

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

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Well: UPRR 42 PAN AM "M" #1						Spud date: 9/17/1974		
Project: COLORADO-WELD-NAD83-UTM13			Site: UPRR 42 PAN AM "M" #1			Rig name no.: LEED/724		
Event: ABANDONMENT			Start date: 4/22/2016			End date:		
Active datum: RKB @5,050.00usft (above Mean Sea Level)				UWI: SW/NE/0/1/N/67/W/15/0/0/6/PM/N/1,650.00/E/0/1,540.00/0/0				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
4/21/2016	8:00 - 12:00	4.00	ABANDP	35	1	P		MIRU Core-Tech. Fish plunger @ 8079', fish floater @ 8080', tag bottom @ 8153'. Run bomb from 8123' to 100'. RDMO Core-Tech. Entered by Mike Lutkin on 5/3/16.
4/22/2016	5:30 - 7:00	1.50	ABANDP	33	1	P		NOTIFY PROD FOREMAN/FIELD COORDINATOR, MIRU FLARE EQUIP/PULL AUTOMATION
	7:00 - 7:05	0.08	ABANDP	52	I	X		TP350/CP350/SP2, BLOW DOWN SFC TO 0 PSI IN 5 SECONDS,SFC REMAINED DEAD, NO FLUID PRODUCED
	7:05 - 9:30	2.42	ABANDP	33	F	P		BLOW DOWN CSG THROUGH FLARE TO 100#, BLOW DOWN TBG THROUGH FLARE TO 80#, PUMPED 55 BBLS WATER W/BIO DOWN CSG, WENT ON VAC @ 4 BBLS AWAY, PUMPED 25 BBLS DOWN TBG, WENT ON VAC @ 3 BBLS AWAY, 19 MCF'S BURNED
	9:30 - 10:00	0.50	ABANDP	33	1	P		RDMO FLARE EQUIP
	10:00 - 10:30	0.50	ABANDP	30	A	P		MIRU LEED 724
	10:30 - 11:00	0.50	ABANDP	30	F	P		ND WH/NU BOP'S
	11:00 - 13:00	2.00	ABANDP	31	I	P		UNLAND 2.375" J55 TBG, TOO H TALLYING
	13:00 - 15:45	2.75	ABANDP	31	I	P		PU 4.5" SCRAPER, TIH TO 8070', TOO H
	15:45 - 16:00	0.25	ABANDP	30	F	P		SWI, SDFN
	16:00 - 17:00	1.00	ABANDP	30	G	P		CT TO YARD
4/25/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		CT TO LOC
	7:00 - 7:05	0.08	ABANDP	52	I	X		CP180/SP2, OPENED SFC TO TANK, BLEW DOWN TO 0 PSI IN 2 MINUTES, LEFT SFC OPEN TO TANK DURING THE DAY, NO FLUID PRODUCED, SFC REMAINED DEAD
	7:05 - 7:30	0.42	ABANDP	30	E	P		PUMPED 30 BBLS TO KILL WELL
	7:30 - 8:00	0.50	ABANDP	33	E	P		MIRU TESTER
	8:00 - 9:30	1.50	ABANDP	31	I	P		PU 4.5" CIBP, 254 JNTS 2.375" J55 TBG, TIH TESTING TBG TO 3000#, SET CIBP @ 8048' KB
	9:30 - 10:00	0.50	ABANDP	33	E	P		RDMO TESTER
	10:00 - 11:00	1.00	ABANDP	31	H	X		PUMPED 200 BBLS WATER W/BIO, NO CIRC TO SFC, TBG ON VAC
	11:00 - 11:05	0.08	ABANDP	46	A	P		CALL APC (MIKE LEE), DECIDED TO SET ANOTHER CIBP
	11:05 - 12:30	1.42	ABANDP	31	I	P		TOOH
	12:30 - 13:00	0.50	ABANDP	34	1	P		MIRU WL
	13:00 - 13:45	0.75	ABANDP	34	I	P		RIH, SET CIBP @ 8010', POOH
	13:45 - 14:45	1.00	ABANDP	31	I	P		PU 253 JNTS, TIH TO 8005'
	14:45 - 15:30	0.75	ABANDP	31	H	P		CIRC GAS OOH
	15:30 - 15:45	0.25	ABANDP	33	C	P		TEST CIBP TO 1000# FOR 15 MINS, GOOD TEST
	15:45 - 17:00	1.25	ABANDP	31	I	P		TOOH
	17:00 - 19:00	2.00	ABANDP	34	J	P		RUN CBL/VDL FROM 8010' TO SFC
	19:00 - 19:15	0.25	ABANDP	34	1	P		RDMO WL
	19:15 - 19:30	0.25	ABANDP	30	C	P		SWI, SDFN
	19:30 - 20:30	1.00	ABANDP	30	G	P		CT TO YARD
4/26/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		CT TO LOC

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Well: UPRR 42 PAN AM "M" #1

Spud date: 9/17/1974

Project: COLORADO-WELD-NAD83-UTM13

Site: UPRR 42 PAN AM "M" #1

Rig name no.: LEED/724

Event: ABANDONMENT

Start date: 4/22/2016

End date:

Active datum: RKB @5,050.00usft (above Mean Sea Level)

UWI: SW/NE/0/1/N/67/W/15/0/0/6/PM/N/1,650.00/E/0/1,540.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:00 - 7:05	0.08	ABANDP	52	I	X		CP0/SP2, OPENED SFCX TO TANK, BLEW DOWN TO 0 PSI IN 10 SECONDS, LEFT SFC OPEN TO TANK, REMAINED DEAD THROUGHOUT DAY
	7:05 - 7:30	0.42	ABANDP	34	1	P		MIRU WL
	7:30 - 8:00	0.50	ABANDP	34	H	P		PU 3 1/8", 3 SPF PERF GUNS, SHOOT 2' OF SQ HOLES @7400' & 4' OF SQ HOLES @6870', POOH
	8:00 - 9:30	1.50	ABANDP	31	I	P		PU 4.5" CICR, 218 JNTS 2.375" TBG, TIH, SET CICR @ 6900'
	9:30 - 10:30	1.00	ABANDP	31	H	P		CIRC 100 BBLS THROUGH NIO SQ HOLES, 2 BPM @ 500 PSI
	10:30 - 11:00	0.50	ABANDP	47	A	P		MIRU SCHLUMBERGER
	11:00 - 11:45	0.75	ABANDP	51	A	P		PUMP 15 BBLS SAPP, 47 BBLS (171 SXS) CEMENT, DISPLACE 24.7 BBLS
	11:45 - 12:00	0.25	ABANDP	31	I	P		PUH TO 6500'
	12:00 - 12:40	0.67	ABANDP	31	H	P		CIRC CLEAN
	12:40 - 14:00	1.33	ABANDP	31	I	P		TOOH
	14:00 - 14:15	0.25	ABANDP	34	1	P		MIRU WL
	14:15 - 14:30	0.25	ABANDP	34	H	P		PU 3 1/8" 3 SPF PERF GUNS, SHOOT 2' OF SQ HOLES @4920' & 4' OF HOLES @4355', POOH
	14:30 - 14:45	0.25	ABANDP	34	1	P		RDMO WL
	14:45 - 15:00	0.25	ABANDP	30	C	P		SWI, SDFN
	15:00 - 16:00	1.00	ABANDP	30	G	P		CT TO YARD
4/27/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		CT TO LOC
	7:00 - 7:05	0.08	ABANDP	52	I	P		CP0/SP0, OPENED SFC TO TANK, REMAINED DEAD THROUGHOUT THE DAY
	7:05 - 7:45	0.67	ABANDP	31	I	P		PU 4.5" CICR, 139 JNTS 2.375" J55 TBG, TIH, SET CICR @ 4398'
	7:45 - 10:15	2.50	ABANDP	31	H	X		PUMPED 150 BBLS WATER W/BIO THROUGH CICR, 1900 PSI @ 1.5 BPM, NO CIRC TO SFC
	10:15 - 10:20	0.08	ABANDP	46	A	S		CALL APC, TALKED TO MIKE LEE, DECIDED TO LEAVE 5 BBLS ON TOP OF CICR AND PUT 500 PSI ON CSG FOR 15 MINS TO PUSH CEMENT INTO TOP SQUEEZE HOLES
	10:20 - 11:15	0.92	ABANDP	51	A	P		PUMPED 10 BBLS WATER SPACER, 10 BBLS SMS, 69.5 BBLS 15.8 CEMENT SLURRY, DISPLACE 12 BBLS WATER
	11:15 - 11:45	0.50	ABANDP	31	H	P		PRESSURED UP CSG TO 500# FOR 15 MINS TO PUSH CEMENT INTO TOP SQ HOLES
	11:45 - 12:00	0.25	ABANDP	31	I	P		STING OUT OF CICR, PUH TO 3987'
	12:00 - 12:15	0.25	ABANDP	31	H	P		CIRC CLEAN
	12:15 - 13:30	1.25	ABANDP	31	I	P		TOOH
	13:30 - 13:45	0.25	ABANDP	34	1	P		MIRU WL 1536
	13:45 - 14:00	0.25	ABANDP	34	H	P		SHOOT FOX HILLS SQ HOLES, 2' @1540', 4' @850', POOH
	14:00 - 14:30	0.50	ABANDP	34	1	P		RDMO WL
	14:30 - 15:00	0.50	ABANDP	30	C	P		SWI, SDFN
	15:00 - 16:00	1.00	ABANDP	30	G	P		CT TO YARD
4/28/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		CT TO LOC
	7:00 - 7:05	0.08	ABANDP	52	I	P		CP0/SP0, OPENED SFC TO TANK, REMAINED DEAD UNTIL CSG WAS CUT AND WE CIRCULATED THROUGH SFC

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Spud date: 9/17/1974

Project: COLORADO-WELD-NAD83-UTM13

Site: UPRR 42 PAN AM "M" #1

Rig name no.: LEED/724

Event: ABANDONMENT

Start date: 4/22/2016

End date:

Active datum: RKB @5,050.00usft (above Mean Sea Level)

UWI: SW/NE/0/1/N/67/W/15/0/0/6/PM/N/1,650.00/E/0/1,540.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:05 - 7:30	0.42	ABANDP	31	I	P		PU 4.5" CICR, 28 JNTS 2.375" J55 TBG, TIH, SET CICR @ 917'
	7:30 - 9:00	1.50	ABANDP	31	H	X		PUMPED 150 BBLS WATER W/BIO, NO CIRC TO SFC
	9:00 - 9:05	0.08	ABANDP	46	A	P		CALL APC (MIKE LEE), IT WAS DECIDED TO GO AHEAD WITH CEMENT JOB AND LEAVE 5 BBLS ON RETAINER INSTEAD OF 3BLLS, FOLLOWED BY PRESSURING UP ON CEMENT TO 500 PSI FOR 15 MINS TO PUSH CEMENT INTO TOP HOLES
	9:05 - 9:30	0.42	ABANDP	47	A	P		MIRU SCHLUMBERGER
	9:30 - 10:45	1.25	ABANDP	51	A	P		PUMP 10 BBLS SAPP, 469 SX FOX HILLS SUICIDE SQUEEZE, STING OUT OF RETAINER & PUMP 1.5 ADDITIONAL BBLS CEMENT TO LEAVE 5 BBLS ON RETAINER( TBG CAPACITY WAS ONLY 3.5 BBLS), DISPLACE 1 BBL TO CLEAR LINES
	10:45 - 11:00	0.25	ABANDP	31	I	P		PUH TO 500'
	11:00 - 11:15	0.25	ABANDP	31	H	P		CIRC CLEAN
	11:15 - 11:30	0.25	ABANDP	33	C	P		PRESSURED UP TO 500 PSI FOR 15 MINS TO SHOVE CEMENT INTO TOP HOLES, 200 PSI BLED OFF IN THE 15 MINS PRESSURE WAS HELD
	11:30 - 11:45	0.25	ABANDP	31	I	P		TOOH
	11:45 - 12:00	0.25	ABANDP	34	I	P		MIRU WL
	12:00 - 12:15	0.25	ABANDP	34	A	P		CUT CSG @ 240', POOH
	12:15 - 12:30	0.25	ABANDP	34	I	P		RDMO WL
	12:30 - 13:00	0.50	ABANDP	31	H	P		CIRC DOWN CSG UP THROUGH SFC TILL CLEAN
	13:00 - 14:00	1.00	ABANDP	30	F	P		ND BOP'S/WH, NU 4.5" BOP'S/SPOOL
	14:00 - 14:30	0.50	ABANDP	31	I	P		UNLAND CSG, TOOH, LD 240' OF CSG
	14:30 - 15:00	0.50	ABANDP	30	C	P		SWI,SDFN
	15:00 - 16:00	1.00	ABANDP	30	G	P		CT TO YARD
4/29/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		CT TO LOC
	7:00 - 7:05	0.08	ABANDP	52	I	P		SP0, OPENED SFC TO TANK FOR STUB PLUG RETURNS, SFC SHOWED NO SIGNS OF PRESSURE UNTIL CEMENT JOB WAS STARTED, SFC RETURNED TO 0 PSI AFTER JOB WAS COMPLETED
	7:05 - 9:00	1.92	ABANDP	31	I	X		PU 7 JNTS 2.375" TBG, TIH TO 240', HAD TROUBLE GETTING INSIDE OF 4.5" CSG, KEPT STACKING OUT ON CSG STUB AND HEAVY MUD
	9:00 - 10:30	1.50	ABANDP	31	H	P		CIRCULATED DOWN TO 411' W/13 JNTS
	10:30 - 11:00	0.50	ABANDP	47	A	P		MIRU SCHLUMBERGER
	11:00 - 11:30	0.50	ABANDP	51	D	P		PUMPED 10 BBLS SAPP, 20 BBL FRESH SPACER, 15.32 BBLS CEMENT, DISPLACED 1 BBL TO CLEAR LINES
	11:30 - 11:40	0.17	ABANDP	31	I	P		LD 10 JNTS
	11:40 - 12:00	0.33	ABANDP	31	H	P		CIRC CLEAN @ 90'
	12:00 - 12:05	0.08	ABANDP	31	I	P		LD TBG
	12:05 - 12:15	0.17	ABANDP	47	A	P		RDMO SCHLUMBERGER
	12:15 - 12:30	0.25	ABANDP	30	F	P		SWI, SDFN
	12:30 - 13:30	1.00	ABANDP	30	G	P		CT TO YARD
5/2/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		CT TO LOC
	7:00 - 7:05	0.08	ABANDP	52	I	P		OPENED SFC TO TANK, NO PRESSURE, NO GAS FLOWING, SFC REMAINED DEAD UNTIL CIRC WAS ESTABLISHED AND RETURNED TO 0 PSI AFTER CEMENT JOB WAS COMPLETED

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Site: UPRR 42 PAN AM "M" #1

Rig name no.: LEED/724

Event: ABANDONMENT

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:05 - 7:30	0.42	ABANDP	31	I	X		PU 7 JNTS 2.375" TBG, TIH, TAG TOC @ 220', EXPECTED TOC SHOULD HAVE BEEN 100'
	7:30 - 7:40	0.17	ABANDP	46	A	P		CALLED APC FOR REVISED PROCEDURE, STERLING METZGER AND RYAN HOLLINSHEAD, IT WAS DECIDED TO PUMP AN ADDITIONAL 110 SX TO GET CEMENT TO TARGET DEPTH
	7:40 - 8:00	0.33	ABANDP	46	F	Z		CALLED AND ORDERED 110 SX FROM SCHLUMBERGER, THEY STATED THAT IT THEY COULD NOT BE ON LOCATION AT 7:00 AM ON 5/3/16 OR GIVE A RELIABLE TIME OF ARRIVAL DUE TO THE VOLUME OF CEMENT JOBS SCHEDULED ON 5/3/16 SO I DECIDED TO WAIT FOR THEM AND ACCOMPLISH THE JOB ON 5/2/16
	8:00 - 14:30	6.50	ABANDP	46	F	P		WAIT ON SCHLUMBERGER
	14:30 - 16:00	1.50	ABANDP	47	A	P		MIRU CEMENTERS
	16:00 - 16:30	0.50	ABANDP	51	D	P		PUMPED 110 SX FROM 220'-SFC
	16:30 - 16:35	0.08	ABANDP	31	I	P		PUH TO 94'
	16:35 - 16:45	0.17	ABANDP	31	H	P		CIRC CLEAN
	16:45 - 17:15	0.50	ABANDP	47	A	P		RDMO SCHLUMBERGER
	17:15 - 17:30	0.25	ABANDP	30	F	P		SWI, SDFN
	17:30 - 18:30	1.00	ABANDP	30	G	P		CT TO YARD
5/3/2016	5:30 - 6:30	1.00	ABANDP	30	G	P		CT TO LOC
	6:30 - 6:35	0.08	ABANDP	52	I	P		SFC HAD NO PRESSURE ON IT, REMAINED DEAD UNTIL END OF JOB
	6:35 - 6:45	0.17	ABANDP	31	I	P		PU 3 JNTS 2.375" TBG, TAG TOC @ 94', POOH
	6:45 - 7:00	0.25	ABANDP	34	1	P		MIRU WL
	7:00 - 7:15	0.25	ABANDP	34	I	P		SET 8.63" CIBP, POOH
	7:15 - 7:30	0.25	ABANDP	34	1	P		RDMO WL
	7:30 - 8:00	0.50	ABANDP	30	C	P		RDMO LEED 724
5/16/2016	6:00 - 7:00	1.00	ABANDP	52		P		Pressure tested CIBP, surface casing to 500 psi, good test
	7:00 - 8:00	1.00	ABANDP	53	B	P		dug up surface casing
	8:00 - 9:00	1.00	ABANDP	53	C	P		cut casing 6' below GL, tagged @ 82'
	9:00 - 10:00	1.00	ABANDP	53	B	P		filled casing stub with 39 bags 5000 psi cement
	10:00 - 11:00	1.00	ABANDP	53	A	P		capped casing with a metal plate containing well info
	11:00 - 12:00	1.00	ABANDP	53	B	P		backfilled