

US ROCKIES REGION
Operation Summary Report

Well: RUTT 3				Spud date: 4/4/1983					
Project: COLORADO-WELD-NAD83-UTM13				Site: RUTT 3				Rig name no.: ENSIGN 122/122	
Event: RE ENTER				Start date: 12/2/2018			End date: 12/21/2018		
Active datum: RKB @4,838.00usft (above Mean Sea Level)				UWI: SE/SW/0/4/N/68/W/13/0/0/6/PRIME/S/2,040.00/W/0/600.00/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation	
10/24/2018	7:00 - 17:00	10.00	SURFPR	53		P		MILLER HFI HYDROVAC TO EXPOSE WELL. INSTALL STRING FENCE AROUND LOCATION / DOWN LEASE ROAD. INSTALL 3 CULVERTS, 2 SIDE DUMPS OF SCREENED TOPSOIL MATERIAL USED FOR CULVERT INSTALLS, SKID STEER AND BACKHOE USED TO EXCAVATE AROUND OLD WELL. BUILD ENTRANCES.	
10/26/2018	7:00 - 17:00	10.00	SURFPR	53		P		MILLER HFI USED CREW AND BACKHOE TO ASSIST WELDER, SET CELLAR, BACKFILL AND COMPACT.	
11/20/2018	7:00 - 15:00	8.00	SURFPR	53		P		11/19/18 MILLER HFI DELIVERED CULVERTS FOR WORK 11/20/18. MILLER HFI USED SKID STEER TO SET AND EXTEND CULVERT. USED TANDEM TO HAUL SCREENED TOPSOIL AND BELLY DUMP TO HAUL ROADBASE FOR WIDENING ENTRANCE SOUTH INTO LOCATION.	
11/30/2018	-								
12/2/2018	0:00 - 7:00	7.00	ABANDP	01	E	P		WAIT ON DAYLIGHT	
	7:00 - 11:00	4.00	ABANDP	01	A	P		MOVE ENSIGN RIG 122 W/ 6 TRUCKS & FORKLIFT, SPOT LOADS, RELEASE TRUCKS	
	11:00 - 15:00	4.00	ABANDP	01	B	P		RIG UP ELECTRICAL, HYDRAULIC, MUD LINES, RAISE DOG HOUSE & DERRICK, RIG UP FLOOR & CAT WALK	
	15:00 - 19:30	4.50	ABANDP	14	A	P		N/U BOP, FUNCTION TEST LINES, R/U FLOWLINE	
	19:30 - 21:30	2.00	ABANDP	14	B	P		TEST BOP PIPE, BLIND RAMS, CHOKE MANIFOLD, HCR, ANNULAR TO 250 LOW 1500 HIGH	
	21:30 - 22:30	1.00	ABANDP	01	B	P		RIG UP FLARE LINE	
	22:30 - 23:15	0.75	ABANDP	02	F	P		P/U 7 7/8" ROCK BIT & BIT SUB, RIH, TAG CMT @ 22' DRILL PLUG TO 34'	
	23:15 - 0:00	0.75	ABANDP	03	E	P		WASH & REAM TO 100'	
12/3/2018	0:00 - 2:15	2.25	ABANDP	03	E	P		CONTINUE WASH & REAM F/ 100' DRILLING CEMENT, DRILLED TO 238' STARTED STALLING OUT TOPDRIVE AND STICKING PIPE, MADE CONNECTION SLIDE STRING DOWN HOLE WITH NO PROBLEMS, WENT TO CLEAN OUT SPOT AND STUCK PIPE. GETTING ALL KINDS OF DEBRIS OVER THE SHAKER, POP CANS, RAGS, RUBBER, THICK PEICES OF WIRE.	
	2:15 - 3:15	1.00	ABANDP	22	A	X		WORK STUCK PIPE INSIDE CASING, INSTANT OVER PULL, STACK OUT & TORQUE, WORKED FREE LAID DOWN JT. WORK STRING FREE.	
	3:15 - 3:45	0.50	ABANDP	06	A	X		TOOH TO CHECK BIT, NO SCARING OR ANY KIND OF DAMAGE TO THE BIT.	
	3:45 - 5:15	1.50	ABANDP	06	A	X		TIH TO 240' TAG UP & DRILL WITH 2-4K WEIGHT, BOUNCING STRING & TORQUING UP, FINALLY PUSHED THROUGH @ 250', BACK REAMED SEVERAL TIMES & CLEANED UP SECTION.	
	5:15 - 5:15	0.00	ABANDP	03	E	P		WASH & REAM F/ 250'	

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Project: COLORADO-WELD-NAD83-UTM13

Site: RUTT 3

Rig name no.: ENSIGN 122/122

Event: RE ENTER

Start date: 12/2/2018

End date: 12/21/2018

Active datum: RKB @4,838.00usft (above Mean Sea Level)

UWI: SE/SW/0/4/N/68/W/13/0/0/6/PRIME/S/2,040.00/W/0/600.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	5:15 - 9:30	4.25	ABANDP	03	E	P		CONTINUE WASHING/REAMING DOWN. FEELS LIKE JUNK IN HOLE BIT DOESNT TAKE WAIT,AT 915' TORQUING. RETURN'S HAVE RAGS IN IT, AND A LITTLE WOOD,POP CANS & METAL KEEP WASHING DOWN. BOP DRILL AT 09:14, 45sec EVRY BODY TO POST & READY.
	9:30 - 0:00	14.50	ABANDP	03	E	P		CONTINUE WASHING DOWN TO CIRCULATING BOTTOMS UP EVERY 500' RETURN'S GOOD, 4526' @MIDNIGHT
12/4/2018	0:00 - 2:30	2.50	ABANDP	03	E	P		CONTINUE WASHING DOWN TO 5469' TAGGED CASING, CIRCULATING BOTTOMS UP EVERY 500' RETURN'S GOOD
	2:30 - 3:00	0.50	ABANDP	05	C	P		CIRC. BTMS UP, FLOW CHECK - NO FLOW
	3:00 - 7:00	4.00	ABANDP	06	A	P		TOOH, L/D BIT & BIT SUB
	7:00 - 12:00	5.00	ABANDP	06	C	P		TIH OPEN ENDED BACK TO 5448'
	12:00 - 13:00	1.00	ABANDP	05	C	P		CIRCULATE 364bbl's CONDITION HOLE.
	16:00 - 17:00	1.00	ABANDP	12	G	P		MIRU C&J SERVICES, PUMP 5bbl's FRESH,10bbl's SAPP,5bbl's FRESH 180sx(48.7bbl's) CLASS G CEMENT 15.8ppg 1.52ft3/sx 4bbl's/min @ 100psi DISPLACE 51bbl's FRESH,RD C&J SERVICES.RETURNS DURING JOB GOOD.
	17:00 - 20:00	3.00	ABANDP	06	A	P		PUH END OF 4" DP @4363' CIRCULATE WOC.
	20:00 - 22:15	2.25	ABANDP	11	B	P		MIRU CORE-TECH RIH TAG TOC @4375'.POOH RDMO SLICKLINE, HAD A FEW ISSUES, RETIED TOOL TWICE, DIDNT WANT TO DROP THROUGH STUMP.
	22:00 - 16:00		ABANDP	10	C	P		MIRU CORE-TECH RU GYRO TOOL RIH DOWN TO 5400'.POOH RDMO CORE-TECH EMAIL GYRO TO APC.
	22:15 - 0:00	1.75	ABANDP	12	G	P		MIRU C&J SERVICES, WENT TO FILL LINES & TEST & HOSE WAS FROZE & UNABLE TO RELEASE PRESSURE, RUN STEAM LINE OVER, WRAP AROUND HOSE & LET STEAM UNDER BLANKET ON MANIFOLD TO THAW LINES, RELEASED PRESSURE, FOUND END OF MANIFOLD & 14' OF HOSE WAS FROZE.
12/5/2018	0:00 - 0:30	0.50	ABANDP	12	G	P		PUMP 5bbl's FRESH,10bbl's SAPP,5bbl's FRESH 180sx(77.2bbl's) CLASS G CEMENT 12ppg 2.41ft3/sx 5bbl's/min @ 100psi DISPLACE 30.5bbl's FRESH,RD C&J SERVICES.RETURNS DURING JOB GOOD.
	0:30 - 3:15	2.75	ABANDP	06	C	P		PUH SLOWLY THROUGH CEMENT TO 680' - WOC
	3:15 - 4:00	0.75	ABANDP	13	B	P		CIRC. TO CLEAR PIPE, WAIT ON CEMENT
	4:00 - 4:30	0.50	ABANDP	11	B	P		R/U CORE-TECH RIH TAG CMT @ 4375', POH
	4:30 - 8:30	4.00	ABANDP	13	B	P		WAIT 4 MORE HRS. ON CEMENT
	8:30 - 9:00	0.50	ABANDP	11	B	P		RIH TO TAG CEMENT, TAG @1674' CALL APC JOSH DECIDE TO TAG W/DRILL PIPE
	9:00 - 14:30	5.50	ABANDP	06	C	P		TIH FEEL LITTLE BOBBLE @ 1674' KEEP TIH TAG HARD @4007'.CALL APC JOSH DECIDED TO PUMP 200sx
	14:30 - 14:45	0.25	ABANDP	08	A	P		WEIGHT INDICATORS NOT READING RIGHT FIX ISSUE
	14:45 - 15:30	0.75	ABANDP	05	C	P		RU PUMP CIRCULATE BOTTOMS UP

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Event: RE ENTER

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	15:30 - 16:30	1.00	ABANDP	12	G	P		EODP @ 3974' RU C&J SERVICES PUMP 200sx(85.8bbl's) CLASS G CEMENT 12ppg 2.41ft3/sx 4bbl's/min @ 100psi DISPLACE 26bbl's FRESH,RD C&J SERVICES.RETURNS DURING JOB GOOD.
	16:30 - 20:00	3.50	ABANDP	13	B	P		PUH EODP @690' CIRCULATE WAIT ON CEMENT TO HARDEN
	20:00 - 21:30	1.50	ABANDP	10	C	P		R/U CORE-TECH RIH TAG CMT. @ 1680', PUH to 686'.
	21:30 - 22:30	1.00	ABANDP	12	G	P		RU C&J SERVICES PUMP 220sx(53.6bbl's) CLASS G CEMENT 14.6ppg 1.37ft3/sx 4bbl's/min @ 100psi DISPLACE 26bbl's FRESH,RD C&J SERVICES.RETURNS DURING JOB GOOD. NO CEMENT TO SURFACE
	22:30 - 23:15	0.75	ABANDP	06	C	P		TOH 45 FT. PER/MIN TO 113' WOC
	23:15 - 0:00	0.75	ABANDP	13	B	P		WOC TO SET
12/6/2018	0:00 - 1:15	1.25	ABANDP	13	B	P		WOC TO SET
	1:15 - 2:15	1.00	ABANDP	11	A	P		RIH W/ WIRELINE, TAG CMT @ 146', POH, P/U BRIDGE PLUG, RIH TO 83' KB - 70 FT. GROUND LEVEL SET PLUG, MOVED UP HOLE 10' DUE TO COLLAR @ 80', POH, R/D WIRELINE
	2:15 - 12:00	9.75	ABANDP	01	E	P		START RIGGING DOWN RIG, HAUL OFF MUD & WATER, CLEAN MUD TANKS, RELEASE RIG @
12/20/2018	10:00 - 11:00	1.00	ABANDZ	52		P		PRESSURE TESTED CIBP, SURFACE CASING TO 500 PSI
	11:00 - 12:00	1.00	ABANDZ	53	B	P		DUG UP SURFACE CASING
	12:00 - 13:00	1.00	ABANDZ	53	C	P		CUT CASING 6' BELOW GL, TAGGED @ 32'
	13:00 - 14:00	1.00	ABANDZ	53	B	P		FILLED CASING STUB WITH 20 BAGS 5000 PSI CEMENT
	14:00 - 15:00	1.00	ABANDZ	53	A	P		CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO
	15:00 - 16:00	1.00	ABANDZ	53	B	P		BACKFILLED
	16:00 - 16:00	0.00	ABANDZ	53	F	P		PLACED MARKER BALL
	14:30 - 14:30	0.00	ABANDP	50		P		RE-ENTRY P&A'd OFFLINE. NB-CD/ JSND.