

US ROCKIES REGION
Operation Summary Report

Well: ROBERTS 32-22				Spud date: 7/6/2006					
Project: COLORADO-WELD-NAD83-UTM13				Site: ROBERTS 5-22 PAD				Rig name no.: RANGER 34/34, BASIC 1662/1662	
Event: ABANDONMENT				Start date: 8/11/2020				End date: 9/2/2020	
Active datum: RKB @4,912.00usft (above Mean Sea Level)				UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation	
11/4/2019	13:00 - 14:00	1.00	ABANDP	53	B	P		FORM 17 TEST AND SAMPLE	
11/18/2019	9:30 - 11:00	1.50	ABANDP	35	A	P		RU SUMMIT SLICKLINE, RIH TO FISH TOOLS, NO TOOLS IN WELL, TAG S.N. @ 7376' & TD @ 7880', RD SUMMIT SLICKLINE *TBG PRESSURE @ 1050PSI, SICP @ 1050PSI, NO FLUID LEVEL*	
11/19/2019	-								
11/21/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL	
	6:30 - 7:00	0.50	ABANDP	48	B	P		MORNING SAFETY MEETING/JSA & WALK AROUND *REFER TO SAFETY SECTION FOR REPORT*	
	7:00 - 7:15	0.25	ABANDP	52	I	X		CHECK WELL PRESSURES, TBG PRESSURE @ 892PSI, SICP @ 890PSI, BRADENHEAD PRESSURE @ 285PSI - NO FLUID, OPEN SURFACE CSG VALVE & LEAVE IT OPEN ALL DAY, SHUT VALVE WHEN WE GO HOME *BLEED OFF ALL PRESSURE ON WELLHEAD TREE, PERFORM A 5MIN SHUT IN TEST TO ENSURE VALVES AREN'T LEAKING & THERE IS NO PRESSURE*	
	7:15 - 8:45	1.50	ABANDP	30	A	P		LOCATION IS LEVEL, WELLHEAD IS A 4-1/2" SEABOARD 5K SIX PIN WELLHEAD, REMOVE FENCE AROUND WELL, SPOT IN BASE BEAM, MIRU BASIC #1662, RE-HOOKUP ALL PUMP & TANK LINES	
	8:45 - 9:00	0.25	ABANDP	52	F	P		ESTABLISH RED ZONE, PRESSURE TEST ALL PUMP LINES TO 2000PSI - HELD 15MINS, BLEED PRESSURE OFF TO OUR WORK TANK	
	9:00 - 10:30	1.50	ABANDP	30	E	P		BLEED WELL DOWN, KILL WELL w/ 140BBLs OF BIOCIDAL WATER DOWN 4-1/2" CSG w/ NO CIRCULATION, PUMP 40BBLs DOWN TBG w/ NO CIRCULATION, WELL DEAD	
	10:30 - 12:00	1.50	ABANDP	30	F	P		ESTABLISH RED ZONE, MAKE SURE ALL PERSONNEL & VEHICLES ARE CLEAR OF WELLHEAD & PUMP LINES, RU H-S TESTING TORQUE & TEST UNIT PRESSURE TEST BOTH TIW VALVES TO 250PSI - HELD 5MINS & 5000PSI HELD 15MINS STUMP TEST - FUNCTION TEST BOP, PRESSURE TEST BLIND RAMS TO 250PSI - HELD 5MINS & 5000PSI - HELD, PRESSURE TEST 2-3/8" PIPE RAMS TO 250PSI - HELD 5MINS & 5000PSI - FAILED *PIPE RAM BLOCKS ON BOP AREN'T WORKING PROPERLY, WAIT ON NEW BOP TO BE DELIVERED TO LOCATION* *JAY CHANDLER STOPPED BY LOCATION TO OBSERVE OUR P&A OPERATIONS*	
	12:00 - 13:00	1.00	ABANDP	46	E	Z		WAITING ON EQUIPMENT	

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End date: 9/2/2020

Active datum: RKB @4,912.00usft (above Mean Sea Level)

UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	13:00 - 16:30	3.50	ABANDP	30	F	P		UNLOAD NEW BOP & LOAD OLD BOP ON TRAILER, NU BIRD BATH ONTO NEW BOP, NU SPACER SPOOL ONTO NEW BOP, CHANGE OUT 3K VALVE w/ 5K VALVE ON SPACER SPOOL
								STUMP TEST - FUNCTION TEST BOP, PRESSURE TEST BLIND RAMS TO 250PSI - HELD 5MINS & 5000PSI - HELD 15MINS, PRESSURE TEST 2-3/8" PIPE RAMS TO 250PSI - HELD 5MINS & 5000PSI - HELD 15MINS
								ND WELLHEAD TREE, INSTALL TBG SUB w/ TIW VALVE, NU BOP, PRESSURE TEST 2-3/8" PIPE RAMS TO 250PSI - HELD 5MINS & 5000PSI - HELD 15MINS, RD H-S TESTING TORQUE & TEST UNIT
								RU FLOOR & TONGS, GET EVERYTHING READY TO TOOH w/ TBG IN THE MORNING
	16:30 - 17:00	0.50	ABANDP	30	I	P		DRAIN UP ALL PUMP & TANK LINES
	17:00 - 17:30	0.50	ABANDP	30	G	P		SWI, SDFN
11/22/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		MORNING SAFETY MEETING/JSA & WALK AROUND *REFER TO SAFETY SECTION FOR REPORT*
	7:00 - 8:00	1.00	ABANDP	30	M	P		GET ALL EQUIPMENT STARTED & WARMED UP
	8:00 - 8:15	0.25	ABANDP	52	I	X		CHECK WELL PRESSURES, TBG PRESSURE @ 649PSI, SICP @ 864PSI, BRADENHEAD PRESSURE @ 52PSI - NO FLUID, OPEN SURFACE CSG VALVE AND LEAVE OPEN ALL DAY, SHUT VALVE WHEN WE GO HOME
	8:15 - 9:00	0.75	ABANDP	30	E	P		RU PUMP LINES & KILL WELL, PUMP 900BBLs OF BIOCIDe WATER DOWN 4-1/2" CSG & 40BBLs DOWN 2.375" TBG w/ NO CIRCULATION, WELL DEAD
	9:00 - 11:00	2.00	ABANDP	31	I	P		UN-LAND TBG @ 40K, TOOH w/ 236JTS OF 2.375" 4.7# J-55 TBG, STAND BACK 226JTS - 113 STANDS & LAY DOWN 10JTS ON TBG TRAILER
								PROG & OPEN WELLS REPORT SHOWED 245JTS, BUT ONLY 236JTS IN WELL
	11:00 - 11:45	0.75	ABANDP	34	I	P		HAVE A QUICK HUDDLE-UP SAFETY MEETING/JSA, RIG UP C&J WIRELINE, RIH w/ 4-1/2" CIBP, CORRELATE TO COLLARS @ 7657' & 7699', SET 4-1/2" CIBP @ 7680', POOH
	11:45 - 12:15	0.50	ABANDP	34	D	P		RIH w/ DUMP BAILER, DUMP BAIL 2SX OF CEMENT ON TOP OF 4-1/2" CIBP @ 7680', POOH
	12:15 - 13:00	0.75	ABANDP	34	I	P		RIH w/ 4-1/2" CIBP, CORRELATE TO COLLARS @ 7082' & 7122', SET 4-1/2" CIBP @ 7100', POOH, RD C&J WIRELINE
	13:00 - 15:00	2.00	ABANDP	31	I	P		TALLY TBG IN HOLE, TIH w/ 2.375" 4.7# J-55 TBG, TAG 4-1/2" CIBP @ 7100' w/ 227JTS, PUH, EOT @ 7098' w/ 227JTS
	15:00 - 15:45	0.75	ABANDP	31	H	P		RU KELLY HOSE & CIRCULATE HOLE CLEAN, CIRCULATE UNTIL NO GAS IS DETECTED

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Event: ABANDONMENT

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/23/2019	15:45 - 16:00	0.25	ABANDP	52	F	P		ESTABLISH RED ZONE, MAKE SURE ALL PERSONNEL & VEHICLES ARE CLEAR OF WELLEAD & PUMP LINES, PRESSURE TEST 4-1/2" CSG & 4-1/2" CIBP TO 1000PSI - HELD 15MINS, BLEED OFF PRESSURE TO OUR WORK TANK
	16:00 - 16:30	0.50	ABANDP	30	I	P		DRAIN UP PUMP & TANK LINES
	16:30 - 17:00	0.50	ABANDP	30	G	P		SWI, SDFN
	6:00 - 7:00	1.00	ABANDP	30	G	P		CREW TRAVEL TO LOCATION, HELD A SAFETY MEETING TO REVIEW JSA AND DAY TASK.
	7:00 - 8:00	1.00	ABANDP	30	M	P		START AND WARM UP EQUIPMENT, TP-0 PSI, CP-0 PSI, SCP-8 PSI, USED AIR TO ENSURE ALL PUMP LINES ARE CLEAR.
	8:00 - 10:30	2.50	ABANDP	51	D	P		MOVE IN SCHLUMBERGER CMT CREW AND WATER HAULER, HELD A SAFETY MEETING, SPOT IN AND RIG UP CENTERS, PRESSURE TEST LINES, MIX AND PUMP 25 SKS OF CMT AT 15.8 PPG 1.53 YIELD, ETOC 6665', STAND BACK 17 STANDS AND L/D 58 JTS, WITH EOT AT 4212' R/U CEMENTERS TO MIX AND PUMP 10 SKS OF CMT AT 15.8 PPG AND 1.53 YIELD, ETOC 4032' RDMO CEMENTERS.
	10:30 - 12:30	2.00	ABANDP	31	I	P		L/D 15 JTS TO 3750', REVERSE CIRCULATE CLEAN, POOH AND L/D REST OF CSG ON TRAILER.
	12:30 - 13:30	1.00	ABANDP	31	Z	P		P/ AND TIH WITH MECHANICAL CUTTER AND 35 JTS OF 2.375 TBG TO 1100', R/U POWER SWIVEL AND CIRCULATING EQUIPMENT, CUT CSG AT 1100', R/D POWER SWIVEL AND TOOH.
	13:30 - 17:00	3.50	ABANDP	31	H	P		R/U CIRCULATING EQUIPMENT, ESTABLISH CIRCULATION AND ROLL GAS AND HEAVY MUD OUT, SWI, DRAIN EQUIPMENT, SDFWE.
	17:00 - 18:00	1.00	ABANDP	30	G			CHANGE CLOTHES AND CREW TRAVEL TO YARD.
11/25/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		MORNING SAFETY MEETING/JSA & WALK AROUND *REFER TO SAFETY SECTION FOR REPORT*
	7:00 - 7:15	0.25	ABANDP	52	I	P		CHECK WELL PRESSURES, SICP @ 0PSI, BRADENHEAD PRESSURE @ 0PSI - NO FLUID, OPEN SURFACE CSG VALVE & LEAVE IT OPEN ALL DAY, SHUT VALVE WHEN WE GO HOME
	7:15 - 7:45	0.50	ABANDP	31	H	P		RU PUMP LINES & CIRCULATE CSG CUT, GOOD CIRCULATION, PUMPING AT 2-2.5BPM @ 200PSI, CLEAN RETURNS, CIRCULATE AROUND 60BBLs
	7:45 - 8:45	1.00	ABANDP	30	F	P		ND BOP & BIRD BATH, PU DOWNHOLE TOOLS' 4-1/2" CSG SPEAR, SPEAR CSG & UNLAND CSG @ 55K, CHANGE OUT PIPE RAMS FOR 4-1/2" CSG, FUNCTION TEST, NU Q-92 FLANGE & CHANGE OVER SPOOL, NU BOP & BIRD BATH, RU FLOOR & TONGS, CHANGE TBG EQUIPMENT OVER FOR 4-1/2" CSG

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	8:45 - 10:15	1.50	ABANDP	31	I	P		TOOH, LAY DOWN 27JTS OF 4-1/2" 11.6# J-55 CSG ON CSG TRAILER, CHANGE OVER PIPE RAMS FOR 2.375" TBG, FUNCTION TEST, CHANGE TBG EQUIPMENT OVER FOR 2.375" TBG, TIH w/ 2.375" 4.7# J-55 TBG, EOT @ 1160' w/ 37JTS *JAY CHANDLER STOPPED BY LOCATION TO OBSERVE OUR P&A OPERATIONS* **BOP DRILL - 0:57**
	10:15 - 11:30	1.25	ABANDP	31	H	P		RU KELLY HOSE & ESTABLISH CIRCULATION w/ RIG PUMP, GOOD CIRCULATION, PUMPING AT 2-2.5BPM @ 200PSI, CIRCULATION IS CLEAN FROM THE START & THERE IS NO GAS DETECTED, CIRCULATE AROUND 180BBLs
	11:30 - 12:15	0.75	ABANDP	51	D	P		4-1/2" CSG CUT @ 1100', EOT @ 1160' w/ 37JTS OF 2.375" 4.7# J-55 TBG, HAVE A QUICK HUDDLE-UP SAFETY MEETING/JSA, GET SCHLUMBERGER CEMENTERS RIGGED BACK UP, PUMP 10BBLs OF CHEM-WASH FOLLOWED BY A 5BBL FRESH WATER SPACER, PRESSURE TEST PUMP LINES TO 1500PSI - HELD, PUMP 133SX(27.4BBLs) OF 15.8# 1.16 YIELD CLASS G CEMENT FOLLOWED BY 3BBLs OF FRESH WATER DISPLACEMENT, GOOD CIRCULATION THROUGHOUT CEMENT JOB, PUMP CEMENT AT 2-2.5BPM @ 300PSI, RIG SCHLUMBERGER OFF OF TBG *ESTIMATED CEMENT FROM 880'-1160**
	12:15 - 16:00	3.75	ABANDP	31	I	P		PUH, LAY DOWN 9JTS ON TBG TRAILER, EOT @ 880' w/ 28JTS, RU SCHLUMBERGER & HAVE THEM CIRCULATE HOLE CLEAN WHILE THEY WASH UP, RIG DOWN SCHLUMBERGER CIRCULATE & FILL HOLE w/ 10# MUD FROM 880' TO SURFACE, RD PUMP LINES & TOOH, STAND BACK ALL 28JTS - 14 STANDS IN DERRICK, CLEAN OUT MUD TANK
	16:00 - 17:30	1.50	ABANDP	30	I	P		DRAIN UP PUMP & TANK LINES, TARP UP PUMP & WELLHEAD, GET RIG HEATER HOSE READY FOR IN THE MORNING
	17:30 - 18:00	0.50	ABANDP	30	G	P		SWI, SDFN
11/27/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		MORNING SAFETY MEETING/JSA & WALK AROUND *REFER TO SAFETY SECTION FOR REPORT*
	7:00 - 9:00	2.00	ABANDP	30	M	P		GET EQUIPMENT STARTED & WARMED UP
	9:00 - 9:15	0.25	ABANDP	52	I	P		CHECK WELL PRESSURES,
	9:15 - 10:00	0.75	ABANDP	31	I	P		TIH w/ 2.375" 4.7# J-55 TBG, TAG TOC @ 890' w/ 29JTS, PUH & LAY DOWN TOP JOINT, MAKE UP & TIH w/ 8' TBG SUB, EOT @ 890' w/ 28JTS + 8' TBG SUB

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12/2/2019	10:00 - 11:30	1.50	ABANDP	51	D	P		EOT @ 890' w/ 28JTS + 8' TBG SUB OF 2.375" 4.7# J-55 TBG, HAVE A QUICK HUDDLE-UP SAFETY MEETING/JSA, GET SCHLUMBERGER CEMENTERS RIGGED BACK UP, PUMP 10BBLS OF CHEM-WASH FOLLOWED BY A 5BBL FRESH WATER SPACER, PRESSURE TEST PUMP LINES TO 2500PSI - HELD, PUMP 145SX(30BBLS) OF 15.8# 1.16 YIELD CLASS G CEMENT FOLLOWED BY 1.5BBLS OF FRESH WATER DISPLACEMENT, GOOD CIRCULATION THROUGHOUT CEMENT JOB, PUMP CEMENT AT 2BPM @ 200PSI, RIG SCHLUMBERGER OFF OF TBG
	11:30 - 13:00	1.50	ABANDP	31	I	P		*ESTIMATED CEMENT FROM 539'-890* PUH, LAY DOWN 8' TBG SUB & 25JTS ON TBG TRAILER, EOT @ 100' w/ 3JTS, RU SCHLUMBERGER & HAVE THEM CIRCULATE HOLE CLEAN WHILE THEY WASH UP, RIG DOWN SCHLUMBERGER, TOO & LAY DOWN REMAINING 3JTS OF TBG
								36JTS OF 2.375" 4.7# J-55 TBG & 27JTS OF 4-1/2" 11.6# CSG ON TRAILER, ALL TBG & CSG HAS BEEN NORM TESTED
	13:00 - 13:30	0.50	ABANDP	30	I	P		DRAIN UP PUMP & TANK LINES
	13:30 - 14:00	0.50	ABANDP	30	G	P		SWI, SDFN
	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		MORNING SAFETY MEETING/JSA & WALK AROUND
	7:00 - 8:30	1.50	ABANDP	30	M	P		*REFER TO SAFETY SECTION FOR REPORT*
	8:30 - 8:45	0.25	ABANDP	52	I	P		GET ALL EQUIPMENT STARTED & WARMED UP
								CHECK WELL PRESSURES, BRADENHEAD PRESSURE @ 0PSI - NO FLUID, OPEN SURFACE CSG VALVE AND LEAVE OPEN ALL DAY, SHUT VALVE WHEN WE GO HOME
	8:45 - 9:30	0.75	ABANDP	31	I	P		TIH w/ 2.375" 4.7# J-55 TBG, TAG TOC @ 476' w/ 15JTS, TOO & LAY DOWN ALL TBG
	9:30 - 10:00	0.50	ABANDP	52	F	P		ESTABLISH RED ZONE, MAKE SURE ALL PERSONNEL & VEHICLES ARE CLEAR OF WELLHEAD & PUMP LINES, PRESSURE TEST SURFACE CSG TO 500PSI - FAILED, WELLHEAD LEAKING
								TIGHTEN UP WELLHAD & RE-TEST, PRESSURE TEST SURFACE CSG TO 500PSI - HELD 15MINS, BLEED OFF PRESSURE TO OUR WORK TANK
	10:00 - 10:30	0.50	ABANDP	31	I	P		TIH w/ TBG, EOT @ 160' w/ 5JTS

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	10:30 - 11:15	0.75	ABANDP	51	D	P		EOT @ 160' w/ 5JTS OF 2.375" 4.7# J-55 TBG, HAVE A QUICK HUDDLE-UP SAFETY MEETING/JSA, PUMP 5BBLs OF FRESH WATER AHEAD TO ESTABLISH CIRCULATION & FILL LINES, PRESSURE TEST PUMP LINES TO 1000PSI - HELD, PUMP 60SX(12.4BBLs) OF 15.8# 1.16 YIELD CLASS G CEMENT FOLLOWED BY 1BBL OF FRESH WATER DISPLACEMENT, GOOD CIRCULATION THROUGHOUT CEMENT JOB, PUMP CEMENT AT 2BPM @ 200PSI, RIG SCHLUMBERGER OFF OF TBG *ESTIMATED CEMENT FROM 10'-160'* **WE DID GET CEMENT BACK TO SURFACE**
	11:15 - 13:00	1.75	ABANDP	31	I	P		TOOH, LAY DOWN ALL TBG, TIH w/ 2.375" TBG SUBS, EOT @ 10', RU SCHLUMBERGER & HAVE THEM WASH UP WHILE THEY CIRCULATE HOLE CLEAN w/ 20BBLs OF FRESH WATER, RD SCHLUMBERGER & TOOH, LAY DOWN TBG SUBS
	13:00 - 13:30	0.50	ABANDP	30	C	P		DRAIN UP PUMP & TANK LINES
	13:30 - 14:00	0.50	ABANDP	30	G	P		SWI, SDFN
12/3/2019	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		MORNING SAFETY MEETING/JSA & WALK AROUND *REFER TO SAFETY SECTION FOR REPORT*
	7:00 - 7:15	0.25	ABANDP	52	I	X		CHECK WELL PRESSURES, BRADENHEAD PRESSURE @ 188PSI - NO FLUID, OPEN SURFACE CSG VALVE AND LEAVE OPEN ALL DAY, SHUT VALVE WHEN WE GO HOME
	7:15 - 7:30	0.25	ABANDP	31	I	P		BLEED OFF PRESSURE & TIH w/ 2.375" 4.7# J-55 TBG, TAG TOC @ 10' w/ 1JT, TOOH, LD TBG
	7:30 - 9:00	1.50	ABANDP	46	A	P		WAITING ON APC
	9:00 - 12:00	3.00	ABANDP	30	C	P		RDMO BASIC #1662, CLEAN UP LOCATION, MOVE TO THE DOUTHIT 16C-27HZ *JAY CHANDLER STOPPED BY LOCATION TO OBSERVE OUR P&A OPERATIONS*
8/11/2020	10:00 - 10:15	0.25	ABANDP	48	B	P		HELD SAFETY MEETING. DISCUSS RIGGING UP OPERATIONS. MOVING HEAVY HARDLINES. USING SPOTTERS WHILE BACKING ANY EQUIPMENT OR VEHICAL. USING HAMMERS, RED ZONE. SUSPENDED LOADS. NIPPLE UP BOP'S, USE TAG LINES. HOT WEATHER, STAYING HYDRATED.
	10:15 - 11:30	1.25	ABANDP	30	A	P		MIRU RES 5534. PERFORM MONTHLY INSPECTION ON RIG AND EQUIPMENT. MOVE HARDLINE FROM 31-22 TO 32-22. INSTALL RESTRAINTS.
	11:30 - 12:30	1.00	ABANDP	46	E	PT		OPEN INSPECTION, CREW FOUND FRADE TONG LINE. REPLACED TONG LINE.
	12:30 - 14:00	1.50	ABANDP	30	F	P		SISC 180PSI, LEL OL. BLED DOWN WELL IN 10SEC. ND 11" 3K X 7-1/16" X 5K AMACO WELLHEAD. NU KLX 11" 3K X 9" XK DSA. NU KLX 9" DBL GATE BOP LOADED WITH BLINDS AND 2-3/8" PIPE RAMS. NU 9" X 5K MUD CROSS. NU 9" HYDRILL BAG WITH OXY ELIMENT. TORQUE TO SPECS. FUNTION TEST BOP, PIPE AND BLINDS.

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	14:00 - 14:30	0.50	ABANDP	31	1	P		RU WORKFLOOR, HANDRAILS, TONGS AND SLIPS.
	14:30 - 15:00	0.50	ABANDP	30	K	P		SHUT AND LOCK IN BLIND RAMS. SUCURE VALVES ON WELL, PUMP AND TANK.
	15:00 - 15:30	0.50	ABANDP	30	G	P		TRAVEL TO YARD.
8/12/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 6:45	0.25	ABANDP	48	B	P		HELD SAFETY MEETING. DISCUSS SAFE DISTANCING, EMERGENCY CONTACTS, WIND DIRECTION AND MUSTAR AREA. DISCUSS DAILY OPERATIONS. DRILLING OUT CEMENT WITH POER SWIVEL, ROTATING EQUIPMENT, PINCH POINTS, CRUSH POINTS. DISCUSS ORGANIZING PIPE TRAILER SO WE WILL HAVE GOOD WOLKING SURFACES. DISCUSS MAKEING SWIVEL CONNECTIONS, PERSON IN CHARGE, GOOD COMMUNICATION. VALVE ALIGNMENT, HIGH PRESSURE LINES. TANK VOLUME.
	6:45 - 7:00	0.25	ABANDP	33	G	P		SISC 131PSI W/ OL LEL. BLED OFF IN 10SEC. SERVICE RIG AND EQUIPMENT.
	7:00 - 8:00	1.00	ABANDP	31	1	P		CLEAR TBG TONGS OFF WORKFLOOR. CLEAR OFF TRIPPING HAZARDS. RU 95K POWER SWIVEL. HANG SWIVEL HOSES.
	8:00 - 9:20	1.33	ABANDP	44	A	P		MAKE UP 7.88 DRAG BIT UP ON X-OVER AND MOTOR. MAKE UP XRV AND X-OVER BACK TO 2-7/8" PAC. MU ON POWER SWIVEL. TAG TOP OF CEMENT WITH 3' AJUSTED KB 5'. CLOSE HYDRILL BAG. ADJUST TO 750LB. LUBE TOP OF BAG WITH LUBRICANT.
								LENGTH
								OD ID
								7.88" DRAG BIT 2ND RUN 0.480
								7.88
								3 1/2"REG X 2-3/8" PAC 1.500
								4.250 1.38
								2.88 MOTOR 13.730
								2.880
								XRV G3 2.5-30BPM 2.240
								2.880 1.00
								BACK PRESSURE VALVE 1.440
								2.880 1.00
								2-7/8" PAC X 2-3/8" PAC 0.410
								3.130 1.250 6-3-1/8" DRILL COLLARS
								186.61 3.180 1.350
								ADJUSTED KB = 3.00
								BHA = 209.41

US ROCKIES REGION
Operation Summary Report

Well: ROBERTS 32-22		Spud date: 7/6/2006	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERTS 5-22 PAD		Rig name no.: RANGER 34/34, BASIC 1662/1662
Event: ABANDONMENT	Start date: 8/11/2020		End date: 9/2/2020
Active datum: RKB @4,912.00usft (above Mean Sea Level)		UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	9:20 - 16:12	6.87	ABANDP	44	A	P		DRILL OUT CEMENT IN 8-5/8" 24# CASING. DEPTH START STOP MIN CONN 5.00 - 22.80 0920 - 0940 20 15MIN 22.80-54.16 0955 - 1038 43 29MIN CHANGED OUT SWIVEL SUBS 54 - 85 1107-1124 17 9MIN 85 - 116 1133-1157 24 6MIN 116 - 148 1203-1220 17 6MIN 148 - 179 1226-1232 6 6MIN-FELL OUT AT 154' 179 - 209 1238-1244 6 6MIN SLIDE PIPE, NO CMT 209 - 240 1248-1250 2 3MIN SLIDE PIPE NO CMT 240 - 272 1253-1303 10 3MIN CMT STREAMER 262'-272'. 272 - 303 1308-1320 17 5MIN CMT STREAMER 290'-298'. 303 - 335 1317-1322 13 3MIN SLIDE PIPE NO CMT, CIR 335 - 367 1325-1338 13 3MIN SLIDE PIPE NO CMT ,CIR 367 - 398 1341-1356 15 3MIN 398 - 432 1359-1408 9 3MIN 432 - 463 1410-1412 2 2MIN 463 - 495 1415-1435 20 3MIN HIT CMT AT 474'-495 495 - 427 1439- 1524 45 4MIN GOOD HARD CMT 427 - 558 1527-1612 45 3MIN HARD CMT RPM=300 PUMP RATE=2.5 PUMP PRESSURE=950 CIRC PRESSURE=250 WEIGHT ON BIT 2500K
	16:12 - 16:45	0.55	ABANDP	31	H	P		CIRCULATE CLEAN AT 2.5BPM AT 950PSI.
	16:45 - 17:00	0.25	ABANDP	30	K	P		SHUT KELLY VALVE. PULL SWIVEL UP 15'. EOT 533'. CLOSE 2-3/8" PIPE RAMS. SECURE CASING VALVES. SECURE PUMP AND TANK.
	17:00 - 17:30	0.50	ABANDP	30	G	P		TRAVEL TO YARD.
8/13/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 6:45	0.25	ABANDP	48	B	P		HELD SAFETY MEETING WITH CREW AND THRU TUBING SOLUTION. DISCUSS SAFE DISTANCING, EMERGENCY CONTACTS, WIND DIRECTION AND MUSTER AREA. DISCUSS DAILY OPERATIONS. DRILLING OUT CEMENT, ROTATING EQUIPMENT, PRESSURIZED LINES, VALVE ALIGNMENT. DISCUSS WELL CONTROL. TALKED ABOUT HOLE VOLUMES, WATCHING FOR LEL'S ON WORK TANK. NO CELL PHONE ON WORK TANK. HOT WEATHER, STAYING HYDRATED.

US ROCKIES REGION
Operation Summary Report

Well: ROBERTS 32-22		Spud date: 7/6/2006	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERTS 5-22 PAD		Rig name no.: RANGER 34/34, BASIC 1662/1662
Event: ABANDONMENT	Start date: 8/11/2020		End date: 9/2/2020
Active datum: RKB @4,912.00usft (above Mean Sea Level)		UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	6:45 - 7:00	0.25	ABANDP	33	G	P		SISC 67.7PSI. SITP 1PSI. WATER IN STACK TO CHECK FOR LEL'S. SERVICE RIG AND EQUIPMENT. OPEN WELL.
	7:00 - 11:20	4.33	ABANDP	44	A	P		LOWER SWIVEL DOWN AND TAG NO FILL AT 558'. BRING RATE UP ON PUMP TO 2.3BPM AT 1250PSI. INTRODUCE 5GAL FR TO WORK TANK SUCTION
								DEPTH START/STOP TIME CONN 558' - 590' 0709 - 0752 43MIN ADD 5GAL FR 590' - 622' 0755 - 0837 42MIN 3MIN 622' - 653' 0841 - 0918 37MIN 4MIN ADD 1GAL SWEEP 653' - 685' 0921 - 1008 47MIN 3MIN 885' - 716' 1011 - 1120 81MIN RPM=300 PUMP RATE=2.3 PUMP PRESSURE=1500 CIRC PRESSURE=250 WEIGHT ON BIT 2500K
	11:20 - 12:14	0.90	ABANDP	30	F	P		DUE TO HIGH ACCUMULATOR PRESSURE AT 1400PSI TO KEEP FLUID FROM LEAKING OUT TOP OF BAG. STRIP ON AND INSTALL 9" WASHINGTON HEAD.
	12:14 - 14:54	2.67	ABANDP	44	A	P		DEPTH START/STOP TIME CONN 716' - 748' 1214-1319 65MIN 3MIN 748' - 780' 1322-1454 92MIN RPM=320 PUMP RATE=2.5 PUMP PRESSURE=1450 CIRC PRESSURE=250 WEIGHT ON BIT 2000K
	14:54 - 15:30	0.60	ABANDP	31	H	P		CIRCULATE AT 2.5BPM AT 1500PSI. BOTTOMS UP 45BBLs.
	15:30 - 16:00	0.50	ABANDP	31	I	P		RO XK-90 POWER SWIVEL. RU TBG EQUIPMENT.
	16:00 - 16:45	0.75	ABANDP	31	I	P		TOH WITH 18JTS 2-3/8" N-80 4.7# TBG TO DERRICK. STAND BACK 6 JTS 3-1/8" DRILL COLLARS=3 STDS. BREAK OFF 7-7/8" DRAG BIT. INSPECT 2.88 MOTOR.
	16:45 - 17:15	0.50	ABANDP	31	I	P		MU 7-7/8" SEAL BEARING NEW TRI CONE BIT. BIT SUB MADE UP IN SHOP 8500LB. TIH WITH 3 STANDS 3-1/8" DRILL COLLAR AND 8 STANDS 2-3/8" TBG.EOT 716'. CASING SHOE AT 756'.
	17:15 - 17:30	0.25	ABANDP	30	K	P		SHUT WELL IN ON PIPE RAMS. INSTALL TIW VALVE IN TBG WITH NIGHT CAP. SECURE CASING, PUMP AND TANK VALVES.
	17:30 - 18:00	0.50	ABANDP	30	G	P		TRAVEL TO YARD.
8/14/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.

US ROCKIES REGION
Operation Summary Report

Well: ROBERTS 32-22		Spud date: 7/6/2006	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERTS 5-22 PAD		Rig name no.: RANGER 34/34, BASIC 1662/1662
Event: ABANDONMENT	Start date: 8/11/2020		End date: 9/2/2020
Active datum: RKB @4,912.00usft (above Mean Sea Level)		UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	6:30 - 6:45	0.25	ABANDP	48	B	P		HELD SAFETY MEETING WITH CREW AND THRU TUBING SOLUTION. DISCUSS SAFE DISTANCING, EMERGENCY CONTACTS, WIND DIRECTION AND MUSTER AREA. DISCUSS DAILY OPERATIONS. DRILLING OUT CEMENT, ROTATING EQUIPMENT, PRESSURIZED LINES, VALVE ALIGNMENT. DISCUSS WELL CONTROL. TALKED ABOUT HOLE VOLUMES, WATCHING FOR LEL'S ON WORK TANK. NO CELL PHONE ON WORK TANK. HOT WEATHER, STAYING HYDRATED.
	6:45 - 7:00	0.25	ABANDP	33	G	P		SISC 46.4PSI. OPEN WELL. SERVICE RIG AND EQUIPMENT.
	7:00 - 7:30	0.50	ABANDP	31	1	P		RU XK-90 POWER SWIVEL.
	7:30 - 7:45	0.25	ABANDP	44	A	P		MAKE TWO CONNECTIONS. TAG FILL AT 774'. CIR DOWN TO 780'.
	7:45 - 16:05	8.33	ABANDP	44	A	P		DRILL OUT CEMENT WITH 7-7/8" SEAL BEARING TRI CONE BIT, 2.88 MOTOR WITH XRV. DEPTH START/STOP TIME CONN 780' - 812' 0745-0921 36MIN 812' - 843' 0929-1112 73MIN 6MIN DUMP GAL GAL FR 843 - 875 1118-1230 72MIN 3MIN 875 - 907' 1233-1335 62MIN 3MIN DUMP 1GAL SWEEP 907' - 938' 1338-1440 62MIN 4MIN 938' - 970' RPM=320 PUMP RATE=2.5 PUMP PRESSURE=1450 CIRC PRESSURE=250 WEIGHT ON BIT 4000K
	16:05 - 16:35	0.50	ABANDP	31	1	P		RO XK-90 POWER SWIVEL. RU TBG EQUIPMENT.
	16:35 - 16:45	0.17	ABANDP	31	I	P		TOH WITH 8JTS 2-3/8" N-80 TBG TO DERRICK.
	16:45 - 17:00	0.25	ABANDP	30	K	P		CLOSE WELL IN ON 2 3/8" PIPE RAMS. INSTALL TIW VALVE IN TBG WITH NIGHT CAP. SECURE CASING, PUMP AND TANK VALVES. DRESS OUT FOR TRAVEL.
	17:00 - 17:30	0.50	ABANDP	30	G	P		TRAVEL TO YARD.
8/17/2020	6:00 - 6:30	0.50				P		TRAVEL TO LOCATION.
	6:30 - 6:45	0.25				P		HELD SAFETY MEETING. DISCUSS SAFE DISTANCING. DISCUSS EMERGENCY CONTACTS, MUSTER AREA 1 & 2. DISCUSS DAILY OPERATIONS, USEING POWER SWIVEL, ROTATING EQUIPMENT, MAKEING CONNECTIONS OFF TRAILER, DISCUSS TRIPPING HAZARDS, HOUSE KEEPING, GOOD COMMUNICATION, PINCH POINTS. STOP AND THINK.
	6:45 - 7:00	0.25				P		SISC 97.7PSI, LEL OL. OPEN WELL. SERVICE RIG AND EQUIPMENT.
	7:00 - 7:30	0.50				P		TIH WITH 6JTS 2-3/8" N-80 TBG. TAG AT 860'. UNABLE TO GET PAST BAD SPOT WITH TBG TONGS ROTATING TBG. TOH LD 3JTS ON TRAILER. TIH WITH 2JTS OUT OF DERRICK.18JTS IN HOLE PLUS BHA.

US ROCKIES REGION
Operation Summary Report

Well: ROBERTS 32-22

Spud date: 7/6/2006

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERTS 5-22 PAD

Rig name no.: RANGER 34/34, BASIC 1662/1662

Event: ABANDONMENT

Start date: 8/11/2020

End date: 9/2/2020

Active datum: RKB @4,912.00usft (above Mean Sea Level)

UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:30 - 8:00	0.50				P		RO TBG EQUIPMENT. RU XK-90 POWER SWIVEL.
	8:00 - 8:20	0.33				P		DRESS UP TIGHT SPOT AT 860'. CONTINUE SWIVELING IN TO 970'.
	8:20 - 14:38	6.30				P		DRILL OUT CMT WITH 7-7/8" TRI CONE BIT 970'-1105'. DEPTH START/STOP MIN CONN 970' - 1001' 0821-1012 111 4MIN 1001' - 1033' 1016-1144 88 5MIN 1033' - 1065' 1149-1302 73 2MIN 1065' - 1095' 1304-1409 65 4MIN 1095' - 1105' 1413-1438 35 FOUND TOP OF 4-1/2" CSG 1105'. RPM=320 PUMP RATE=2.5 PUMP PRESSURE=1450 CIRC PRESSURE=250 WEIGHT ON BIT 4000K
	14:38 - 15:40	1.03				P		CIR 2X HOLE VOLUM. 64.4BBLS HOLE VOLUM. PUMP 130BBLS.
	15:40 - 16:20	0.67				P		RO XK-90 POWER SWIVEL ON TRAILER. RU TBG EQUIPMENT.
	16:20 - 17:15	0.92				P		LD JT # 29. TOH STANDING BACK 28JTS 2-3/8" N-80 4.7# TBG TO DERRICK.. LD 6, 3-1/8" DRILL COLLARS ON TRAILER. LD TTS 2.88 MOTOR AND XRV. LOAD OUT 7-7/8" DRILL BIT. BIT STILL IN GOOD CONDITION.
	17:15 - 17:30	0.25				P		SECURE WELL ON BLIND RAMS. SECURE CASING, PUMP AND TANK VALVES. DRESS OUT FOR TRAVEL.
	17:30 - 18:00	0.50				P		TRAVEL TO YARD.
8/18/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 6:45	0.25	ABANDP	48	B	P		HELD SAFETY MEETING. DISCUSS SAFET DISTANCING, MUSTAR AREA 1 & 2. EMERGENCY CONTACTS AND DESIGNATED DRIVER. DISCUSS DAILY OPERATIONS AND HAZARDS ASSOCIATED WITH THEM. DISCUSS ND BOP'S, PINCH POINTS, GOOD COMMUNICATION, RIGGING OF SLINGS, INSPECTION OF SLINGS. USE OF SPOTTERS AND TAG LINES.
	6:45 - 7:00	0.25	ABANDP	33	G	P		SISC .3PSI, LEL OL. OPEN WELL. SERVICE RIG AND EQUIPMENT.
	7:00 - 7:30	0.50	ABANDP	31	1	P		RO TBG TONG, SLIP, HANDRAILS AND WORKFLOOR.
	7:30 - 9:00	1.50	ABANDP	30	J	P		ND 9" HYDRILL BAG AND DBL GATE BOP. NU 11" X 3K X 7-1/16" X 5K BOP.
	9:00 - 9:30	0.50	ABANDP	31	1	P		RU WORKFLOOR, HANDRAILS, TBG TONGS AND SLIPS.
	9:30 - 10:00	0.50	ABANDP	31	I	P		PU 8' PERF SUB W/BULL PLUG. TIH W/ 34JTS 2-3/8" N-80 TBG. EOT 1100'.
	10:00 - 11:00	1.00	ABANDP	31	H	P		HOOK UP KELLY. TURN HOLE OVER WITH 130BBLS FRESH BIO WATER. 2X HOLE VOLUM.

US ROCKIES REGION
Operation Summary Report

Well: ROBERTS 32-22		Spud date: 7/6/2006	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERTS 5-22 PAD		Rig name no.: RANGER 34/34, BASIC 1662/1662
Event: ABANDONMENT	Start date: 8/11/2020		End date: 9/2/2020
Active datum: RKB @4,912.00usft (above Mean Sea Level)		UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:00 - 11:25	0.42	ABANDP	31	I	P		TOH STANDING BACK 10 JTS IN DERRICK AND LD 1-JT 2-3/8" N-80 TBG. EOT 732'
	11:25 - 11:40	0.25	ABANDP	48	B	P		HELD SAFETY MEETING WITH RIG AND SWAB CREW. DISCUSS SAFE DISTANCING, EMERGENCY CONTACTS, MUSTER AREAS. DISCUSS USING SPOTTERS FOR BACKING, PINCH POINTS, PRESSUREIZED LINES. FLUID MANAGMENT, TANK GAUGING, GOOD COMMUNICATION, STOP AND THINK.
	11:40 - 12:15	0.58	ABANDP	42	A	P		WITH USE OF SPOTTERS. SPOT IN QUTIPP SWAB UNIT. RIG UP SWAB RIG.
	12:15 - 16:30	4.25	ABANDP	42	A	P		SWAB THROUGH 2.875 TBG. MAKEING SWAB RUNS FROM 600'. SWABBED A TOTAL OF 18BBLS FLUID OUT OF 8-5/8" CASING. FLUID LEVEL 308'. RIG OUT SWAB RIG.
	16:30 - 17:00	0.50	ABANDP	30	K	P		CLOSE IN ON 2-3/8" PIPE RAMS. SECURE PUMP, WELL AND TANK VALVES. INSTALL TIW VALVE IN TBG WITH NIGHT CAP.
	17:00 - 17:30	0.50	ABANDP	30	G	P		TRAVEL TO YARD.
8/19/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 6:45	0.25	ABANDP	48	B	P		HELD SAFETY MEETING. DISCUSS SAFE DISTANCING, EMERGENCY CONTACTS AND MUSTER AREAS. DISCUSS DAILY OPERATIONS. DISCUSS TRIPPING TBG, ROTATING EQUIPMENT, PINCH POINTS, HOUSE KEEPING. DISCUSS HOT WEATHER AND AFTERNOON STORMS. PUMPING OPERATIONS, VALVE ALIGNMENT, HIGH PRESSURE, TANK READINGS. DISCUSS BOP OPERATIONS, MAKEING SURE EQUEMULATOR IS CHARGED UP. DISCUSS NITROGEN SHUT IN.
	6:45 - 7:00	0.25	ABANDP	33	G	P		SISC 13PSI, LEL OL. OPEN WELL. SERVICE RIG AND EQUIPMENT.
	7:00 - 7:20	0.33	ABANDP	31	I	P		PU 6', 8' 2-3/8" N-80 PUP JTS. TIH WITH 34 JTS 2-3/8" N-80 4.7# TBG TO 1096'.
	7:20 - 10:00	2.67	ABANDP	31				CIRCULATE DOWN TBG UP CASING 4BPM AT 200PSI. PUMP A TOTAL OF 560BBLS. 9x HOLE VOLUM.
	10:00 - 10:15	0.25	ABANDP	48	B	P		HELD SAFETY MEETING WITH RIG AND CEMENT CREW. DISCUSS SAFE DISTANCING, MUSTER AREAS 1 & 2. DISCUSS CEMENTING OPERATIONS, USING SPOTTERS, HIGH PRESSURE LINES, LINE LEAK, INCASING CEMENT GETS IN EYES, WASH STATION, SPILL PREVENTION, EYES ON.
	10:15 - 10:26	0.18	ABANDP	51	E	P		WITH USE OF SPOTTERS, SPOT IN PUMP AND BULK, WATER TRUCKS. RUN LINE AND INSTALL RESTRAINTS. PRIME PUMP.
	10:26 - 10:56	0.50	ABANDP	51	D	P		PRESSURE TEST LINES TO 2500PSI. PUMP 5BBLS FRESH WATER AHEAD. MIX AND PUMP 50SKS 11BBLS CLASS G AT 15.8PPG, 1.22 YIELD, 5.35 MIX WATER, 0.4% LATEX, 1% CALC2, 4% GYPSUM. DISPLACE W/ 3BBLS FRESH WATER.
	10:56 - 11:15	0.32	ABANDP	31	I	P		VAIRIFY OPSI. BREAK OFF HES CEMENTERS. TOH LD 5JTS 2-3/8" TBG AT 1MIN PER JT. EOT 940'. HOOK UP KELLY.

US ROCKIES REGION
Operation Summary Report

Well: ROBERTS 32-22		Spud date: 7/6/2006	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERTS 5-22 PAD		Rig name no.: RANGER 34/34, BASIC 1662/1662
Event: ABANDONMENT	Start date: 8/11/2020		End date: 9/2/2020
Active datum: RKB @4,912.00usft (above Mean Sea Level)		UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:15 - 11:20	0.08	ABANDP	31	H	P		HOOK UP CEMENTERS TO SC. REVERSE CIR 12BBLs. EST 1/2BBL CEMENT BACK TO TANK. BREAK OUT HES CEMENTERS.
	11:20 - 11:30	0.17	ABANDP	31	I	P		LD JT #29. TOH STANDING BACK 28JTS TBG. CLOSE BLIND RAMS. APPLY 200PSI TO CASING.
	11:30 - 12:30	1.00	ABANDP	33	G	P		WITH 200PSI APPLIED TO CASING. IN ONE HOUR LOST 50PSI. BLEED DOWN TO TANK. RELEASED CREW AT 12:30 CREW TRAVEL 12:30-13:00
	12:30 - 15:00	2.50	ABANDP	33	G	P		WITH WELL OPEN TO TANK MONITOR WELL. SHUT WELL IN AT 1430HRS.
8/20/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 6:45	0.25	ABANDP	48	B	P		HELD SAFETY MEETING. DISCUSS SAFE DISTANCING, EMERGENCY CONTACTS AND MUSTER AREAS. DISCUSS DAILY OPERATIONS. DISCUSS TRIPPING TBG, ROTATING EQUIPMENT, PINCH POINTS, HOUSE KEEPING. DISCUSS HOT WEATHER AND AFTERNOON STORMS. PUMPING OPERATIONS, VALVE ALIGNMENT, HIGH PRESSURE, TANK READINGS. DISCUSS BOP OPERATIONS, MAKEING SURE EQUUMULATOR IS CHARGED UP. DISCUSS NITROGEN SHUT IN.
	6:45 - 7:00	0.25	ABANDP	33	G	P		SISC 0PSI, LEL 0. OPEN WELL. SERVICE RIG AND EQUIPMENT.
	7:00 - 7:19	0.33	ABANDP	31	I	P		TIH WITH 28JTS OUT OF DERRICK. PU 2-JTS TAG TOC ON JT #30 WITH COLLAR AT SLIPS 952'.
	7:20 - 10:00	2.67	ABANDP	31				CIRCULATE DOWN TBG UP CASING 2.5BPM AT 200PSI. PUMP A TOTAL OF 350BBLs. 5.7x HOLE VOLUM.
	10:00 - 10:15	0.25	ABANDP	48	B	P		HELD SAFETY MEETING WITH RIG AND CEMENT CREW. DISCUSS SAFE DISTANCING, MUSTER AREAS 1 & 2. DISCUSS CEMENTING OPERATIONS, USEING SPOTTERS, HIGH PRESSURE LINES, LINE LEAK, INCASING CEMENT GETS IN EYES, WASH STATION, SPILL PREVENTION, EYES ON.
	10:15 - 10:25	0.18	ABANDP	51	E	P		WITH USE OF SPOTTERS, SPOT IN PUMP AND BULK, WATER TRUCKS. RUN LINE AND INSTALL RESTRAINTS. PRIME PUMP.
	10:26 - 10:42	0.27	ABANDP	51	D	P		PRESSURE TEST LINES TO 3000PSI. PUMP 5BBLs FRESH WATER AHEAD. PUMP 10BBLs MUD FLUSH, MIX AND PUMP 87.5SKS 19BBLs CLASS G AT 15.8PPG, 1.22 YIELD, 5.35 MIX WATER, 0.4% LATEX, 1% CALC2, 4% GYPSUM. DISPLACE W/ 2.5BBLs FRESH WATER. CMT F/950'-661'.
	10:42 - 10:55	0.22	ABANDP	31	I	P		VAIRIFY OPSI. BREAK OFF HES CEMENTERS. TOH LD 9JTS 2-3/8" TBG AT 1MIN PER JT. EOT 668'. HOOK UP KELLY.

US ROCKIES REGION
Operation Summary Report

Well: ROBERTS 32-22

Spud date: 7/6/2006

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERTS 5-22 PAD

Rig name no.: RANGER 34/34, BASIC 1662/1662

Event: ABANDONMENT

Start date: 8/11/2020

End date: 9/2/2020

Active datum: RKB @4,912.00usft (above Mean Sea Level)

UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	10:55 - 11:18	0.38	ABANDP	51	D	P		MIX AND PUMP 87.5SKS 19.1BBLS CLASS G AT 15.8PPG, 1.22 YIELD, 5.35 MIX WATER, 0.4% LATEX, 1% CALC2, 4% GYPSUM. FRESH WATER. CMT F/650'-373'. WHILE PUMPING CMT RELEASE LINE WAS LEFT OPEN CAUSING APPROXIMATELY 7BBLS OF CEMENT TO BE PUMPED BACK INTO DISPLACEMENT TANK.AFTER IT WAS NOTICED RELEASE LINE WAS CLOSED AND SWITCHED TO THE DISPLACEMENT TANK FOR MIX WATER TO TRY TO GET AS MUCH CEMENT INTO THE WELL AS POSSIBLE. DENSITY OF ALL FLUID GOING DOWNHOLE WAS MAINTAINED AT 15.8PPG. DISPLACE W/ 1.5BBLS FRESH WATER.
	11:18 - 11:38	0.33	ABANDP	31	I	P		VAIRIFY OPSI. BREAK OFF HES CEMENTERS. TOH LD 11JTS 2-3/8" TBG AT 1MIN PER JT. STD BACK 10JTS.
	11:38 - 12:00	0.37	ABANDP	30	K	P		SWI ON BLIND RAMS. SECURE WELL, PUMP AND TANK.
	12:00 - 12:30	0.50	ABANDP	51	E	P		RO HES CEMENT EQUIPMENT.
	12:30 - 13:00	0.50	ABANDP	30	G	P		TRAVEL TO YARD.
8/21/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION.
	6:30 - 6:45	0.25	ABANDP	48	B	P		HELD SAFET MEETING. DISCUSS SAFE DISTANCING, EMERGENCY CONTACTS, MUSTER AREA 1 & 2. DISCUSS DAILY OPERATIONS, TRIPPING TBG, LAYING DOWN TBG ON TRAILER, PINCH POINTS, SUSPENDED LOADS, ROTATING EQUIPMENT, GOOD COMMUNICATION. DISCUSS REMOVEING HARDLINE AND RIGGING DOWN. USE SPOTTERS WHILE BACKING, RED ZONE WHILE USEING HAMMERS. USE TWO PEOPLE CARING HARDLINE. HOUSE KEEPING. LEAVE LOCATION CLEANNER THAN WHEN WE FOUND IT.
	6:45 - 7:00	0.25	ABANDP	33	G	P		SISC 0PSI, LEL 0%. OPEN WELL. SERVICE EQUIPMENT.
	7:00 - 7:20	0.33	ABANDP	33	C	P		FILL SURFACE CASING WITH 1BBL FRESH BIO WATER. INSPECT FOR GAS. NO GAS NO BUBBLING. CLOSE BLIND RAMS. PRESSURE TEST SC TO 500PSI 15MIN. 0PSI LEAK OFF.
	7:20 - 7:35	0.25	ABANDP	31	I	P		TIH OPEN ENDED WITH 10JTS OUT OF DERRICK. PU AND TAG TOC ON JT # 15 10' IN AT 486'.
	7:35 - 8:00	0.42	ABANDP	31	I	P		TOH LD 15JTS 2-3/8" N-80 TBG ON TRAILER.
	8:00 - 8:15	0.25	ABANDP	31	1	P		R/O TBG EQUIPMENT AND WORKFLOOR.
	8:15 - 8:30	0.25	ABANDP	30	J	P		ND 7-1/16" RANGER DOUBLE GATE BOP. ND 7-1/16" X 11" AMACO FLANGE. ND 11" W-92 WELLHEAD. INSTALL YELLOW WELL CAP.
	8:30 - 10:30	2.00	ABANDP	30	C	P		REMOVE RESTRAINTS. BREAK OUT HARDLINES FROM WELL, PUMP AND TANK. RDMO RES 5534. LOAD EQUIPMENT UP ON WINCH YTRUCKS. INSTALL FENCEING AROUND WELL WITH WELL SIGN. JOB COMPLETE.
9/2/2020	8:00 - 9:00	1.00	ABANDZ	53	B	P		DUG UP SURFACE CASING
	9:00 - 10:00	1.00	ABANDZ	53	C	P		CUT CASING 6' BELOW GL, 8 5/8 CEMENT AT 50 FEET FILLED CASING STUB WITH 42 BAGS OF 5000 PSI CEMENT.

US ROCKIES REGION
Operation Summary Report

Well: ROBERTS 32-22

Spud date: 7/6/2006

Project: COLORADO-WELD-NAD83-UTM13		Site: ROBERTS 5-22 PAD			Rig name no.: RANGER 34/34, BASIC 1662/1662			
Event: ABANDONMENT		Start date: 8/11/2020				End date: 9/2/2020		
Active datum: RKB @4,912.00usft (above Mean Sea Level)				UWI: 0/3/N/66/W/22/0/NWSW/6/0/N/2036/W/0/-468/0/0				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	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
	10:30 - 10:30	0.00	ABANDP	50				P&A'd OFFLINE. NB-CD/ JSND.