date: 1/28/2019

Active datum: RKB @4,871.99usft (above Mean Sea Level)

UWI: 0/4/N/67/W/19/0/NWNE/6/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/21/2018	12:00 - 13:00	1.00	ABANDP	53	B	P		<b>FORM 17 TEST</b>
12/31/2018	9:00 - 11:00	2.00	LOCPRP	53	B	P		ANCHORS PLUS INSTALL A STRING FENCE FOR RIG OPERATIONS.
	11:00 - 11:00	0.00	LOCPRP	53	B	P		MILLER HFI USED SKID STEER TO SMOOTH UP RUTS FROM WASHOUT.
1/7/2019	-							
1/8/2019	10:30 - 10:45	0.25	ABANDP	48	B	P		JSA W/ TEAM. RIG/WTR/WINCH
	10:45 - 12:45	2.00	ABANDP	30	A	P		MIRU BASIC 1551 & EQUIPMENT
	12:45 - 13:00	0.25	ABANDP	48	B	P		JSA W/ TEAM. RIG/BOP TEST
	13:00 - 15:00	2.00	ABANDP	30	E	P		SICP 1150PSI SITP 630PSI SCP 18PSI. PRESSURE TEST HARDLINES 1500PSI W/ WATER, TEST GOOD. BLEED OFF PRESSURE TO TANK. STUP TEST BOP BLIND 250/5, 5000/15, 2 3/8" PIPES 250/5, 5000/15 WHILE CIRCULATING WELL. BLOW DOWN CSG TO 350PSI, TBG TO 30PSI, REVERSE CIRC WELL 2.5BPM/500PSI, BREAK CIRC AFTER 35BBLs, RECOVER ~45BBLs OIL, CIRCULATE ~200BBLs FRESH W/BIO THRU WELL. STOP PUMPING, TBG 0PSI, CSG 0PSI.
	15:00 - 15:30	0.50	ABANDP	30	F	P		VERIFY 0PSI. NDWH, NUBOP. TEST BOP WELLHEAD CONNECTION UNDER 2 3/8" PIPE RAMS 5000/15, TEST GOOD, BLEED OFF PRESSURE. RDMO KLX BOP TESTING.
	15:30 - 17:45	2.25	ABANDP	31	I	P		UNLAND 2 3/8" TBG STRING 38K, STRING WEIGHT 33.5K. TOH 109STDS 2 3/8" J55 TBG, LAY DOWN 11JTS. SECURE WELL.
	17:45 - 18:00	0.25	ABANDP	30	I	P		DRAIN PUMP AND LINES. SDFN LIGHT PLANT WAS IN USE
	18:00 - 18:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
1/9/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA W/ TEAM. RIG/WL. WARM UP EQUIPMENT.
	7:00 - 8:15	1.25	ABANDP	34	O	P		<b>MIRU CUTTERS WIRELINE.</b> PU & RIH W/ 3.656" OD GR/JB & 3 1/8" OD CCL TO 6890' CCL, 6898' END OF GR/JB. POH, LAY DOWN GR/JB.
	8:15 - 9:15	1.00	ABANDP	34	I	P		<b>PU &amp; RIH W/ 3.56" OD 4.5" 11.6# CIBP,</b> SET TOOL, & CCL TO 6900' CCL, PU AND GET ON DEPTH W/ COLLARS AT 6834', 6875', RIH, PU TO 6853' CCL, 8' OFFSET. <b>SET 4.5" CIBP AT 6860'.</b> PU/RIH/TAG CIBP. POH, RDMO CUTTERS WIRELINE.
	9:15 - 10:45	1.50	ABANDP	31	I	P		RIH W/ 2 3/8" SN/NC 1.15', 109STDS 2 3/8" J55 TBG 6839.97', ADJ KB 2.00'. EOT SN/NC 6843' SLOW IN HOLE DUE TO ICE IN TBG THREAD IN
	10:45 - 11:45	1.00	ABANDP	31	H	P		REVERSE CIRC OIL/GAS OUT
	11:45 - 12:00	0.25	ABANDP	52	G	P		PRESSURE TEST 4.5" CSG/CIBP 1000PSI/15MIN, TEST GOOD. BLEED OFF PRESSURE. JSA W/ TEAM. RIG/WTR/CMT/COGCC

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	12:00 - 12:30	0.50	ABANDP	51	D	P		MIRU SCHLUMBERGER CEMENTING. PUMP 5BBLs FRESH WATER TO ESTABLISH CIRCULATION. PRESSURE TEST SLB LINES 2000PSI, TEST GOOD, BLEED OFF PRESSURE TO SLB TANK. PUMP 40SX 15.8PPG 1.53YLD 6.35GPS(10.9BBLs CMT) 23.5BBLs FRESH WATER DISPLACEMENT. TOC 6140' RDMO SLB CMT. RDMO SLB CMT TOH 16STDS 2 3/8" J55 TBG. EOT 6140"
	12:30 - 13:00	0.50	ABANDP	31	I	P		TOH 16STDS 2 3/8" J55 TBG. EOT 6140"
	13:00 - 13:15	0.25	ABANDP	31	H	P		REVERSE CIRC TBG CLEAN
	13:15 - 15:00	1.75	ABANDP	31	I	P		TOH 45STDS 2 3/8" J55 TBG, LAY DOWN 96JTS.
	15:00 - 15:15	0.25	ABANDP	48	B	P		JSA W/ TEAM. RIG/WL
	15:15 - 16:45	1.50	ABANDP	34	H	P		MIRU CUTTERS WIRELINE. PU & RIH W/ 3 1/8" TANDEM PERFORATING GUNS & CCL TO 4300', PU TO 4211', 9' OFFSET. PERFORATE 4220'-22' 3SPF .47" 120D, PU TO 3817.5', 2.5' OFFSET. PERFORATE 3820'-24' 3SPF .47" 120D. POH. SECURE WELL RDMO CUTTERS WIRELINE.
	16:45 - 17:00	0.25	ABANDP	30	I	P		DRAIN PUMP AND LINES. SDFN
	17:00 - 17:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
1/10/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA W/ TEAM. RIG/TOOL/HYDRO. WARM UP EQUIP
	7:00 - 10:15	3.25	ABANDP	31	I	P		SICP 4PSI, SCP 11PSI. BDW. MIRU HOLESEEKERS. TALLY/HYDRO 3000PSI/RIH 4.5" 11.6# CICR 3.85', 123JTS 2 3/8" J55 TBG 3862.79', ADJ KB 3.00'. EOT CICR 3869.64', SET CICR, SHEAR OFF, STING OUT, STING IN.
	10:15 - 13:30	3.25	ABANDP	31	H	P		FORWARD CIRC 1.5BPM/200PSI, BREAK CIRC AFTER 3BBLs AWAY. ~290BBLs
	13:30 - 13:45	0.25	ABANDP	48	B	P		JSA W/ TEAM. RIG/WTR/CMT/TOOL
	13:45 - 14:15	0.50	ABANDP	51	A	P		MIRU SCHLUMBERGER CEMENTING. PUMP 5BBLs FRESH WTR, 10BBLs SMS, 5BBLs FRESH WTR, PRESSURE TEST LINES 2000PSI, TEST GOOD, BLEED OFF PRESSURE TO SLB TANK. PUMP 115SX 12PPG 1.79YLD 9.253GPS(36.7BBLs CMT) 12BBLs FRESH WATER DISPLACEMENT. STING OUT OF CICR AND SPOT 3BBLs CMT ON CICR. EST TOC 3676'. RDMO SLB CMT.
	14:15 - 14:30	0.25	ABANDP	31	I	P		TOH 15STDS 2 3/8" J55 TBG, EOT 2909'
	14:30 - 14:45	0.25	ABANDP	31	H	P		REVERSE CIRC TBG CLEAN
	14:45 - 16:45	2.00	ABANDP	31	I	P		TOH LAY DOWN 93JTS 2 3/8" TBG, STINGER. SECURE WELL
	16:45 - 17:00	0.25	ABANDP	30	I	P		DRAIN PUMP AND LINES. SDFN
	17:00 - 17:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
1/11/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA W/ TEAM. RIG/TOOL. WARM UP EQUIPMENT

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	7:00 - 9:45	2.75	ABANDP	31	Z	P		TALLY/RIH W/ 4.5" 11.6# MECHANICAL CASING CUTTER 1.85', 26JTS 2 3/8" J55 TBG 818.29', EOT BLADES 820.14'. RIG UP PWR SWIVEL, HOLD TOP JOINT COLLAR AT KB, BEGIN ROTATION SEE 250# TORQUE, LOSE TORQUE AND GET WEIGHT BACK, TOOLHAND THINKS CSG CUT, SECURE WELL/TBG PUMP INTO 4.5" CSG AND PRESSURE TO 350PSI, HOLD SOLID, BLEED OFF PRESSURE, REPEAT ABOVE OPS AT SAME DEPTH, GET 250-350# TORQUE, LOSE TORQUE, GET WEIGHT BACK, HEAR CUT, CSG JUMP 1/2" UP HOLE IN 8 5/8" WH SLIPS. RIG DOWN PWR SWIVEL, TOH 26JTS 2 3/8" TBG, LAY DOWN MECH CUTTER.
	9:45 - 11:00	1.25	ABANDP	31	H	P		FORWARD CIRC 1.5BPM/50PSI, ESTABLISH CIRC AFTER 3BBLs AWAY, END RETURNS NO GAS/MUD. ~109BBLs (AW & BASIC TRUCKING REFUSE TRUCK/TRIALER INGRESS DUE TO SLICK/SLOPING CONDITIONS)
	11:00 - 11:30	0.50	ABANDP	30	J	P		4.5" CSG/8 5/8" CSG NO FLOW, 0PSI. 4.5" PIPES, FUNCTION TEST GOOD. NDBOP, NDWH, UNLAND 4.5" CSG STRING W/ SPEAR 10k, STRING WEIGHT 9.5K.
	11:30 - 12:30	1.00	ABANDP	30	F	P		STRIP OVER PA SPOOL/BOP. RIG DOWN FLOOR, PREP TO PULL CSG. SECURE WELL
	12:30 - 13:00	0.50	ABANDP	30	I	P		DRAIN PUMP AND LINES. SDFN
	13:00 - 13:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
1/14/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA W/ TEAM. WARM UP EQUIPMENT.
	7:00 - 8:30	1.50	ABANDP	31	I	P		SICP 0PSI SCP VACUUM -2.1. SPOT IN AW CSG CRADLE TRAILER, RIG OUT SAND LINE TO LAY DOWN CSG. TOH LAY DOWN 20JTS 4.5" 11.6# I80 CSG 820'. CHANGE OVER TO RUN TBG
	8:30 - 9:00	0.50	ABANDP	31	I	P		RIH W/ 2 3/8" J55 MULE SHOE 2.10', 29JTS 2 3/8" J55 TBG 910.60', ADJ KB 3.00'. EOT MS IN 4.5" CSG 915.70'
	9:00 - 10:30	1.50	ABANDP	31	H	P		FORWARD CIRC 1.5BPM/100PSI, BROKE CIRC AFTER 5BBLs INTO. ~130BBLs
	10:30 - 10:45	0.25	ABANDP	48	B	P		JSA W/ TEAM. RIG/WTR/CMT
	10:45 - 12:15	1.50	ABANDP	51	D	P		MIRU SCHLUMBERGER CEMENTING. PUMP 15BBLs CHEM WASH, ESTABLISH CIRC AFTER 3BBLs AWAY, PRESSURE TEST LINES 2200PSI, TEST GOOD, BLEED OFF PRESSURE BACK TO SLB TANK. PUMP 109SX 14PPG 1.55YLD 7.914GPS(30BBLs CMT) 1.8BBLs FRESH WATER DISPLACEMENT. EST TOC 463'. HOOK SLB UP TO RIG HARDLINES, SLB CLEAN UP PUMP TO MUD TANK. TOH 5STDs 2 3/8" J55 TBG, LAY DOWN 8JTS EOT 350' WHILE SLB CLEAN UP PUMP. RDMO SLB CMT
	12:15 - 12:45	0.50	ABANDP	31	H	P		EOT 350', REVERSE CIRC CLEAN
	12:45 - 13:00	0.25	ABANDP	31	I	P		TOH LAY DOWN 11JTS 2 3/8" TBG & MULE SHOE. SECURE WELL.
	13:00 - 14:00	1.00	ABANDP	30	I	P		DRAIN PUMP AND LINES. BOTTOM OUT MUD TANK. SDFN
	14:00 - 14:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD

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1/15/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA W/ TEAM. WARM UP EQUIPMENT
	7:00 - 7:45	0.75	ABANDP	31	I	P		SCP VACUUM. RIH W/ 2 3/8" J55 MULE SHOE & 12JTS 2 3/8" J55 TBG, TAG TOC HALFWAY INTO JT 12 AT 362'. TOH LAY DOWN 12JTS & MS. RIG BACK FLOOR, SECURE BOP STACK
	7:45 - 8:00	0.25	ABANDP	48	B	P		JSA W/ TEAM. RIG/WL
	8:00 - 8:30	0.50	ABANDP	52	G	P		PRIME PUMP, PRESSURE TEST 8 5/8" CSG/CMT 500PSI/15MIN, TEST GOOD. BLEED OFF PRESSURE TO TANK, DRAIN PUMP AND LINES.
	8:30 - 8:45	0.25	ABANDP	30	J	P		NDBOP/PA SPOOL
	8:45 - 9:15	0.50	ABANDP	34	I	P		MIRU CUTTERS WIRELINE. PU & RIH W/ 8 5/8" 10K CIBP, SET TOOL, & 3 1/8" CCL TO 100', PULL UP TO 65' TO CHECK COLLARS, RIH TO 90', PU TO 71' CCL, 9' OFFSET, SET 8 5/8" CIBP AT 80'. PU/RIH/TAG CIBP, POH, RDMO CUTTERS WIRELINE.
	9:15 - 10:30	1.25	ABANDP	30	C	P		RDMO TO POE 12-21A.
	10:30 - 10:30	0.00	ABANDP	50		P		P&A'd OFFLINE. NB-CD.
1/28/2019	6:00 - 7:00	1.00	ABANDZ	52		P		PRESSURE TESTED CIBP, SURFACE CASING TO 500 PSI
	7:00 - 8:00	1.00	ABANDZ	53	B	P		DUG UP SURFACE CASING
	8:00 - 9:00	1.00	ABANDZ	53	C	P		CUT CASING 6' BELOW GL, TAGGED @ 70'
	9:00 - 10:00	1.00	ABANDZ	53	B	P		FILLED CASING STUB WITH 42 BAGS 5000 PSI CEMENT
	10:00 - 11:00	1.00	ABANDZ	53	A	P		CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO
	11:00 - 12:00	1.00	ABANDZ	53	B	P		BACKFILLED
	12:00 - 12:00	0.00	ABANDZ	53	F	P		PLACED MARKER BALL