

US ROCKIES REGION
Operation Summary Report

Well: HSR-CROISSANT 11-20

Spud date: 1/12/1998

Project: COLORADO-WELD-NAD83-UTM13

Site: HSR-CROISSANT 11-20

Rig name no.: BASIC 1652/1652

Event: ABANDONMENT

Start date: 2/28/2020

End date: 3/31/2020

Active datum: RKB @4,903.99usft (above Mean Sea Level)

UWI: 0/5/N/67/W/20/0/SWNE/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
2/20/2020	10:00 - 11:00	1.00	ABANDP	53	B	P		FORM 17 TEST AND SAMPLE
2/24/2020	8:00 - 10:00	2.00	LOCPRP	53	B	P		ANCHORS PLUS INSTALL STRING FENCE FOR RIG OPS.
2/28/2020	14:00 - 14:30	0.50	ABANDP	48	B	P		JSA MEETING.
	14:30 - 17:00	2.50	ABANDP	30	A	P		DE PRESURIZED WELL LUBICATOR. MIRU BASIC 1652 & EQUIP. SPOTED IN ALL EQUIPMENT USING D6 DOZER. SPOTED IN TBG FLOAT. RU HARD LINES. PRESSURE TESTED HARDLINES TO 2500PSI NO LEAKS.
	17:00 - 17:30	0.50	ABANDP	30	I	P		DRAINED EQUIP.
	17:30 - 18:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD.
3/2/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL CREW TO LOCATION.
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING. DAILY INSPECTION. START EQUIP.
	7:00 - 7:30	0.50	ABANDP	52	I	P		WELL PSI. 1015PSI P-TBG. 1010PSI P-CSG. 14PSI S-CSG.
	7:30 - 9:30	2.00	ABANDP	31	H	P		CONTROLLED WELL FRESH W/ BIO. 80BBLS P-CSG. 50BBLS P-TBG. WELL LOADED. CIRCULATED 110BBSL TOTAL VOLUME. VENTED GAS 15MIN.
	9:30 - 10:30	1.00	ABANDP	30	D	P		NU & TEST BOP. BOP BLIND RAMS TESTED ON WH STUMP LOCATED ON RIG BASE BEAM. TESTED BLIND RAMS TO 250PSI LOW & 5000PSI HIGH TEST. TESTED BOP PIPE RAMS & WH SEAL 250PSI LOW & 3000PSI HIGH TEST ALL TESTSED GOOD.
	10:30 - 12:30	2.00	ABANDP	31	I	P		TOOH 223JTS 2.375" J55 4.7" TBG. SB 34JTS. LD 189JTS+XN+NC. PUMPED 35BBLS TO LOAD WELL.
	12:30 - 12:45	0.25	ABANDP	34	I	P		JSA MEETING. MIRU NEXTIER WL.
	12:45 - 13:30	0.75	ABANDP	34	O	P		RIH 3.750" GR TO 6800'. WATER LEVEL @ 1800' NO P-CSG ISSUES.
	13:30 - 14:15	0.75	ABANDP	34	I	P		RIH 4.5" CIBP SET @ 6740'.
	14:15 - 15:00	0.75	ABANDP	34	D	P		RIH DB 2SKS CMT ON CIBP @ 6740'
	15:00 - 15:30	0.50	ABANDP	31	H	P		TOP LOADED 4.5" P-CSG. 27BBLS TO LOAD.

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	15:30 - 15:45	0.25	ABANDP	33	C	P		PRESSURE TESTED 4.5" P-CSG. 500PSI/15MINS. NO LEAKS. NO GAS MIGRATION.
	15:45 - 16:15	0.50	ABANDP	34	H	P		RIH 4'-3.125" PERF GUN. 3SPF/120"/.5" SHOT 12 HOLES @ 1500'-1504' .
	16:15 - 17:30	1.25	ABANDP	31	H	P		EST F-CIRC USING FRESH WATER W/BIO. 2BBLS TO LOAD. 390BBLS TOTAL VOLUME. CIRCULATED DOWN 4.5" P-CSG UP ANNULUS. STARTING RATE 2BBLS/IN @ 800PSI. ENDING RATE 4BBLS/MIN @ 350PSI. FULL RETURNS. RAN POLYMER SWEEP 3GAL. 102BBLS TO SEE POLYMER TO SURFACE.
	17:30 - 18:00	0.50	ABANDP	30	K	P		SHUT IN & DRAINED UP EQUIPMENT.
	18:00 - 18:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD.
3/3/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL CREW TO LOCATION.
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING. DAILY INSPECTION. START EQUIP.
	7:00 - 7:30	0.50	ABANDP	52	I	P		WELL PSI. 269PSI S-CSG. 269PSI P-CSG.
	7:30 - 9:30	2.00	ABANDP	31	H	P		EST. FOWARD CIRCULATION. DOWN P-CSG UP ANNULUS UTILIZING PERFS @ 1500'MD. 360BBLS TO VOLUME. 24BBLS TO LOAD WELL. 3BBLS/MIN @ 250PSI. FULL CIRC.
	9:30 - 10:00	0.50	ABANDP	34	I	P		JSA MEETING. RU NEXTIER WL.
	10:00 - 10:30	0.50	ABANDP	34	H	P		RIH 4-3.125" PERF GUN. 3SPF-120*-.5" DIAM. SHOT 12 HOLES @ 2000'-2004'
	10:30 - 11:00	0.50	ABANDP	31	I	P		TIH 4.5" 32-A TENSION PKR + UNLOADER. SET PKR @ 1560' = 48JTS 2.375" TBG.
	11:00 - 14:00	3.00	ABANDP	31	H	P		EST. FOWARD CIRCULATION. THROUGH PERF HOLES @ 1500'& 2000'. 540BBLS TO VOLUME. 3BBLS/MIN @ 450PSI. FULL CIRC.
	14:00 - 14:30	0.50	ABANDP	31	I	P		RELEASE PKR. TOOH SB TBG 48JTS & LD PKR.
	14:30 - 15:15	0.75	ABANDP	31	I	P		TIH 4.5" CIR. SET CIRC @ 1560'MD = 48JTS.
	15:15 - 15:30	0.25	ABANDP	51	E	P		MIRU BASIC CMT EQUIP.

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	15:30 - 16:00	0.50	ABANDP	51	D	P		SQZ RO CMT PLUG. BASIC AGM CMT BLEND. 5BBLS FRESH. 10BBLS MUD FLUSH 5BBLS FRESH 188SKS @ 1.23 YIELD. 41.3BBLS CMT @ 15.8#. DISPLACED 5BBLS FRESH WATER. LEAVING 1BBL ON CICR. BOC 2000' TOC 1504' 2.2BBLS/MIN @ 248PSI. PH8.0/TDS 97/67* TEMP
	16:00 - 17:00	1.00	ABANDP	31	H	P		STUNG OUT OF CICR. LD 2JTS. EST. CIRC. DOWN P-TBG UP 4.5" P-CSG. CIRCULATED 30BBLS. SHUT IN P-TBG. RH CLEAN CIRCULATED PUMPING DOWN P-CSG UP ANNULUS. 110BBLS T-VOLUME. 3BBLS CMT IN RETURNS UP P-CSG. NO CMT RETURN IN ANNULUS.
	17:00 - 17:30	0.50	ABANDP	31	I	P		TOOH 2.375" TBG. LD 12JTS. SB 34JTS. SHUT IN & SECURED WELL.
	17:30 - 18:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD.
3/4/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL CREW TO LOCATION.
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING. DAILY INSPECTION. START EQUIP.
	7:00 - 7:30	0.50	ABANDP	52	I	P		WELL PSI. 4PSI S-CSG. 4PSI P-CSG.
	7:30 - 10:00	2.50	ABANDP	31	H	P		EST. FOWARD CIRCULATION. DOWN P-CSG UP ANNULUS UTILIZING PERFS @ 1500'MD. 550BBLS TO VOLUME. WELL WAS LOADED NO FLUID LOSS. 4BBLS/MIN @ 350PSI. FULL CIRC.
	10:00 - 10:30	0.50	ABANDP	34	I	P		JSA MEETING. RU NEXTIER WL.
	10:30 - 11:00	0.50	ABANDP	34	H	P		RIH 4-3.125" PERF GUN. 3SPF-120*-.5" DIAM. SHOT 12 HOLES @ 1000'-1004' TIH 4.5" CIR. SET CICR @ 1067'MD = 33JTS.
	11:00 - 11:30	0.50	ABANDP	31	I	P		
	11:30 - 12:00	0.50	ABANDP	51	E	P		MIRU BASIC CMT EQUIP.

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	12:00 - 13:00	1.00	ABANDP	51	D	P		SQZ RO CMT PLUG. BASIC AGM CMT BLEND. 5BBLS FRESH. 10BBLS MUD FLUSH 5BBLS FRESH 188SKS @ 1.23 YIELD. 41.3BBLS CMT @ 15.8#. DISPLACED 3BBLS FRESH WATER. LEAVING 1BBL ON CICR. BOC 1500' TOC 1004' 2.2BBLS/MIN @ 348PSI. PH8.8/TDS 100/66* TEMP
	13:00 - 14:00	1.00	ABANDP	31	H	P		STUNG OUT OF CICR. LD 2JTS. EST. CIRC. DOWN P-TBG UP 4.5" P-CSG. CIRCULATED 30BBLS. SHUT IN P-TBG. RH CLEAN PUMPING DOWN P-CSG UP ANNULUS. 90BBLS T-VOLUME. 4BBLS CMT IN RETURNS UP P-CSG. NO CMT RETURN IN ANNULUS.
	14:00 - 14:30	0.50	ABANDP	31	I	P		TOOH 2.375" TBG. LD 31JTS.
	14:30 - 15:00	0.50	ABANDP	30	K	P		SHUT IN & SECURED WELL DRAINED EQUIP.
	15:00 - 15:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD.
3/5/2020	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 MEETING. DAILY INSPECTION.
	7:00 - 7:15	0.25	ABANDP	52	I	P		WELL PRESSUE @ 0PSI P-CSG & S-CSG.
	7:15 - 8:00	0.75	ABANDP	30	J	P		ND RACK BACK BOP & EQUIP. ND BROKE DOWN EXISTING WH. INSTALLED B1 SWEDGE.
	8:00 - 9:00	1.00	ABANDP	31	H	P		EST CONVENTIONAL CIRC. 120BBLS FRESH WATER. 4BBLS /MIN @ 350PSI.
	9:00 - 9:30	0.50	ABANDP	51	E	P		JSA MEETING. MIRU BASIC CMT EQUIP.

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	9:30 - 11:00	1.50	ABANDP	51	D	P		SURFACE TOP OUT CMT. BASIC AGM CMT BLEND. 388SKS @ 1.23YIELD. 85 BBLS CMT @ 15.8#. .75BBL DISPLACED. 5.21GPS. 2.7BBLS/MIN @ 105PSI. CMT TO SURFACE @ 78BBLS. PUMPED ADDITIONAL 7BBLS . SHUT IN P-CSG. TIED IN CMT LINE TO FLOW T @ ONE SIDE OF S-CSG VALVE. FLUSHED OUT S-CSG VALVES 10BBLS @ .5-1.5BBLS/MIN. BOC 1000' TOC SURFACE. WATER TESTED @ PH 8/TDS 112/65* FULL CIRC.
	11:00 - 13:00	2.00	ABANDP	30	C	P		CLEANED UP EQUIP. CLEANED UP LOCATION. RACK BACK HARD LINES. RDMO BASIC 1652.
3/6/2020	-							
3/31/2020	11:00 - 12:00	1.00	ABANDZ	53	B	P		DUG UP SURFACE CASING
	12:00 - 13:00	1.00	ABANDZ	53	C	P		CUT CASING 6' BELOW GL, TAGGED @ 60' IN 4-1/2, CEMENT AT SURFACE IN 8-5/8
	13:00 - 14:00	1.00	ABANDZ	53	B	P		FILLED 4-1/2 CASING STUB WITH 6 BAGS 5000 PSI CEMENT
	14:00 - 15:00	1.00	ABANDZ	53	A	P		CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO
	15:00 - 16:00	1.00	ABANDZ	53	B	P		BACKFILLED
	16:00 - 16:00	0.00	ABANDZ	53	F	P		PLACED MARKER BALL
	15:00 - 15:00	0.00	ABANDP	50				P&A'd OFFLINE. NB-CD.