

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

Well: UPRR 38 PAN AM "O" TRUE #2 Spud date: 3/1/1983  
 Project: COLORADO-WELD-NAD83-UTM13 Site: UPRR 38 PAN AM "O" TRUE #2 Rig name no.: RANGER 4/4, BRIGADE 10/10  
 Event: ABANDONMENT Start date: 9/21/2018 End date: 3/26/2020  
 Active datum: RKB @4,896.99usft (above Mean Sea Level) UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
8/23/2018	6:00 - 7:00	1.00	ABANDP	53	B	P		FORM 17 TEST AND SAMPLE
9/14/2018	12:00 - 16:00	4.00	LOCPRP	53	B			MOWED, STRING FENCE
9/21/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		PJSM; CHECK PRESSURES TBG= 800, CSG=760, BHP=360
	7:00 - 8:15	1.25	ABANDP	30	A	P		MIRU RES 4, PUMP, TANK & LINES. RESTRAINT LINES. SPOT PIPE TLR
	8:15 - 8:30	0.25	ABANDP	30	A	P		PRESSURE TEST PUMP LINES TO 3000 PSI
	8:30 - 10:00	1.50	ABANDP	30	E	P		BLEED OFF & KILL WELL PUMP TOTAL OF 140 BBLS BIO WATER NO RETURNS TBG/CSG ON VAC. BLEED BHP TO 0 NO FLUID
	10:00 - 10:30	0.50	ABANDP	30	F	P		ND TREE, INSPECT & NU BOPE
	10:30 - 13:00	2.50	ABANDP	31	I	P		POOH STD BK 120 STDS (SLM) L/D 2 JTS
	13:00 - 15:00	2.00	ABANDP	31	I	P		RIH W/ BLADE BIT & SCRAPER, TO 7610' (NO ISSUES)
	15:00 - 16:45	1.75	ABANDP	31	I	P		POOH STD BK 114 STDS L/D 12 JTS
	16:45 - 17:00	0.25	ABANDP	48	B	P		PJSM DISCUSS WL OPERATIONS
	17:00 - 19:30	2.50	ABANDP	34	I	P		MIRU RELIANCE WL. RIH SET CIBP @ 7600', FLUID TOP = 4820', POOH RIH DUMP 4 SX CMT ON PLUG POOH. RIH SET CIBP @ 7170', POOH RDMO WL, SDFN
	19:30 - 20:30	1.00	ABANDP	30	G	P		CREW TRAVEL
9/22/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		PJSM, CHECK PRESSURES CSG 200, BHP 50
	7:00 - 7:15	0.25	ABANDP	30	E	P		BLEED OFF PRESSURES TO 0
	7:15 - 8:30	1.25	ABANDP	31	I	P		RIH TAG CIBP @ 7170'
	8:30 - 9:30	1.00	ABANDP	30	E	P		CIRC WELL 110 BBLS TO FILL, CIRC OUT GAS 150 BBLS
	9:30 - 9:50	0.33	ABANDP	52	G	P		PRESSURE TEST CSG 625 PSI FOR 15 MIN W/ NO LOSS
	9:50 - 12:00	2.17	ABANDP	46	E	Z		W/O SLB CMT EQUIPMENT
	12:00 - 12:45	0.75	ABANDP	51	D	P		PJSM, PUMP NIO BALANCE PLUG 65 SX 15.8# 1.53 YIELD TYPE G CMT EST COVERAGE 7170' TO 6408'
	12:45 - 15:30	2.75	ABANDP	31	I	P		POOH STAND BACK 45 STDS L/D 138 JTS. SECURE WELL, SDFN
	15:30 - 16:30	1.00	ABANDP	30	G	P		CREW TRAVEL
9/24/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 6:45	0.25	ABANDP	48	B	P		PJSM; REVIEW APC CHECK LIST, EYES ON POLICY. DISCUSS SAFE START, WIRELINE SAFETY OVERHEAD LOADS PINCH POINTS & PLAN ESCAPE ROUTS. RED ZONES & STOP WORK AUTHORITY
	6:45 - 9:30	2.75	ABANDP	34	N	P		MIRU RELIANCE WL RUN RCBL FROM 5000' 1 TIME W/ 500 PSI, 1 TIME W/ NO PRESSURE TOC @ 3026', POOH,
	9:30 - 10:30	1.00	ABANDP	34	I	P		RIH W CIBP SET @ 4130' POOH, RIH DUMP 4 SX CMT. POOH

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Spud date: 3/1/1983

Project: COLORADO-WELD-NAD83-UTM13

Site: UPRR 38 PAN AM "O" TRUE #2

Rig name no.: RANGER 4/4, BRIGADE 10/10

Event: ABANDONMENT

Start date: 9/21/2018

End date: 3/26/2020

Active datum: RKB @4,896.99usft (above Mean Sea Level)

UWI: 0/2/N/65/W/5/0/SES/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	10:30 - 11:15	0.75	ABANDP	34	H	P		PU & RIH W/ 2 3-1/8" PERF GUNS 3 SPF, 0.5" EHD, 120° PHASING. PERF 6 HOLES 3000'-3002' & 12 HOLES 2800'-2804', POOH, RDMO WL.
	11:15 - 11:30	0.25	ABANDP	48	B	P		PJSM; REVIEW JSA FOR HYDRO-TESTING
	11:30 - 12:30	1.00	ABANDP	31	I	P		RU HOLESEEKERS HYDRO-TESTING, PU 5-1/2" CICR HYDRO-TEST IN 15 STDS TEST TO 3000PSI
	12:30 - 13:00	0.50	ABANDP	30	E	P		CIRC OUT KICK W/ 50 BBLs BIO-WATER
	13:00 - 13:30	0.50	ABANDP	31	I	P		HYDRO-TEST IN 15 STDS TEST TO 3000PSI
	13:30 - 14:00	0.50	ABANDP	30	E	P		CIRC OUT KICK W/ 50 BBLs BIO-WATER
	14:00 - 14:30	0.50	ABANDP	31	I	P		HYDRO-TEST IN 15 STDS TEST TO 3000PSI TOTAL STDS RAN 45 SET CICR @ 2830'
	14:30 - 16:00	1.50	ABANDP	30	E	P		RDMO HYDRO TESTER CIRC 200 BBLs, FULL RETURNS CLEAN, MONITOR FOR 10 MIN. NO FLOW SDFN
	16:00 - 17:00	1.00	ABANDP	30	G	P		CREW TRAVEL
9/25/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		PJSM; PJSM, REVIEW APC CHECK LIST, EYES ON. DISCUSS PLAN FOR THE DAY. OVER HEAD LOADS, TAG LINES, SPOTTERS, RED ZONES, WELL CONTROL, STOP WORK AUTHORITY, HIGH PRESSURE LINES. KEEPING LOCATION SECURE. PROPER BODY HAND PLACEMENT WHEN TRIPPING & LAYING TBG. STOP WORK AUTHORITY.
	7:00 - 8:00	1.00	ABANDP	30	E	P		CHECK & BLEED OFF PRESSURES CSG 10 PSI , BHP 15 PSI CIRC 150 BBLs W/ FULL RETURN CLEAN BIO WATER
	8:00 - 9:05	1.08	ABANDP	51	D	P		PJSM & MIRU SCHLUMBERGER, START TO PUMP SUSSEX SQUEEZE.
	9:05 - 11:15	2.17	ABANDP	46	E	Z		BLEW COOLANT LINE ON CMT UNIT. WAIT ON REPAIRS
	11:15 - 12:00	0.75	ABANDP	51	D	P		PUMP 70 SX, 1.79 YLD, 22.3 BBL, 12.0 PPG TXI LGTWEIGHT CMT. RDMO SCHLUMBERGER
	12:00 - 14:00	2.00	ABANDP	31	I	P		STAND BACK 24 STANDS (1515') LD 66 JTS SDFN WOC
	14:00 - 15:00	1.00	ABANDP	30	G	P		CREW TRAVEL
9/26/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		PJSM; PJSM, REVIEW APC CHECK LIST, EYES ON. DISCUSS PLAN FOR THE DAY. OVER HEAD LOADS, TAG LINES, SPOTTERS, RED ZONES, WELL CONTROL, STOP WORK AUTHORITY, HIGH PRESSURE LINES. KEEPING LOCATION SECURE. PROPER BODY HAND PLACEMENT WHEN TRIPPING & LAYING TBG. STOP WORK AUTHORITY.
	7:00 - 9:14	2.23	ABANDP	30	E	P		CHECK & BLEED OFF PRESSURES CSG 70 PSI BHP 50 PSI . DISCUSS WITH MANAGMENT. DICIDED TO SHUT WELL IN FOR ONE HOUR. AFTER ONE HOUR CASING 18PSI AND BRAIDENHEAD AT 12PSI.
	9:14 - 9:50	0.60	ABANDP	34	H	P		TIH WITH E-LINE SINKER BAR. TAG AT 1997'. PICK UP AND TIH WITH 3-1/8" WITH 3SPF MIN .05 AT 120 DEG PHASE AND SHOOT SQUEEZE HOLES 2' AT 1990'-1988' AND 4' 1805'-1801'. LD TOOLS. RO E-LINE.

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Rig name no.: RANGER 4/4, BRIGADE 10/10

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UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	9:50 - 10:20	0.50	ABANDP	46	E	S		WAIT ON PACKER AND RETAINER.
	10:20 - 11:33	1.22	ABANDP	31	I	P		PU 5.5 17# PACKER. TIH PU 11 JTS OFF TRAILER. TIH WITH 24 STDS OUT OF DERRICK. SET PACKER AT 1860'.
	11:33 - 12:43	1.17	ABANDP	31	H	P		HOOK UP TO TBG. PUMP AT 2.5 BPM. PUMP 20 BBLS AWAY. GAIN CIRCULATION. 0 PSI ON BRAIDENHEAD. PUMP AT 3.5 BPM. PUMP TOTAL OF 130 BBLS FRESH WATER WITH BIO. 1 BBLS TOTAL MUD IN RETURNS. CLEAN RETURNS. BROKE OFF KELLY.
	12:43 - 13:15	0.53	ABANDP	31	I	P		UNSET PACKER. LET EQUALIZE. TOH SLOW FOR FIRST 4 STANDS. CONTINUE TIO STANDING BACK 1860' TBG. LD PACKER.
	13:15 - 14:00	0.75	ABANDP	31	I	P		PU 5.5 17# CICR AT 1860'. TIH WITH 27 STANDS. EOT AT 1740'. SIW FOR NIGHT.
	14:00 - 15:00	1.00	ABANDP	30	G	P		TRAVEL TO YARD.
9/27/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		PJSM; PJSM, REVIEW APC CHECK LIST, EYES ON. DISCUSS PLAN FOR THE DAY. OVER HEAD LOADS, TAG LINES, SPOTTERS, RED ZONES, WELL CONTROL, STOP WORK AUTHORITY, HIGH PRESSURE LINES. KEEPING LOCATION SECURE. PROPER BODY HAND PLACEMENT WHEN TRIPPING & LAYING TBG. STOP WORK AUTHORITY.
	7:00 - 7:15	0.25	ABANDP	30	E	P		CHECK & BLEED OFF PRESSURES CSG 30 PSI BHP 40 PSI. BLEED DOWN PRESSURE TO 0PSI.
	7:15 - 7:30	0.25	ABANDP	31	I	P		TIH WITH 2-STDS 2-3/8" TBG. SET CICR AT 1860'.
	7:30 - 8:00	0.50	ABANDP	31	H	P		CIRCULATE 60 BBLS FRESH BIO WATER AT 2BPM THROUGH PERFS AT 0PSI.
	8:00 - 8:30	0.50	ABANDP	48	B	P		HELD SAFETY MEETING. DISCUSS PUMP OPERATIONS AND JOB SCOPE. DISCUSS EVACUATION PLAN AND MUSTER AREA. NEAREST HOSPITAL AND DESIGNATED DRIVER.
	8:30 - 9:00	0.50	ABANDP	51	E	P		MIRU SLB CEMENTERS AND VACUUM TRUCKS. CHECK GROUNDING ON ALL TRUCKS. ALL STATIC LINES WERE INSTALLED.
	9:00 - 9:35	0.58	ABANDP	51	D	P		PRESSURE TEST SUFACE LINES TO 2400PSI. PUMP 10 BBLS PRE FLUSH AT 3BPM AT 316 PSI. PUMP 10 BBLS FRESH BIO WATER AT 3BPM AT 168PSI. MIX AND PUMP 50 SKS 13.6 BBLS CLASS G CMT, 1.55 YLD, 14 PPG WITH CHEMICAL EXTENDER, HEC FLAC D238 AND 77pct CONCENTRATION CALC2. STING OUT OF RETAINER. DISPLACE WITH 5BBLS FRESH WATER. 1BL UNDERDISPACED. TOP OF CACULATED CMT 1602'.
	9:35 - 10:00	0.42	ABANDP	31	I	P		BROKE OFF CEMENTERS. TOH SLOW LD 16 JTS 2-3/8" TBG. EOT 1360'.
	10:00 - 10:30	0.50	ABANDP	31	H	P		TURN HOLE OVER WITH 65BBLS FRESH WATER UNTILL CLEAN RETURNS.

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	10:30 - 11:00	0.50	ABANDP	51	C	P		CEMENT SQUEEZE. PUMP 1BBL AWAY REACHED 800PSI. WAIT 5MIN PRESSURE AT 645PSI. PUMP .1 BBL AWAY 800PSI. WAIT 5MIN. PRESSURE AT 560PSI. SQUEEZE AWAY .2BBL 800PSI. WAIT 5MIN. PRESSURE AT 500PSI. SQUEEZE AWAY .3BBL 800PSI. WAIT 5MIN. PRESSURE AT 560PSI. WAIT 5MIN PRESSURE AT 668. PRESSURE STABILIZED. HELD FOR 15MIN. SQUEEZE A TOTAL OF 2.3BBL AWAY. TOC AT 1701'. BLEED OFF PRESSURE TO 0PSI. RO SLB CEMENTERS. TOP OF CALCULATED CEMENT 1701'.
	11:00 - 11:30	0.50	ABANDP	31	I	P		TOH SB 21 STDS. LD 1-JT AND INDEX TOOL. CLOSE IN WELL ON BLIND RAMS.
	11:30 - 12:30	1.00	ABANDP	30	G	P		TRAVEL TO YARD.
9/28/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		PJSM; PJSM, REVIEW APC CHECK LIST, EYES ON. DISCUSS PLAN FOR THE DAY. OVER HEAD LOADS, TAG LINES, SPOTTERS, RED ZONES, WELL CONTROL, STOP WORK AUTHORITY, HIGH PRESSURE LINES. KEEPING LOCATION SECURE. PROPER BODY HAND PLACEMENT WHEN TRIPPING & LAYING TBG. STOP WORK AUTHORITY.
	7:00 - 8:15	1.25	ABANDP	30	E	P		CHECK & BLEED OFF PRESSURES CSG 60 PSI BHP 40 PSI . DISCUSS WITH MANAGMENT. DECIDED TO SHUT WELL IN FOR ONE HOUR. AFTER ONE HOUR CASING 12PSI AND BRAIDENHEAD AT 8PSI.
	8:15 - 8:45	0.50	ABANDP	34	G	P		TIH WITH E-LINE SINKER BAR. TAG CMT AT 1562'.
	8:45 - 12:45	4.00	ABANDP	46	E	S		WAIT ON DICATION AND WAIT ON DRILL OUT ASSEMBLY TOOLS.
	12:45 - 14:15	1.50	ABANDP	31	I	P		PU 4-3/4" DRILL BIT, X-OVER. 4-3-1/2" DRILL COLLARS, X-OVER. TIH WITH 21 STDS AND 10 JTS 2-3/8" TBG OFF TRAILER. TAG AT 1562'.
	14:15 - 17:30	3.25	ABANDP	44	A	P		HOOK UP 2.5 POWER SWIVEL. BREAK CIRCULATION. DRILL OUT CEMENT FROM 1562'-1710'. CIRCULATE TWO BOTTOMS UP. BREAK AND LOAD OUT 2.5 POWER SWIVEL.
	17:30 - 18:30	1.00	ABANDP	31	I	P		.LD 1-JT 2-3/8" TBG. TOH WITH 24 STD 1530'. LD 4-3-1/2" DRILL COLLARS AND 4-3/4" VAIRAL BIT. FILL HOLE WITH CENTRIFUGAL WHILE PULLING OUT OF HOLE. SHUT WELL IN WITH BLIND RAMS. SECURE CASING VALVES AND INSTALL PRESSURE GAUGE.
	18:00 - 19:00	1.00	ABANDP	30	G	P		TRAVEL TO YARD.
9/29/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		PJSM; PJSM, REVIEW APC CHECK LIST, EYES ON. DISCUSS PLAN FOR THE DAY. OVER HEAD LOADS, TAG LINES, SPOTTERS, RED ZONES, WELL CONTROL, STOP WORK AUTHORITY, HIGH PRESSURE LINES. KEEPING LOCATION SECURE. PROPER BODY HAND PLACEMENT WHEN TRIPPING & LAYING TBG. STOP WORK AUTHORITY.
	7:00 - 7:15	0.25	ABANDP	30	E	P		CHECK & BLEED OFF PRESSURES CSG 20 PSI BHP 130 PSI . BLEED DOWN PRESSURE TO 0PSI.

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 Project: COLORADO-WELD-NAD83-UTM13 Site: UPRR 38 PAN AM "O" TRUE #2 Rig name no.: RANGER 4/4, BRIGADE 10/10  
 Event: ABANDONMENT Start date: 9/21/2018 End date: 3/26/2020  
 Active datum: RKB @4,896.99usft (above Mean Sea Level) UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 8:45	1.50	ABANDP	34	H	P		SET UP BARRIERS. RU E-LINE. RIH WITH ONE 3-1/8" PERF GUN WITH 3SPF, MIN 0.05" EHD, 120 DEG PHASE. SHOOT. TAG CMT AT 1673". DISCUSS WITH MANAGEMENT. DISCIDED TO RE-TAG WITH TBG. RO WIRELINE.
	8:45 - 9:15	0.50	ABANDP	31	I	P		RE-TALLY TBG. MU 4-3/4" BIT ON 2-3/8" TBG. TIH WITH TBG. TAG TOP OF CMT AT 1681'.
	9:15 - 11:00	1.75	ABANDP	44	A	P		RU 2.5 POWER SWIVEL. DRILL OUT CMT FROM 1681'-1710'. CIR CLEAN. BO SWIVEL.
	11:00 - 11:30	0.50	ABANDP	31	I	P		TOH SB 26 STDS. BREAK OFF 4-3/4" BIT.
	11:30 - 12:15	0.75	ABANDP	34	H	P		RU E-LINE. RIH WITH ONE 3-1/8" PERF GUN WITH 3SPF, MIN 0.05" EHD, 120 DEG PHASE. SHOOT. TAG CMT AT 1710'. PULL UP AND SHOOT 4' GUN AT 1700'. TOH WITH WIRELINE. VARIFY ALL SHOTS FIRED. RO WIRELINE.
	12:15 - 12:45	0.50	ABANDP	31	I	P		PU DOWN HOLE 5.5 CICR. TIH WITH 2-3/8" TBG 1680'. SET CICR.
	12:45 - 13:00	0.25	ABANDP	48	B	P		HELD SAFETY MEETING. DISCUSS PUMP OPERATIONS AND JOB SCOPE. DISCUSS EVACUATION PLAN AND MUSTER AREA. NEAREST HOSPITAL AND DISGNATED DRIVER.
	13:00 - 13:15	0.25	ABANDP	51	E	P		MIRU SLB CEMENTERS AND VACUUM TRUCKS. CHECK GROUNDING ON ALL TRUCKS. ALL STATIC LINES WERE INSTALLED.
	13:15 - 14:00	0.75	ABANDP	51	D	P		PRESSURE TEST SUFACE LINES TO 2400PSI. STING OUT OF RETAINER. MIX 25SKS CLASS G CMT, 1.55 YLD, 14 PPG WITH CHEMICAL EXTENDER, HEC FLAC D238 AND CONCENTRATION WITH 2% CALC2. PUMP 6.5BBLS CMT TO TOP OF RETAINER. STING INTO RETAINER. MIX ADDITIONAL .2BBLS AND SQUEEZE CMT AWAY AT 2.2 BPM AT 700PSI. AFTER PUMPING SLOWED DOWN TO .2BPM AT 800PSI. ABLE TO ALL 6.7 BBLs SQUEEZED AWAY. STUNG OUT OF RETAINER AND CIRCULATE 2X HOLE VOLUEM. RIG OUT SLB.
	14:00 - 14:30	0.50	ABANDP	31	I	P		TOH WITH 24STDS 1500'. BREAK OFF STINGER. SWI ON BLIND RAMS. CLOSE ALL CASING VALVES. INSTALL GAUGES IN CASING VALVES.
	14:30 - 15:30	1.00	ABANDP	30	G	P		TRAVEL TO YARD.
10/1/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		PJSM; PJSM, REVIEW APC CHECK LIST, EYES ON. DISCUSS PLAN FOR THE DAY. OVER HEAD LOADS, TAG LINES, SPOTTERS, RED ZONES, WELL CONTROL, STOP WORK AUTHORITY, HIGH PRESSURE LINES. KEEPING LOCATION SECURE. PROPER BODY HAND PLACEMENT WHEN TRIPPING & LAYING TBG. STOP WORK AUTHORITY.
	7:00 - 7:15	0.25	ABANDP	30	E	P		CHECK & BLEED OFF PRESSURES CSG 10 PSI BHP 100 PSI . BLEED DOWN PRESSURE TO 0PSI.
	7:15 - 8:30	1.25	ABANDP	46	A	S		WAIT ON APPROVAL FROM STATE TO CUT A WINDOW.

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**Operation Summary Report**

Well: UPRR 38 PAN AM "O" TRUE #2

Spud date: 3/1/1983

Project: COLORADO-WELD-NAD83-UTM13

Site: UPRR 38 PAN AM "O" TRUE #2

Rig name no.: RANGER 4/4, BRIGADE 10/10

Event: ABANDONMENT

Start date: 9/21/2018

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:30 - 12:00	3.50	ABANDP	46	E	S		WAIT ON SECTION MILL AND DRILL COLLARS. STABILIZER COULDN'T BE TO LOCATION UNTILL LATER IN AFTERNOON. DISCIED TO SHUT DOWN FOR NIGHT. SECURE WELL AND RIG.
	12:00 - 13:00	1.00	ABANDP	30	G	P		TRAVEL TO YARD.
10/2/2018	5:30 - 6:30	1.00	ABANDP	30	G	P		CREW TRAVEL
	6:30 - 7:00	0.50	ABANDP	48	B	P		PJSM; PJSM, REVIEW APC CHECK LIST, EYES ON. DISCUSS PLAN FOR THE DAY. OVER HEAD LOADS, TAG LINES, SPOTTERS, RED ZONES, WELL CONTROL, STOP WORK AUTHORITY, HIGH PRESSURE LINES. KEEPING LOCATION SECURE. PROPER BODY HAND PLACEMENT WHEN TRIPPING & LAYING TBG. STOP WORK AUTHORITY.
	7:00 - 7:15	0.25	ABANDP	30	E	P		CHECK & BLEED OFF PRESSURES CSG 50 PSI BHP 150 PSI. BLEED DOWN PRESSURE TO 0PSI.
	7:15 - 8:00	0.75	ABANDP	31	I	P		DICITION MADE TO SECURE WELL FOR OFFSET FRAC. TIH WITH 52 JTS 2-3/8" TBG OPEN ENDED TO 1656'. LAND ON TCM HANGER.
	8:00 - 8:15	0.25	ABANDP	31	I	P		RO TBG EQUIPMENT AND WORK FLOOR.
	8:15 - 9:00	0.75	ABANDP	30	J	P		ND 7-1/16" X 5M DOUBLE GATE BOP.
	9:00 - 9:15	0.25	ABANDP	47	A	P		NU PROD TREE. HOOK UP LINES BACK TO FLOWLINE. CLOSE ALL VALVES.
	9:15 - 12:00	2.75	ABANDP	30	C	P		RDMO RANGER #4. BREAK OUT AND LOAD OUT HARDLINES TO PUMP AND PIT. CLEAN UP LOCATION.
11/8/2019	-							
1/29/2020	12:00 - 14:00	2.00	LOCPRP	53	B	P		ANCHORS PLUS, STRING FENCED LOCATION FOR UP COMING RIG OPS
1/31/2020	11:30 - 13:00		ABANDP	33	G	P		CP= 4 PSI,TBG = 4 SCGS= 60 PSI, BLED CP & TBG PSI OFF NO FLUIDS BROUGHT BACK ,SCGS BLED OF QUICK ALSO NO FLUIDS BROUGHT BACK LEFT OPEN DURING JOB OPERATION
	11:30 - 13:00	1.50	ABANDP	30	A	P		SPOT IN ALL EQ,MIRU BRIGADE 10 LD ALL PUMP LINES TETS ALL LINES
	13:00 - 13:30	0.50	ABANDP	30	B	P		PUMP 5 BBL OF FLUID WELL CIRCULATED,PUMPED 44 BBL OF WATER 2X HOLE VOLUME BROUGHT BACK NO GAS,TEST BOP ON TEST STUMP
	13:30 - 15:00	1.50	ABANDP	30	F	P		ND 5K WELL HEAD,FUNCTION TEST BOP,NU BOP TORQUE & TEST BOP ON WELL HEAD,RU RIG FLOOR
	15:00 - 15:30	0.50	ABANDP	31	I	P		TIH TAG TOP OF CICR AT 1680 ,CIRCULATE WELL PSI TEST FOR 15 MIN TO 500 PSI,GOOD TEST
	15:30 - 16:00	0.50	ABANDP	31	I	P		TOH W 52 JTS OF 2.375",SDFN
	16:00 - 16:30	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	16:30 - 17:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/3/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING,GO OVER WORKOVER RIG DAILY CHECKLIST( SEE SAFETY COMMENTS ON SAFETY TAB)
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI,TBG = 0 SCGS= 40 PSI,SCGS LEFT OPEN DURING JOB OPERATION
	7:30 - 8:00	0.50	ABANDP	31	H	D		PUMPED 5 BBL TO FILL HOLE

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

Well: UPRR 38 PAN AM "O" TRUE #2

Spud date: 3/1/1983

Project: COLORADO-WELD-NAD83-UTM13

Site: UPRR 38 PAN AM "O" TRUE #2

Rig name no.: RANGER 4/4, BRIGADE 10/10

Event: ABANDONMENT

Start date: 9/21/2018

End date: 3/26/2020

Active datum: RKB @4,896.99usft (above Mean Sea Level)

UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:00 - 9:00	1.00	ABANDP	34	N	P		MIRU PIONEER WIRELINE, TIH W CCL-CBL-VDL LOG WELL FROM 1680' TO SURFACE
	9:00 - 11:00	2.00	ABANDP	46	A	P		WAIT ON ORDERS FROM OXY ON WHERE TO SHOOT PER HOLES
	11:00 - 12:00	1.00	ABANDP	34	H	P		TIH W 2' DEEP PENETRATING GUN ( 41" OF PENETRATION) SHOOT PERFS @ 830-832, NOTICED WL COUNTER OFF WHEN TOH, TIH W CCL LOCATED SHOTS @ 790' -792', W PIONEER WL RDMO WL
	12:00 - 12:30	0.50	ABANDP	31	H	P		ESTABLISHED CIRCULATION @ 800 PSI 1 BBL MIN PUMPED OFF 10 BBL OF WATER, OPENED WELL UP WELL BROUGHT BACK NO FLUID
	12:30 - 13:00	0.50	ABANDP	34	H	P		MIRU CASED HOLE SOLUTIONS WIRELINE, RUN CCL LOCATE PERFOTRATIONS @ 790'-792'
	13:00 - 14:00	1.00	ABANDP	46	A	P		WAIT ON ORDERS FROM OXY
	14:00 - 14:30	0.50	ABANDP	34	I	P		RDMO WL
	14:30 - 15:00	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	15:00 - 15:30	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	15:30 - 16:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/4/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING, GO OVER WORKOVER RIG DAILY CHECKLIST( SEE SAFETY COMMENTS ON SAFETY TAB)
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI, TBG = 0 SCGS= 12 PSI, SCGS BLED DOWN QUICK NO FLUIDS BROUGHT BACK LEFT OPEN DURING JOB OPERATION
	7:30 - 8:30	1.00	ABANDP	46	A	D		WAIT ON ORDERS FROM OXY
	8:30 - 9:00	0.50	ABANDP	31	I	P		TIH W 46 JTS OF 2.375" TO 1260'
	9:00 - 12:30	3.50	ABANDP	42	B	P		RU SWABBING EQ, SWAB FLUID DOWN TO 1200', SWABBED 20 BBL OF FLUID, W 20 RUNS , SHUT DOWN FOR 1 HR, TAG FLUID @ 1200', RD SWABBING EQ
	12:30 - 13:00	0.50	ABANDP	31	I	P		TOH W 46 JTS OF 2.375"
	13:00 - 17:00	4.00	ABANDP	33	G	P		VENT WELL TO OPEN TANKS, WENTERIZE EQ
	17:00 - 17:30	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	17:30 - 18:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/5/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING, GO OVER WORKOVER RIG DAILY CHECKLIST( SEE SAFETY COMMENTS ON SAFETY TAB)
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI, TBG = 0 SCGS= 6 PSI, SCGS BLED DOWN QUICK NO FLUIDS BROUGHT BACK LEFT OPEN DURING JOB OPERATION
	7:30 - 10:00	2.50	ABANDP	46	F	P		WAIT ON WSS MONTHLY SAFETY MEETING
	10:00 - 10:30	0.50	ABANDP	31	H	P		PUMPED 20 BBL OF FLUID TO FILL HOLE
	10:30 - 11:00	0.50	ABANDP	31	I	P		PU 5.5' PKR TIH W 17JTS OF 2.375" TBG TO 535 & SET PKR
	11:00 - 13:00	2.00	ABANDP	46	E	P		WAIT ON SCHLUMBERGER CMT CREW

US ROCKIES REGION  
**Operation Summary Report**

Well: UPRR 38 PAN AM "O" TRUE #2

Spud date: 3/1/1983

Project: COLORADO-WELD-NAD83-UTM13

Site: UPRR 38 PAN AM "O" TRUE #2

Rig name no.: RANGER 4/4, BRIGADE 10/10

Event: ABANDONMENT

Start date: 9/21/2018

End date: 3/26/2020

Active datum: RKB @4,896.99usft (above Mean Sea Level)

UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	13:00 - 14:30	1.50	ABANDP	51	A	P		RU SCHLUMBERGER, HELD SAFETY MEETING, (SEE SAFETY COMMENTS ON SAFETY TAB), LOADED AND TESTED CMT LINES TO 2500PSI, PUMPED SQZ W/ 10 BBLs WATER SPACER, 23.9 BBLs OF CMT, 110 SKS CLASS G AGM 15.8#, 1.22 YIELD, FOLLOWED BY 8 BBL OF FRESH WATER. RD CEMENTERS, CMT SAMPLE IN CUP WAS STILL PRETTY SOFT AFTER SITTING 3.5" HRS
	14:30 - 15:00	0.50	ABANDP	31	I	P		UNSET PKR TOH W 17 JTS OF 2.375"
	15:00 - 17:00	2.00	ABANDP	33	G	P		RD RIG FLOOR, ND BIRD BATH, NU ANNULAR BAG, RU RIG FLOOR, CK PSI 290 ON CSG, PUMPED 1 BBL OF WATER PSI @ 700, MONITOR WELL FINAL SIP WAS 260 PSI
	17:00 - 17:30	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	17:30 - 18:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/6/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI, TBG = 0 SCGS= 4 PSI, SCGS BLED DOWN QUICK NO FLUIDS BROUGHT BACK LEFT OPEN DURING JOB OPERATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFETY MEETING, GO OVER WORKOVER RIG DAILY CHECKLIST (SEE SAFETY COMMENTS ON SAFETY TAB)
	7:30 - 8:00	0.50	ABANDP	31	I	P		PSI TEST CSG TO 500 PSI, GOOD TEST, TIH W 17 JTS OF 2.375" TAG TOC @ 545', TOH W TBG
	8:00 - 10:00	2.00	ABANDP	31	I	P		PU 4.75" ROCK BIT & 4- 3.5" DC, TIH W 12 JTS OF 2.375" TAG TOC @ 545', RU POWER SWIVEL
	10:00 - 11:00	1.00	ABANDP	46	E	D		INCORRECT STIFF ARM FOR POWER SWIVEL, WAIT ON NEW STIFF ARM
	11:00 - 14:30	3.50	ABANDP	44	A	P		REVERSE CIRCULATING @ 300 psi 2 bbl MIN START DRILLING OUT CMT JT 12 = 545' - 569' JT 13 = 569' - 600' JT 14 = 600' - 632' JT 15 = 632 - 662' JT 16 = 662 - 695' JT 17 = 695 - 725' CMT SOFT DRILLED OUT 180' , STOPPED 65' ABOVE TOP PERFS @ 790'
	14:30 - 15:30	1.00	ABANDP	31	I	P		CIRULATED 36 BBL 3X HOLE VOLUME, BROUGHT BACK CMT CUTTINGS, RD POWER SWIVEL, TOH W 5 JTS TO DROP FLUID LEVEL
	15:30 - 16:00	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	16:00 - 16:30	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	16:30 - 17:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/7/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFETY MEETING, GO OVER WORKOVER RIG DAILY CHECKLIST (SEE SAFETY COMMENTS ON SAFETY TAB)
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI, TBG = 0 SCGS= 4 PSI, SCGS BLED DOWN QUICK NO FLUIDS BROUGHT BACK LEFT OPEN DURING JOB OPERATION
	7:30 - 8:00	0.50	ABANDP	31	I	P		TIH W 5 JTS TAG TOC @ 725', RU POWER SWIVEL

US ROCKIES REGION  
**Operation Summary Report**

Well: UPRR 38 PAN AM "O" TRUE #2		Spud date: 3/1/1983	
Project: COLORADO-WELD-NAD83-UTM13		Site: UPRR 38 PAN AM "O" TRUE #2	Rig name no.: RANGER 4/4, BRIGADE 10/10
Event: ABANDONMENT		Start date: 9/21/2018	End date: 3/26/2020
Active datum: RKB @4,896.99usft (above Mean Sea Level)		UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:00 - 10:00	2.00	ABANDP	44	A	P		<b>DRILL OUT REMAINING 67',VERY SOFT CMT</b> JT 18 725' - 758' DRILLED OUT 30 MIN JT 19 758 - 788' DRILLED OUT IN 20 MIN FELL THREW AT END OF JT JT 20 788' - 818' DID NOT HAVE TO DRILL CIRCULATED DOWN PICKED UP 4 JTS TO 948' TO INSURE NO CMT BELOW,CIRCULATED WELL W 60 BBL 2X HOLE VOLUME, <b>PSI TEST TO 500 PSI,DID NOT HOLD LOSING 50 PSI MIN</b> ,CALL IN RESULTS TO OXY
	10:00 - 11:30	1.50	ABANDP	31	I	P		RD POWER SWIVEL,TOH W 24 JTS OF 2.375" ,LD 6-3.5" DC,
	11:30 - 12:00	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	12:00 - 13:00	1.00	ABANDP	49	B	P		CLEAN OUT MUD TANK W WATER TRUCK OF ALL CMT CUTTINGS
	13:00 - 13:30	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	13:30 - 14:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/10/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 3 PSI,TBG = 0 SCGS= 2 PSI,SCGS BLED DOWN QUICK NO FLUIDS BROUGHT BACK LEFT OPEN DURING JOB OPERATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING,GO OVER WORKOVER RIG DAILY CHECKLIST( SEE SAFETY COMMENTS ON SAFETY TAB)
	7:30 - 8:00	0.50	ABANDP	33	G	P		<b>PSI TEST CSG TO 500 PSI,LOST 50 PSI IN 1 MIN,TESTED CSG TWICE WITH SAME RESULTS</b>
	8:00 - 9:00	1.00	ABANDP	34	H	P		<b>MIRU (NEXTIER WL) TIH W 4' 4 SPF SHALLOW PENATRATING GUN @ SHOOT @ 250',RDMO WL</b>
	9:00 - 11:00	2.00	ABANDP	31	H	P		WELL CIRCULATING @ 100 PSI 2 BBL MIN, BROUGHT BACK CLEAN FLUID NO GAS OR MUD,CIRCULATED 150 BBL 8X HOLE VOLUME,ND AANULAR BAG,NU BIRD BATH
	11:00 - 12:00	1.00	ABANDP	33	G	P		SHUT WELL IN FOR 1 HR
	12:00 - 13:00	1.00	ABANDP	33	G	P		<b>CK PSI CSG 12 PSI SCSG 10 PSI</b> CALLED IN TO OXY
	13:00 - 13:30	0.50	ABANDP	31	I	P		TIH W 24 JTS OF 2.375" <b>SET 5.5" PKR @ 750'</b>
	13:30 - 14:00	0.50	ABANDP	31	G	P		PUMP INTO PERFS @ 790' PRESSURED UP TO 1500 PSI PRESSURE DROPPED TO 1100 PSI @ 1 BBL MIN,PUMPED OFF 15 BBL AT THIS RATE
	14:00 - 16:30	2.50	ABANDP	42	A	P		SWAB FLUID DOWN TO 750',MADE 16 SWAB RUNS,SWABBED BACK 20 BBL SET PKR @ 750'
	16:30 - 17:00	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	17:00 - 17:30	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	17:30 - 18:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/11/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING,GO OVER WORKOVER RIG DAILY CHECKLIST( SEE SAFETY COMMENTS ON SAFETY TAB)
	6:30 - 7:30	1.00	ABANDP	33	F	P		<b>CP= 0 PSI,TBG = 16 SCSG= 0 PSI</b> ,SCGS BLED DOWN QUICK NO FLUIDS BROUGHT BACK LEFT OPEN DURING JOB OPERATION

US ROCKIES REGION  
**Operation Summary Report**

Well: UPRR 38 PAN AM "O" TRUE #2

Spud date: 3/1/1983

Project: COLORADO-WELD-NAD83-UTM13

Site: UPRR 38 PAN AM "O" TRUE #2

Rig name no.: RANGER 4/4, BRIGADE 10/10

Event: ABANDONMENT

Start date: 9/21/2018

End date: 3/26/2020

Active datum: RKB @4,896.99usft (above Mean Sea Level)

UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:30 - 8:00	0.50	ABANDP	30	M	P		UNTHAW WELL HEAD
	8:00 - 9:00	1.00	ABANDP	31	I	P		UNSET PKR,LD 8 JTS TO 535',W 17 JTS SET PKR,PSI TEST PKR TO 500 PSI GOOD TEST
	9:00 - 10:30	1.50	ABANDP					RU BASIC ENERGY SERVICES,HELD SAFTEY MEETING,(SEE SAFTEY COMMENTS ON SAFTEY TAB), LOADED AND TESTED CMT LINES TO 2500PSI, PUMPED SQZ W/ 10 BBLs WATER SPACER,22 BBLs OF CMT,100 SKS CLASS G AGM 15.8#, 1.23 YIELD, FOLLOWED BY 8 BBL OF FRESH WATER. PUMPED ENTIRE JOB WITH FULL RETURNS.RD CEMENTERS,CMT SAMPLE IN CUP WAS PRETTY MUCH SET AFTER SITTING 1 HR ESTAMATED TOC @ 750'
	10:30 - 12:00	1.50	ABANDP	31	I	P		LD 17 JTS OF 2.375" & PKR,ND BIRD BATH,NU ANNULAR BAG TORQUE BAG
	12:00 - 12:30	0.50	ABANDP	31	I			PU 5.5" PKR TIH W 10 JTS OF 2.375" SET PKR @ 300'
	12:30 - 13:00	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	13:00 - 13:30	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	13:30 - 14:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/12/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING,GO OVER WORKOVER RIG DAILY CHECKLIST( SEE SAFETY COMMENTS ON SAFETY TAB)
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI,TBG = 20 SCSG= 0 PSI,SCGS BLED DOWN QUICK NO FLUIDS BROUGHT BACK LEFT OPEN DURING JOB OPERATION
	7:30 - 8:30	1.00	ABANDP	31	I	P		UNSET PKR TIH W 11 JTS TAG TOC @ 655' W 21 JTS OF 2.375",LD 7 JTS TO 436',SET PKR PSI TEST CMT TO 500 PSI GOOD TEST
	8:30 - 9:00	0.50	ABANDP	33	G	P		SHUT WELL IN FOR 1 HR CK PSI BUILT 20 PSI,CALLED IN TO OXY W RESULTS,
	9:00 - 10:00	1.00	ABANDP	31	I	P		TIH W 10 JTS TO 625' W 20 JTS 30' ABOVE CMT TOP,CIRCULATE 30 BBL 3X HOLE VOLUME,SET PKR
	10:00 - 11:00	1.00	ABANDP	33	G	P		SHUT WELL IN FOR 1 HR BUILT 30 PSI CALL IN TO OXY
	11:00 - 11:30	0.50	ABANDP	31	I	P		UNSET PKR LD 10 JTS SB 10 JTS LD PKR
	11:30 - 12:30	1.00	ABANDP	31	I	P		PU 4.75" BIT & 6-3.5" DC,TIH W 15 JTS OF 2.375" TAG CMT @ 655',RU POWER SWIVEL
	12:30 - 14:00	1.50	ABANDP	44	A	P		REVERSE CIRCULATING @ 200 PSI 2 BBL MIN DRILL OUT CMT JT 15= 655' - 656' JT 16= 656' - 689' FROM 660' - 670' FELL THREW NO CMT RETAGGED @ 670' JT 17= 689' - 719' FROM 695' -719' FELL THREW NO CMT RETAGGED @ 720' JT 18= 720' - 752' FROM 735'-740'FELL THREW NO CMT RETAGGED @ 740' CMT DRILLING OUT VERY EASY STOPPED DRILLING @ 752' 38' ABOVE PERFS @ 790',CIRCULATED WELL CLEAN W 30 BBL
	14:00 - 14:30	0.50	ABANDP	31	1	P		RD POWER SWIVEL,LD 5 JTS TO DROP FLUID LEVEL

US ROCKIES REGION  
**Operation Summary Report**

Well: UPRR 38 PAN AM "O" TRUE #2

Spud date: 3/1/1983

Project: COLORADO-WELD-NAD83-UTM13

Site: UPRR 38 PAN AM "O" TRUE #2

Rig name no.: RANGER 4/4, BRIGADE 10/10

Event: ABANDONMENT

Start date: 9/21/2018

End date: 3/26/2020

Active datum: RKB @4,896.99usft (above Mean Sea Level)

UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	14:30 - 15:00	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	15:00 - 15:30	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	15:30 - 16:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/13/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI,TBG = 30 SCSG= 0 PSI,SCGS BLED DOWN QUICK NO FLUIDS BROUGHT BACK LEFT OPEN DURING JOB OPERATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING,GO OVER WORKOVER RIG DAILY CHECKLIST( SEE SAFETY COMMENTS ON SAFETY TAB)
	7:30 - 8:30	1.00	ABANDP	31	I	P		TIH W 5 JTS TAG TOC @ 752' W 18 JTS, RU POWER SWIVEL
	8:30 - 9:30	1.00	ABANDP	44	D	P		CIRCULATING DOWN TBG UP CSG @ 200 PSI 2 BBL MIN DRILL OUT JT 19 = 752' - 782' 10' VIOD FROM 770'- 780' JT 20 = 782' - 816' FELL THREW @ 792' PICK UP 4 JTS TO 942' TO INSURE NO CMT BELOW CIRCULATE WELL CLEAN,RD POWER SWIVEL
	9:30 - 10:00	0.50	ABANDP	33	G	P		PSI TEST CMT TO 500 PSI FOR 15 MIN DROPPED 50 PSI MIN
	10:00 - 11:00	1.00	ABANDP	31	I	P		SB 24 JTS OF 2.375" LD 6- 3.5" DC & BIT
	11:00 - 11:30	0.50	ABANDP	31	I	P		TIH W PKR TO 300' W 10 JTS OF 2.375" SET PKR
	11:30 - 12:30	1.00	ABANDP	33	G	P		SHUT WELL IN FOR 1 HR CK PSI,WELL BUILT UP 27 PSI
	12:30 - 13:30	1.00	ABANDP	46	A	P		WAIT ON ORDERS FROM OXY
	13:30 - 14:00	0.50	ABANDP	31	I	P		UNSET PKR TOH TBG & PKR
	14:00 - 15:00	1.00	ABANDP	46	E	P		WAIT ON SPN WL
	15:00 - 16:00	1.00	ABANDP	34	I	P		MIRU SPN WL, TIH W 5.5" 17# CIBP & SET @ 785',RDMO WL
	16:00 - 16:30	0.50	ABANDP	31	I	P		PU 5.5" PKR TIH W 10 JTS SET PKR @ 300',PSI TEST CIBP TO 500' FOR 15 MIN GOOD TEST
	16:30 - 17:00	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	17:00 - 17:30	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	17:30 - 18:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/14/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING,GO OVER WORKOVER RIG DAILY CHECKLIST( SEE SAFETY COMMENTS ON SAFETY TAB)
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI,TBG = 0 SCSG= 0 PSI,SCGS LEFT OPEN DURING JOB OPERATION
	7:30 - 8:00	0.50	ABANDP	30	M	P		UNTHAW WELL HEAD
	8:00 - 9:00	1.00	ABANDP	31	I	P		UNSET 5.5" PKR TOH W TBG LD PKR, TIH W 24 JTS OF 2.375" TO 785'
	9:00 - 10:00	1.00	ABANDP	46	A	P		WAIT ON (NORTHERN PLAINS) WATER TRUCK

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

Well: UPRR 38 PAN AM "O" TRUE #2

Spud date: 3/1/1983

Project: COLORADO-WELD-NAD83-UTM13

Site: UPRR 38 PAN AM "O" TRUE #2

Rig name no.: RANGER 4/4, BRIGADE 10/10

Event: ABANDONMENT

Start date: 9/21/2018

End date: 3/26/2020

Active datum: RKB @4,896.99usft (above Mean Sea Level)

UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	10:00 - 11:00	1.00	ABANDP	51	D	P		MIRU SCHLUMBERGER, HELD SAFTEY MEETING, (SEE SAFTEY COMMENTS ON SAFTEY TAB), LOADED AND TESTED CMT LINES TO 2500PSI, PUMP SHOE PLUG W / 5 BBL OF WATER, 8.7 BBLs OF CMT, 40 SKS OF CLASS G AGM 15.8#, 1.22 YIELD, FOLLOWED BY 1.5 BBLs OF FRESH WATER. PUMPED ENTIRE JOB WITH FULL RETURNS. RD CEMENTERS
	11:00 - 11:30	0.50	ABANDP	31	I	P		LD 14 JTS TO 300, REVERSE CIRCULATE, LD 10 REMAINING JTS
	11:30 - 12:00	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	12:00 - 12:30	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	12:30 - 13:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/18/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI, TBG = 0 SCGS= 0 PSI, SCGS LEFT OPEN DURING JOB OPERATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING, GO OVER WORKOVER RIG DAILY CHECKLIST (SEE SAFETY COMMENTS ON SAFETY TAB)
	7:30 - 9:30	2.00	ABANDP	30	J	P		RD RIG FLOOR, ND ANNULAR BAG, NU BIRD BATH ON BOP, ND BOP, REMOVE 5K WELL HEAD, NU 5.5" XOVER TO 2.375" INSTALL VALVE
	9:30 - 11:00	1.50	ABANDP	51	D	P		MIRU SCHLUMBERGER, HELD SAFTEY MEETING, (SEE SAFTEY COMMENTS ON SAFTEY TAB), LOADED AND TESTED CMT LINES TO 2500PSI, PUMP SURFACE PLUG W / 5 BBL OF WATER, 28 BBLs OF CMT, 140 SKS OF CLASS G 15.8#, 1.16 YIELD, FOLLOWED BY 1.5 BBLs OF FRESH WATER. PUMPED ENTIRE JOB WITH FULL RETURNS. RD CEMENTERS
	11:00 - 11:30	0.50	ABANDP	30	K	P		SHUT IN OVER NIGHT
	11:30 - 13:00	1.50	ABANDP	49	B	P		CLEAN OUT MUD TANK W WATER TRUCK
	13:00 - 13:30	0.50	ABANDP	30	I	P		WINTERIZE ALL EQ
	13:30 - 14:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/19/2020	6:00 - 6:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:30 - 7:30	1.00	ABANDP	33	F	P		CP= 0 PSI, TBG = 0 SCGS= 0 PSI, SCGS LEFT OPEN DURING JOB OPERATION
	6:30 - 7:30		ABANDP	48	B	P		INSPECT & START EQUIPMENT & HELD JSA SAFTEY MEETING, GO OVER WORKOVER RIG DAILY CHECKLIST (SEE SAFETY COMMENTS ON SAFETY TAB)
	7:30 - 9:30	2.00	ABANDP	30	C	P		PU ALL PUMP LINES, RDMO BRIGADE 10, PU AROUND LOCATION
	9:30 - 10:00	0.50	ABANDP	30	G	P		ROAD RIG TO NEXT LOCATION
3/3/2020	12:00 - 13:00	1.00	ABANDP	52	I	P		TRAVEL TO LOCATION. CHECK PRESSURES & REPORT. SICP 0 PSI W/ NO BUBBLES. SISC 0 PSI W/ NO LEAKS.
3/26/2020	12:00 - 13:00	1.00	ABANDZ	53	B	P		DUG UP SURFACE CASING
	13:00 - 14:00	1.00	ABANDZ	53	C	P		CUT CASING 6' BELOW GL, CEMENT AT SURFACE
	14:00 - 15:00	1.00	ABANDZ	53	A	P		CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO

US ROCKIES REGION  
**Operation Summary Report**

Well: UPRR 38 PAN AM "O" TRUE #2		Spud date: 3/1/1983	
Project: COLORADO-WELD-NAD83-UTM13		Site: UPRR 38 PAN AM "O" TRUE #2	Rig name no.: RANGER 4/4, BRIGADE 10/10
Event: ABANDONMENT		Start date: 9/21/2018	End date: 3/26/2020
Active datum: RKB @4,896.99usft (above Mean Sea Level)		UWI: 0/2/N/65/W/5/0/SESW/6/0/0/0/0/0/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	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. CODL/ JSND.