

US ROCKIES REGION
Operation Summary Report

Well: WARDELL H18-10

Spud date: 7/26/1992

Project: COLORADO-WELD-NAD83-UTM13

Site: WARDELL H18-10

Rig name no.: SPN 723/723, BRIGADE 5/5

Event: ABANDONMENT

Start date: 10/25/2019

End date: 3/27/2020

Active datum: RKB @4,986.99usft (above Mean Sea Level)

UWI:

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
7/24/2019	7:00 - 8:00	1.00	ABANDP	53	B	P		FORM 17 TEST
9/12/2019	12:00 - 14:00	2.00	LOCPRP	53	B	P		LONE TREE SERVICE MOWED, SET HOT WIRE FENCE, LEVEL FOR BASE BEAM.
9/27/2019	7:00 - 8:00	1.00	ABANDP	53	B	P		FORM 17 TEST
10/25/2019	11:00 - 12:00	1.00	ABANDP	30	A	P		MIRU WO
	12:00 - 13:00	1.00	ABANDP	30	D	P		PT BOP, 250 PSI FOR 5 MIN, 5,000 PSI FOR 15 MIN, PIPE AND BLIND RAMS BOTH
	13:00 - 14:00	1.00	ABANDP	30	E	P		CHECK WELL PRESS, 915 PSI ON TBG AND CSG, 0 PSI ON SC, BD WELL, PUMP 40 BBLS DOWN CSG, PUMP 5 BBLS DOWN TBG, GAIN CIRC, CIRC GAS OUT OF WELLBORE
	14:00 - 15:00	1.00	ABANDP	30	F	P		ND WH, NU BOP, UNLAND TBG, SLICKLINE RAN IPRESSION BLOCK INIDICATING PARTED TBG @ 2805', TBG WEIGHED 5,000 LBS INDICATIING THAT THE TBG WAS INDEED PARTED
	15:00 - 16:00	1.00	ABANDP	31	I	P		BEGIN TOOH, PULL 20 STANDS, WELL BEGAN TO GAS
	16:00 - 16:30	0.50	ABANDP	31	H	P		CIRC GAS OUT OF WELL
	16:30 - 17:00	0.50	ABANDP	30	E	P		WAIT FOR WELL TO DIE, WELL CONTINUED TO FLOW, BRINGING GAS BUBBLES TO SURFACE
	17:00 - 18:00	1.00	ABANDP	31	I	P		INSTALL WASHINGTON HEAD, STRIP TBG BACK INTO WELL, SECURE WELL
	18:00 - 18:30	0.50	ABANDP	30	I	P		DRAIN PUMP AND LINES, SECURE WELL, SDFD
10/28/2019	18:30 - 19:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING, RIG INSPECTION
	7:00 - 8:00	1.00	ABANDP	30	M	P		START RIG AND EQUIP, HAD FROZEN WH VALVES, THAW OUT VALVES, PUMP THRU ALL LINES TO CLEAR ICE,
	8:00 - 9:00	1.00	ABANDP	30	E	P		CHECK WELL PRESS, 240 PSI ON TBG AND CSG, 0 PSI ON SC, BD WELL, PUMP KILL
	9:00 - 9:30	0.50	ABANDP	31	I	P		TIH WITH 6 JOINTS OF TBG, TAG FISH TOP, ATTEMPT TO SCREW BACK INTO FISH.
	9:30 - 11:30	2.00	ABANDP	31	I	P		TOOH
	11:30 - 12:30	1.00	ABANDP	31	1	P		MAKE UP SPEAR, SET SPEAR IN TBG AT SURFACE TO INSURE THAT THE CATCH WAS CORRECT FOR FISH TOP
	12:30 - 14:00	1.50	ABANDP	31	I	P		TIH TO FISH TOP
	14:00 - 15:00	1.00	ABANDP	31	B	P		WORK SPEAR ON FISH TOP, ATTEMPT TO SPEAR FISH, COULD NOT GET SPEAR INTO FISH
	15:00 - 16:00	1.00	ABANDP	31	I	P		TOOH, LD SPEAR
	16:00 - 17:30	1.50	ABANDP	30	I	P		SECURE WELL, DRAIN PUMP AND LINES, BLOW OUT ALL LINES WITH RIG AIR. CLEAN LOCATION
	17:30 - 18:00	0.50	ABANDP	30	G	D		TRAVEL TO SHOP
10/29/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 9:00	2.50	ABANDP	30	M	P		CHECK WELL PRESS, 5 PSI ON TBG AND CSG, 0 PSI ON SC, START RIG AND EQUIPMENT
	9:00 - 9:30	0.50	ABANDP	30	I	P		SHUT DOWN EQUIPMENT, TARP IN RIG, SDFD DUE TO WEATHER

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Rig name no.: SPN 723/723, BRIGADE 5/5

Event: ABANDONMENT

Start date: 10/25/2019

End date: 3/27/2020

Active datum: RKB @4,986.99usft (above Mean Sea Level)

UWI:

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
10/30/2019	9:30 - 10:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 9:30	3.00	ABANDP	30	M	P		CHECK WELL PRESS, 0 PSI ON TBG AND CSG, 0 PSI ON SC, WARM UP EQUIPMENT, SPOT RIG HEATER, SDFD
10/31/2019	9:30 - 10:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING RIG INSPECTION
	7:00 - 7:30	0.50	ABANDP	31	I	P		TIH TO 2840' , TAG TOP OF TBG
	7:30 - 8:00	0.50	ABANDP	31	H	P		CIRC WELLBORE, BRING CEMENT AND SCALE PIECES BACK
	8:00 - 8:30	0.50	ABANDP	31	I	P		TOOH
	9:00 - 9:30	0.50	ABANDP	31	1	P		PU PERFORATED SUB AND SPEAR WITH 1.277" GRAPPLE
	9:30 - 10:00	0.50	ABANDP	31	I	P		TIH TO 2840'
	10:00 - 12:00	2.00	ABANDP	31	B	P		SET DOWN AND SPEAR TBG, MAKE 3.3' OF HOLE AFTER INITIAL TAG, BEGIN TO P TBG, PULL TO 17K LBS, FEEL GRAPPLE PULL OUT OF FISH, SET DOWN AND SPEAR TBG, BEGIN TO PU, SLOWLY PULL TO 16K, FEEL GRAPPLE POP OUT OF FISH, SET DOWN STRING WEIGHT, SPEAR TBG ONCE AGAIN, PU PU TBG 20 14K LBS, FEEL GRAPPLE SLIP OUT OF FISH ONCE AGAIN
	12:00 - 12:30	0.50	ABANDP	31	I	P		TOOH
11/1/2019	12:30 - 13:00	0.50	ABANDP	31	1	P		PULL SPEAR APART, CHANGE 1.277 GRAPPLE OUT WITH 1.308 GRAPPLE
	13:00 - 13:30	0.50	ABANDP	31	I	P		TIH TO 2840'
	13:30 - 15:00	1.50	ABANDP	31	B	P		SET DOWN TBG, FEEL SPEAR SLIDE INTO TBG, PULL TO 18K LBS, FEEL GRAPPLE GIVE WAY AND POP OUT OF FISH, SET BACK DOWN AND RESPEAR TBG, BEGIN TO PU, PULL TO 17K LBS, SET BACK DOWN TO 4K STRING WEIGHT, PULL BACK TO 17K LBS, DO THIS 10 TIMES, CANNOT MAKE ANY GROUND PULLING TBG
	15:00 - 15:30	0.50	ABANDP	31	B	P		MAKE DECISION THAT WE ARE UNABLE TO PULL TBG FREE, SET TBG DOWN TO 4K STINRG WEIGHT, INSTALL NIGHT CAP INTO TIW, PULL BACK TO 18K LBS, SET TBG INTO SLIPS
	15:30 - 16:30	1.00	ABANDP	30	I	P		DRAIN PUMP AND LINES, SECURE WELL, SDFD
	16:30 - 17:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING, RIG INSPECTION
	7:00 - 9:00	2.00	ABANDP	31	B	P		CHECK WELL PRESS, 0 PSI ON WELLBORE, 0 PSI ON SC, WORK TBG TO ATTEMPT TO FREE STUCK PIPE, UNABLE TO FREE PIPE, RELEASE SPEAR
	9:00 - 10:00	1.00	ABANDP	31	I	P		TOOH, LD ALL NU TBG, RELEASE TRLR WITH NU
	10:00 - 13:00	3.00	ABANDP	46	E	PT		WAIT ON TBG, A&W HAD AN ACCIDENT FORCING A DELEAY IN GETTING NEW IJ TUBIN TO LOCATION, A TRUCK LOST SOME PIPE ON THE ROAD AND THEY DECIDED FOR SAFETYS SAKE TO UNLOAD AND RELOAD OUR TBG IN A DIFFERENT MANNER.
	13:00 - 14:00	1.00	ABANDP	31	1	P		MOVE TRLR WITH NU TBG FROM IN FRONT OF RIG, SPOT TRLR WITH NEW IJ TBG IN.

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11/4/2019	14:00 - 16:00	2.00	ABANDP	31	I	P		PU 80 JTS IJ TBG, TIH,
	16:00 - 17:00	1.00	ABANDP	31	I	P		TOOH, SB ALL NEW TBG
	17:00 - 17:30	0.50	ABANDP	30	I	P		SECURE WELL, SDFD
	17:30 - 18:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 9:00	2.50	ABANDP	30	M	P		CHECK WELL PRESS, 0 PSI ON WELL, 0 PSI ON SC, START ALL EQUIPMENT, WAIT ON WSS TO ARRIVE FROM SAFETY MEETING
	9:00 - 9:30	0.50	ABANDP	48	B	P		JSA MEETING, RIG INSPECTION
	9:30 - 10:30	1.00	ABANDP	31	I	P		PU 1.2364 SPEAR, TIH TO 2830'
	10:30 - 11:00	0.50	ABANDP	31	B	P		SPEAR TBG, WORK STUCK PIPE PICKING UP TO 22K LBS BEFORE TBG BELOW SPEAR PARTED.
	11:00 - 12:00	1.00	ABANDP	31	I	P		TOOH, LD ALL TBG BELOW SPEAR
11/5/2019	12:00 - 13:30	1.50	ABANDP	31	I	P		REMOVE SPEAR AND GRAPPLE FROM FISH, INSPECT GRAPPLE AND MAKE PLAN FOR GOING FORWARD.
	13:30 - 14:30	1.00	ABANDP	30	I	P		DECIDE TO SDFD AND WAIT ON WL, DRAIN PUMP AND LINES, SECURE WELL, SDFD
	14:30 - 15:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
	7:00 - 7:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	7:30 - 8:00	0.50	ABANDP	48	B	P		JSA MEETING, RIG INPSECTION
	8:00 - 8:30	0.50	ABANDP	34	I	P		MIRU WL
	8:30 - 9:30	1.00	ABANDP	34	L	P		RIH TO 7060', JET CUT TBG , POOH
	9:30 - 11:30	2.00	ABANDP	31	I	P		RDMO WL, PU SPEAR WITH 1.308" GRAPPLE, TIH TO 3114', SPEAR INTO FISH
	11:30 - 13:00	1.50	ABANDP	31	B	P		WORK TBG FROM 4K LBS TO 18K LBS, ATTEMPTING TO FREE STUCK TBG
	13:00 - 14:00	1.00	ABANDP	31	I	P		PULL TO 19K LBS, TOOL PULLED FREE FROM FISH, TOOH TO INSPECT TOOL
11/6/2019	14:00 - 15:30	1.50	ABANDP	46	E	P		GRAPPLE WAS BROKEN COMPLETELY OFF OF SPEAR, DECIDE TO CALL OUT WIRELINE TO RUN MAGNET, WAIT ON WL
	15:30 - 16:00	0.50	ABANDP	34	I	P		MIRU WL,
	16:00 - 17:00	1.00	ABANDP	34	O	P		RIH TO 3114' WITH 1.75 " MAGNET TO CHECK TOP OF FISH FOR DEBRIS, SLOWLY SET DOWN ON FISH TOP, POOH TO 3,000', SLOWLY GO BACK DOWN AND SET DOWN ON FISH TOP AGAIN, POOH
	17:00 - 17:30	0.50	ABANDP	34	I	P		INSPECT MAGNET, NO DEBRIS ATTACHED, RD WL
	17:30 - 18:30	1.00	ABANDP	30	I	P		DRAIN PUMP AND LNIES, SECURE WELL, SDFD
	18:30 - 19:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING, RIG INSPECTION
	7:00 - 8:30	1.50	ABANDP	34	I	P		RU WL
	8:30 - 9:00	0.50	ABANDP	34	O	P		RIH TO 3114' WITH MAGNET, TAG TOP OF FISH, PULL UP 10', EASE DOWN AND TAG TOP AGAIN 4 TIMES, POOH
	9:00 - 9:30	0.50	ABANDP	34	O	P		INSPECT MAGNET, NOTHING RETURNED ON MAGNET, LD MAGNET, PU IMPRESSION BLOCK
	9:30 - 10:00	0.50	ABANDP	34	O	P		RIH WITH 2" IMPRESSION BLOCK, STACK OUT ON FISH TOP, POOH

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	10:00 - 10:30	0.50	ABANDP	34	1	P		INSPECT IMPRESSION BLOCK, DETERMINE THAT GRAPPLE IS PARTIALLY STUCK OUT OF FISH TOP, RD WL
	10:30 - 12:00	1.50	ABANDP	31	I	P		PU TBG TAP, TIH TO 3114'
	12:00 - 13:00	1.00	ABANDP	31	B	P		ATTEMPT TO WORK GRAPPLE BACK INTO FISH AND TBG TAP INTO FISH, WE WERE SUCCESSFUL IN GETTING GRAPPLE INTO TBG, BUT WERE UNABLE TO LATCH FISH
	13:00 - 14:30	1.50	ABANDP	31	I	P		TOOH, INPSECT TBG TAP
	14:30 - 15:00	0.50	ABANDP	34	1	P		RU WL, PU 6, 1" WEIGHT BARS
	15:00 - 17:00	2.00	ABANDP	34	O	P		RIH TO 3114', TAG TOP OF FISH, PU AND RIH TAGGING TOP OF FISH TO GET WEIGHT BARS INTO FISH AND PUSH GRAPPLE DOWN TO ALLOW ROOM FOR A CHEM CUTTER, WE WERE SUCCESSFUL AT MOVING GRAPPLE DOWN INISDE OF FISH 100', POOH
	17:00 - 17:30	0.50	ABANDP	30	I	P		DRAIN PUMP AND LINES, SECURE WELL, SDFD
	17:30 - 18:00	0.50	ABANDP	30	G	D		TRAVEL TO SHOP
11/7/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING, RIG INSPECTION
	7:00 - 8:30	1.50	ABANDP	31	I	P		PU TBG TAP, TIH TO 3114'
	8:30 - 9:00	0.50	ABANDP	31	B	P		DRESS FISH TOP WITH TBG TAP
	9:00 - 10:00	1.00	ABANDP	31	I	P		TOOH, INSPECT TAP, WEAR ON TAP TO 1.33"
	10:00 - 10:30	0.50	ABANDP	34	1	P		RU WL,
	10:30 - 11:30	1.00	ABANDP	34	L	P		RIH TO 3130', CUT TBG WITH CHEM CUTTER,POOH
	11:30 - 12:30	1.00	ABANDP	31	I	P		PU SPEAR, TIH TO 3114'
	12:30 - 13:30	1.00	ABANDP	31	I	P		SPEAR TBG @ 3114', TOOH WITH 16' OF 1.25" NU TBG
	13:30 - 15:00	1.50	ABANDP	31	I	P		PU OVERSHOT, TIH TO 3130'
	15:00 - 16:00	1.00	ABANDP	31	B	P		LATCH OVERSHOT ONTO TBG, PU TO 20K, TBG WOULD NOT PULL, BEGIN PUMPING DOWN CSG, WORKING TBG FROM 5K TO 20K TO TRY TO WORK TBG FREE,
	16:00 - 16:30	0.50	ABANDP	30	I	P		DRAIN PUMP AND LINES, SECURE WELL, SDFD
	16:30 - 17:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
11/8/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING, RIG INSPECTION
	7:00 - 9:00	2.00	ABANDP	31	I	P		CHECK WELL PRESS, 0 PSI ON CSG, 15 PSI ON TBG, 0 PSI ON SC, PU ON TBG PART PIPE 1 JT BELOW OVERSHOT, TOOH
	9:00 - 9:30	0.50	ABANDP	34	1	P		RU WL
	9:30 - 12:00	2.50	ABANDP	34	O	P		PU 5, 1 " WIEGHT BARS, WITH 1.21" SWEDGE BODY ON BOTTOM, RIH TO 3210', TAG GRAPPLE, CHASE GRAPPLE TO 7100', POOH NO DISCERNABLE SIGN OF CUT AT 7060'
	12:00 - 13:00	1.00	ABANDP	34	L	P		PU 1.25" CHEM CUTTER, RIH TO 4680', STACK OUT, CANNOT GET TOOLS TO FALL, POOH , DRAG OBSTRUCTION WITH TOOL TO 3140' TO END OF TBG
	13:00 - 14:00	1.00	ABANDP	34	L	P		PU 1" CHEM CUTTER, RIH TO 3140', CANNOT GET TOOL TO FALL, POOH

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	14:00 - 14:30	0.50	ABANDP	34	O	P		RIH TO 3140' WITH 1.75" MAGNET, POOH, NOTHING ON MAGNET
	14:30 - 16:00	1.50	ABANDP	34	O	P		PU 4, 5' BY 1" WEIGHT BARS, 1' BY 1" CCL, 2" BY 1" ADAPTER, 1' BY 1" PROP CHAMBER, AND A 1' BY 1.2' WEDGE BODY, RIH TO 7100', COULD NOT FEEL ANYTHING GOING IN, POOH TO 6790', STICK TOOLS, ROCK TOOLS BACK AND FORTH, PULL TO 2300 LBS, PULL OUT OF CABLE HEAD, POOH
	16:00 - 16:30	0.50	ABANDP	30	I	P		DRAIN PUMP AND LINES, SECURE WELL, SDFD
	16:30 - 17:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
11/11/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING, RIG INSPECTION
	7:00 - 9:30	2.50	ABANDP	46	E	P		WAIT ON WL TO ARRIVE ON LOCATION, DID NOT CALL THEM UNTIL 0800
	9:30 - 10:00	0.50	ABANDP	34	I	P		MIRU WL
	10:00 - 11:00	1.00	ABANDP	34	L	P		RIH AND CHEM CUT TBG @ 6788', POOH
	11:00 - 12:00	1.00	ABANDP	34	L	P		DISASSEMBLE CUTTER, LOTS OF CHEM REMAINED IN CUTTER
	12:00 - 13:00	1.00	ABANDP	31	I	P		PU SPEAR WITH 1.308 GRAPPLE, TIH TO 3140'
	13:00 - 14:00	1.00	ABANDP	31	B	P		SPEAR TBG, WORK FROM 5K TO 18K LBS IN AN ATTEMPT TO PULL FREE, PUL TO 20K LBS AND GRAPPLE PULLED FREE FROM TBG
	14:00 - 15:00	1.00	ABANDP	34	I	P		RU WL, MAKE UP 1" CHEM CUTTER
	15:00 - 16:00	1.00	ABANDP	34	L	P		RIH TO 7150' TAG WIRELINE TOOLS THAT WERE STUCK @ 7690', POOH TO 7,000', CHEM CUT TBG
	16:00 - 17:00	1.00	ABANDP	34	I	P		RDMO WL
	17:00 - 18:30	1.50	ABANDP	30	I	P		DRAIN PUMP AND LINES, SECURE WELL, TARP IN RIG AND WELL, SDFD
	18:30 - 19:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
11/12/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING, RIG INSPECTION
	7:00 - 8:30	1.50	ABANDP	31	I	P		PU SPEAR, WITH 1.346" GRAPPLE, TIH TO 3140', SPEAR INTO TBG
	8:30 - 12:00	3.50	ABANDP	31	B	P		WORK TBG FROM 5K LBS TO 26K LBS IN AND ATTEMPT TO FREE STUCK PIPE
	12:00 - 13:00	1.00	ABANDP	31	B	P		PULL 26K INTO TBG, SHUT RAMS, PUMP CSG UP TO 2000 PSI, LET SIT FOR 30 MIN, BLEED PRESSURE OFF OF CSG, TBG JUMPED AND CAME FREE AS PRESSURE WAS RELIEVED, 1.364 GRAPPLE FROM A 1" SPEAR WAS LEFT IN HOLE, EITHER IN TOP OF FISH, OR ON TOP OF FISH
	13:00 - 14:00	1.00	ABANDP	31	I	P		TOOH
	14:00 - 14:30	0.50	ABANDP	31	B	P		INSPECT TOOLS, GRAPPLE WAS COMPLETELY PULLED OFF OF THE SPEAR, MAKE DECISION TO SHUT DOWN OPERATIONS AND MOVE RIG TO THE MILLER NILES S UNIT #2
	14:30 - 15:30	1.00	ABANDP	31	I	P		TIH WITH ALL TBG IN DERRIK
	15:30 - 17:00	1.50	ABANDP	31	I	P		TOOH, LD ALL TBG
	17:00 - 17:30	0.50	ABANDP	30	I	P		DRAIN PUMP AND LINES, SECURE WELL, SDFD
	17:30 - 18:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP
11/13/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING, RIG INSPECTION

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	7:00 - 9:00	2.00	ABANDP	30	C	P		RD WORK FLOOR, RD PUMP AND TANKS
	9:00 - 11:00	2.00	ABANDP	30	J	P		ND BOP, ND WH, NU NEW 5K WH, WITH NEW VALVES AND NIPPLES, NEW TOP VALVE AND SECONDARY SAFETY VALVE, LAND HANGER WITH NEW SEALS AND 1 JT 1.66 TBG UNDER HANGER TO TEST WH WITH
	11:00 - 13:00	2.00	ABANDP	30	F	P		TORQUE WH, ATTEMPT TO TEST WH, COULD NOT GET TO TEST, CHANGE RUBBERS ON BARS, CHECK ALL CONNECTIONS, DETERINE THAT PRESSURE IS LEAKING PAST HANGER DUE TO NOT HAVING ANY PIPE WEIGHT
	13:00 - 14:00	1.00	ABANDP	30	D	P		FILL WELLBORE WITH FRESH WATER, PT CSG AND WH TO 1,000 PSI FOR 15 MIN, NO BLEED OFF, NO LEAKS
	14:00 - 15:00	1.00	ABANDP	30	C	P		RD WO, MOVE TO MILLER NILES S UNIT #2
2/27/2020	13:00 - 15:00	2.00	LOCPRP	53	B	P		LONE TREE SERVICE, SET HOT WIRE FENCE UP ON LOCATION FOR UP COMING RIG OPS.
3/3/2020	12:00 - 12:30	0.50	ABANDP	48	B	P		HSM, CHECKED WELL PRESSURES. SITP 0 PSI, SICP 0 PSI, SISCP 0 PSI.
	12:30 - 14:00	1.50	ABANDP	30	A	P		MIRU SPN 723, START OPERATIONS @12:00 HOURS 3/3/2020. SPOT BASE BEAM & RIG. RAISED DERRICK. INSTALLED GUIDE WIRES. SPOT PUMP & MUD TANKS. RU HARD LINES. PRESSURE TESTED LINES T/ 2500 PSI.
	14:00 - 14:30	0.50	ABANDP	30	E	P		PUMPED 1 BBL FRESH WATER DOWN CSG & PRESSURED UP T/ 1000 PSI AND HELD.
	14:30 - 16:00	1.50	ABANDP	30	D	P		STUMP TEST BOPE. BLIND RAMS : 250 PSI LOW 5 MIN, 5000 PSI HIGH 15 MIN. 1-1/4" PIPE RAMS : 250 PSI LOW 5 MIN, 2000 PSI HIGH 15 MIN. TIW VALVE : 5000 PSI HIGH 15 MIN. TEST GOOD.
	16:00 - 17:30	1.50	ABANDP	30	F	P		ND PRODUCTION TREE. NU 7-1/16" 5K BOPE. NOTE: ATTEMPTED TO PULL TBG HANGER AND HANGER WAS STUCK.
	17:30 - 18:00	0.50	ABANDP	30	I	P		DRAINED PUMP AND LINES. CLOSED AND SECURED WELL, SDFN.
	18:00 - 18:30	0.50	ABANDP	30	G	P		TRAVEL TO SHOP.
3/4/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 7:00	0.50	ABANDP	48	B	P		HSM, CHECKED WELL PRESSURES. SITP 0 PSI, SICP 0 PSI, SISCP 0 PSI.
	7:00 - 12:00	5.00	ABANDP	30	M	P		WRAP AND HEAT FROZEN WELL HEAD.
	12:00 - 14:30	2.50	ABANDP	31	B	P		HSM, RU HYD. TBG HANGER PULLER. PULLED TBG HANGER FREE. NOTE: TOOK 80K TO PULL HANGER FREE. RD JACKS.
	14:30 - 18:00	3.50	ABANDP	34	I	P		RU PIONEER WIRELINE. TIH W/ 2" GR T/ 3140'. TIH & SET 2.875" CIBP @3130', TOOH, RD WIRELINE. CLOSED AND SECURED WELL.
	18:00 - 18:30	0.50	ABANDP	30	I	P		DRAINED PUMP AND LINES, SDFN.
	18:30 - 19:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP.
3/5/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 7:00	0.50	ABANDP	48	B	P		HSM, CHECKED WELL PRESSURES. SITP 0 PSI, SICP 0 PSI, SISCP 0 PSI.

US ROCKIES REGION
Operation Summary Report

Well: WARDELL H18-10

Spud date: 7/26/1992

Project: COLORADO-WELD-NAD83-UTM13

Site: WARDELL H18-10

Rig name no.: SPN 723/723, BRIGADE 5/5

Event: ABANDONMENT

Start date: 10/25/2019

End date: 3/27/2020

Active datum: RKB @4,986.99usft (above Mean Sea Level)

UWI:

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:00 - 13:30	6.50	ABANDP	34	N	P		HSM, RU PIONEER WIRELINE. RAN CBL LOG F/ 1400' T/ SURFACE. TIH & DUMP 2 SX CMT ON TOP OF CIBP @3130'. NOTE: TOOK 7 BAILER RUNS FOR 100' COVERAGE. TOP OF CMT @3030'. TIH & JET CUT 2-7/8" CSG @1285', TOOH, RD WIRELINE.
	13:30 - 17:00	3.50	ABANDP	31	H	P		CIRCULATE 2-7/8" & 8-5/8" ANNUALS. PUMPING @4.0 BPM @600 PSI. PUMPED A TOTAL OF 840 BBLs FRESH WATER W/ BIO. CLOSED AND SECURED WELL.
	17:00 - 17:30	0.50	ABANDP	30	I	P		DRAINED PUMP AND LINES, SDFN.
	17:30 - 18:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP.
3/6/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 7:00	0.50	ABANDP	48	B	P		HSM, CHECKED WELL PRESSURES. SICP 0 PSI, SISCP 0 PSI. NO LEL'S
	7:00 - 9:00	2.00	ABANDP	31	H	P		CIRCULATE 2-7/8" & 8-5/8" ANNUALS. PUMPING @4.0 BPM @400 PSI. PUMPED A TOTAL OF 480 BBLs FRESH WATER W/ BIO. MONITOR WELL F/ FLOW.
	9:00 - 9:30	0.50	ABANDP	30	D	P		HSM, RU RMOR, PRESSURE TEST 2-7/8" PIPE RAMS: 250 PSI LOW 10 MIN, 5000 PSI HIGH 10 MIN, TEST GOOD.
	9:30 - 11:00	1.50	ABANDP	30	J	P		RD RIG FLOOR & EQUIPMENT. ND BOPE. REMOVE WELL HEAD & CSG SLIPS. INSTALL W-92 FLANGE, NU BOPE. RU RIG FLOOR & EQUIPMENT.
	11:00 - 16:00	5.00	ABANDP	31	H	P		CIRCULATE 2-7/8" & 8-5/8" ANNUALS. PUMPING @4.0 BPM @400 PSI. PUMPED A TOTAL OF 1200 BBLs FRESH WATER W/ BIO. CLOSED AND SECURED WELL.
	16:00 - 16:30	0.50	ABANDP	30	I	P		DRAINED PUMP AND LINES, SDFN.
	16:30 - 17:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP.
3/9/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 7:00	0.50	ABANDP	48	B	P		HSM, CHECKED WELL PRESSURES. SITP 22 PSI, SISCP 33 PSI.
	7:00 - 9:30	2.50	ABANDP	31	H	P		CIRCULATE WELL F/ CMT. PUMPING @4.0 BPM @400 PSI. PUMPED A TOTAL OF 600 BBLs FRESH WATER W/ BIO.
	9:30 - 10:30	1.00	ABANDP	51	D	P		HSM, RU NEXTIER CEMENTERS. PUMP 200 SX FOX HILLS PLUG F/ 1285' T/ 885'.
								PUMED 10 BBLs MUD CLEAN FOLLOWED BY 5 BBLs FRESH WATER.
								PUMPED 200 SX, 274 CU/FT, 48.8 BBLs, 1.37 YIELD, 14.6 PPG CLASS "G" CMT. DISPLACED W/ 3 BBLs FRESH WATER. CIP @10:30 HOURS 3/9/2020. CALCULATED TOP OF CMT @885'. RD CEMENTERS.
	10:30 - 11:00	0.50	ABANDP	31	I	P		TOOH W/ 2-7/8" TBG T/ 830'.
	11:00 - 11:30	0.50	ABANDP	31	H	P		REVERSE CIRCULATE EXCESS CMT @830'.
	11:30 - 12:00	0.50	ABANDP	31	I	P		TOOH & LD EXCESS 2-7/8" TBG.
	12:00 - 16:00	4.00	ABANDP	53	G	P		ASSIST VAC TRUCKS CLEANING MUD TANKS.
	16:00 - 16:30	0.50	ABANDP	30	I	P		DRAINED PUMP AND LINES. CLOSED AND SECURED WELL, SDFN.
	16:30 - 17:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP.
3/10/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.

US ROCKIES REGION
Operation Summary Report

Well: WARDELL H18-10

Spud date: 7/26/1992

Project: COLORADO-WELD-NAD83-UTM13

Site: WARDELL H18-10

Rig name no.: SPN 723/723, BRIGADE 5/5

Event: ABANDONMENT

Start date: 10/25/2019

End date: 3/27/2020

Active datum: RKB @4,986.99usft (above Mean Sea Level)

UWI:

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	6:30 - 7:00	0.50	ABANDP	48	B	P		HSM, CHECKED WELL PRESSURES. SICP 0 PSI, NO LEL'S.
	7:00 - 7:30	0.50	ABANDP	31	I	P		TIH W/ 26 JTS 2-7/8" 8.7 LB HYD TBG & TAG CMT @804'.
	7:30 - 10:00	2.50	ABANDP	31	H	P		CIRCULATE WELL F/ CMT @804'. PUMPING @3.0 BPM @300 PSI.
	10:00 - 10:30	0.50	ABANDP	51	D	P		HSM, RU NEXTIER CEMENTERS. PUMPED STUB PLUG F/ 804' T/ 441'.
								PUMED 10 BBLS MUD CLEAN FOLLOWED BY 5 BBLS FRESH WATER. PUMPED 93 SX, 127 CU/FT, 22.7 BBLS, 14.6 PPG, 1.37 YIELD, CLASS "G" CMT. DISPLACED W/ 1.7 BBLS FRESH WATER. CIP @10:30 HOURS 3/10/2020.
	10:30 - 11:00	0.50	ABANDP	31	I	P		TOOH & LD 11 JTS 2-7/8" TBG T/ 441'. REVERSE CIRC EXCESS CMT.
	11:00 - 14:30	3.50	ABANDP	46	B	P		WAIT ON CEMENT.
	14:30 - 15:00	0.50	ABANDP	31	I	P		TIH W/ 2-7/8" TBG & TAGGED CMT @692'.
	15:00 - 16:30	1.50	ABANDP	31	H	P		CIRCULATE WELL. NOTE: TBG WAS PLUGGED. PUMPED AND CLEARED TBG. CIRCULATED CLEAN.
	16:30 - 17:00	0.50	ABANDP	31	I	P		TOOH W/ 22 JTS 2-7/8" 8.7LB HYD TUBING. CLOSED AND SECURED WELL.
	17:00 - 17:30	0.50	ABANDP	30	I	P		DRAINED PUMP AND LINES, SDFN.
	17:30 - 18:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP.
3/11/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 7:00	0.50	ABANDP	48	B	P		HSM, CHECKED WELL PRESSURES. SISCP 0 PSI, NO LEL'S.
	7:00 - 7:30	0.50	ABANDP	31	I	P		TIH W/ 21 JTS 2-7/8" 8.7LB N-80 HYD TBG & TAGGED CMT @648'.
	7:30 - 10:00	2.50	ABANDP	31	H	P		CIRCULATE WELL F/ CMT @648'. PUMPING @2.0 BPM @200 PSI.
	10:00 - 10:30	0.50	ABANDP	51	D	P		HSM, RU BASIC CEMENTERS. PUMPED STUB PLUG #2 F/ 648' T/ 485'.
								PUMPED 50 SX, 57.5 CU/FT, 10.3 BBLS, 1.15 YIELD, 15.8PPG CLASS "G" CMT. DISPLACE W/ 2 BBLS FRESH WATER. CIP@10:30 HOURS 3/11/2020. CALCULATED TOP OF CMT @485'.
	10:30 - 11:00	0.50	ABANDP	31	I	P		TOOH W/ 6 JTS 2-7/8" TBG T/ 441'. REVERSE CIRCULATE EXCESS CMT. CIRCULATE CLEAN.
	11:00 - 14:30	3.50	ABANDP	46	B	P		WAIT ON CEMENT.
	14:30 - 15:00	0.50	ABANDP	31	I	P		TIH W/ 20 JTS 2-7/8" TBG & TAGGED 648'. CEMENT SEEMS TO BE WET. TOOH T/ 441' & REVERSE CIRC. TOOH W/ 20 JTS TBG TOTAL. CLOSED AND SECURED WELL.
	15:00 - 15:30	0.50	ABANDP	30	I	P		DRAINED PUMP & LINES, SDFN.
	15:30 - 16:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP.
3/12/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 7:00	0.50	ABANDP	48	B	P		HSM, CHECKED WELL PRESSURES. SISCP 0 PSI, NO LEL'S.
	7:00 - 8:00	1.00	ABANDP	31	I	P		TIH W/ 16 JTS 2-7/8" 8.7LB HYD TBG & TAGGED CMT @498'. TOOH T/ 150'.

US ROCKIES REGION
Operation Summary Report

Well: WARDELL H18-10				Spud date: 7/26/1992					
Project: COLORADO-WELD-NAD83-UTM13				Site: WARDELL H18-10				Rig name no.: SPN 723/723, BRIGADE 5/5	
Event: ABANDONMENT				Start date: 10/25/2019				End date: 3/27/2020	
Active datum: RKB @4,986.99usft (above Mean Sea Level)				UWI:					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation	
	8:00 - 9:00	1.00	ABANDP	51	D	P		HSM, RU BASIC CEMENTERS. PUMPED SURFACE PLUG F/ 150' T/ SURFACE. PUMPED 59 SX, 69.6 CU/FT, 12.3 BBLS, 1.18 YIELD, 15.8 PPG, CLASS "G" CMT. TOP OF CMT @SURFACE.	
	9:00 - 9:30	0.50	ABANDP	31	I	P		TOOH W/ 2-7/8" TBG.	
	9:30 - 10:00	0.50	ABANDP	30	J	P		RD RIG FLOOR AND EQUIPMENT. ND BOPE.	
	10:00 - 11:00	1.00	ABANDP	30	C	P		RDMO, RELEASE SPN 723 @11:00 HOURS 3/12/2020.	
3/27/2020	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, CEMENT AT SURFACE	
	9:00 - 10:00	1.00	ABANDZ	53	A	P		CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO	
	10:00 - 11:00	1.00	ABANDZ	53	B	P		BACKFILLED	
	11:00 - 11:00	0.00	ABANDZ	53	F	P		PLACED MARKER BALL	
	10:00 - 10:00	0.00	ABANDP	50				P&A'd OFFLINE. NB-CD.	