

US ROCKIES REGION
Operation Summary Report

Well: **HSR-POE 12-21A**

Spud date: 4/7/1993

Project: COLORADO-WELD-NAD83-UTM13

Site: HSR-POE 12-21A

Rig name no.: CONCORD 3/3

Event: CONST- CAP WELL WORK

Start date: 2/3/2016

End date:

Active datum: RKB @4,984.99usft (above Mean Sea Level)

UWI: 0/3/N/66/W/21/0/NWSW/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/19/2014	9:30 - 10:00	0.50	WO/REP	30	G	P		DRIVE RIG TO LOCATION. THIS MIGHT BE THE WORLDS MUDDIEST LOCATION. CAT PULLING EVERYONE DOWN THE ROAD TO WH. COLD AND WINDY, SNOW PICKING UP.
	10:00 - 12:45	2.75	WO/REP			P		NAIL ALREADY RU AND FLARING WELL WHEN WE ARRIVED. WO FLARE CREW TO FINISH. RDMO FLARE CREW
	12:45 - 15:00	2.25	WO/REP	30		P		RU CONCORD 3. COULD NOT GET SLICKLINE IN BECAUSE THE COMPANY POLICY IS THAT THEY CANNOT BE PUSHED TOWARDS THE WH, ONLY PULLED AND THE RIG IS IN THE WAY. THEY WILL TRY FIRST THING TOMORROW MORNING TO FISH AND TAG WHEN GROUND IS FROZEN.
	15:00 - 16:00	1.00	WO/REP	30	G	P		CREW TRAVEL FROM LOC
2/1/2016	8:00 - 9:00	1.00	MIRU	53	B	P		TP400/CP400/SP0, MIRU FLARE EQUIP/PULL AUTOMATION
	9:00 - 12:30	3.50	WO/REP	53	B	P		BLOW DOWN CSG TO 80#, BLOW DOWN TBG TO 80#, RIG WAS MOVING IN, FLARE CREW WAS TOLD BY CONSULTANT TO RDMO
	12:30 - 13:00	0.50	RDMO	53	B	P		SWI, RDMO FLARE EQUIP
2/3/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION
	7:00 - 9:30	2.50	WO/REP	35	A	P		GROUND WAS FROZEN ENOUGH FOR SL TO MAKE IT TO WH. TAG AND FISH WHILE RIG CREW WARMS UP RG, CONNECTS LINES. TAG FILL AT 7962' (WHICH IS GREATER THAN 30' BELOW BOTTTOM PERF AT 7930' SO WE WILL NOT PLAN ON CO). FFSV AT 7434'.
	9:30 - 13:00	3.50	WO/REP			X		PRESSURE BUILT BACK UP TO 450 PSI CSG AND TBG. RU NAIL TECH TO FLARE AND KILL WELL. PUMP 30 BBLS DOWN CSG AND 20 DOWN TUBING TO CONTROL WELL.
	13:00 - 14:00	1.00	WO/REP	30	F	P		ND WH, NU 2-3/8" BOPS. UNLAND TBG. RU EMI.
	14:00 - 16:00	2.00	WO/REP	31	I	P		TOOH W/ TUBING. EMI AND TALLY OUT.
	16:00 - 16:30	0.50	WO/REP					RD EMI. CHANGE OVER TO 1.25" RIG EQUIPMENT.
	16:30 - 16:45	0.25	WO/REP	31	I	P		CONTINUE TOOH AND LD 1.25" TBG.
	16:45 - 17:30	0.75	WO/REP	31	I	P		PU 4.5" CASING SCRAPER ON 2-3/8" TBG. RIH. 118 JOINTS IN HOLE. SI AND SECURE WELL FOR THE NIGHT.
	17:30 - 18:30	1.00	WO/REP	30	G	P		CREW TRAVEL FROM LOC
2/4/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOC
	7:00 - 7:30	0.50	WO/REP	30		P		TBG/CSG PRESSURE 200 PSI. CONTROL WELL.
	7:30 - 8:30	1.00	WO/REP	31	I	P		CONTINUE TIH W/ 228 JOINTS AND 4.5" CASING SCRAPER.
	8:30 - 10:30	2.00	WO/REP	31	I	P		TOOH, SB 105 JTS GOOD TBG. A&W DOES NOT HAVE ANY TRAILERS AVAILABLE SO DECIDED TO PU 110 JTS NEW TBG FROM TRAILER AND RUN BACK TO BOTTOM, TALLY IN. 120 RED JOINTS AT BOTTOM, 110 GOOD JOINTS ON TOP.
	10:30 - 12:00	1.50	WO/REP	31	I	P		TOOH SB 110 JTS NEW TBG. LD RED JTS.

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	12:00 - 12:30	0.50	WO/REP					CREW LUNCH
	12:30 - 13:00	0.50	WO/REP	31	I			CONTINUE TOO. LD SCRAPER.
	13:00 - 13:30	0.50	WO/REP			S		REALIZED THIS WELL WAS NOT LANDED WITH A CORRECT MANDREL. WE HAVE A 6 PIN WH AND ONLY 4 PIN COMPATABLE MANDRELS AVAILABLE. CALL NAIL TO GET 4 PIN BOTTOM PEICE OF WH.
	13:30 - 15:00	1.50	WO/REP	31	I	S		RIH WITH RBP AND 110 JOINTS SO WE CAN ND BOPS AND SAFELY REPLACE BOTTOM PART OF WH WITH NEW 4 PIN WH WITH CORRECT MANDREL.
	15:00 - 15:30	0.50	WO/REP	31	G	S		SET RBP. CIRC GAS OUT OF HOLE. PT RBP TO 1000 PSI. BLED DOWN TO 100 PSI IN 1 MIN. TRY 2 MORE TIMES WITH SAME RESULT. CASING IS FROM 1993, NO SQZ, PERFS, NO RECORD OF HOLES IN CSG, NO DV TOOL. MORE LIKELY THAT RBP FAILED THAN HOLE IN CASING. CALL FOR NEW RBP.
	15:30 - 16:30	1.00	WO/REP	31	I	S		RELEASE RBP AND TOO. VISUAL INSPECTION OF RBP LOOKS FINE. RUBBER LOOK BRAND NEW, NO BAD SCRAPES OR ANYTHING ALARMING.
	16:30 - 17:30	1.00	WO/REP	31	I	S		PU NEW RBP AND TIH
	17:30 - 18:00	0.50	WO/REP	31	I	S		CIRC HOLE AND SET RBP #2 TO 1000 PSI. BLED TO 100 PSI IN 1 MIN. MUST HAVE CASING LEAK. PULL 10 STANDS. SI WELL FOR THE NIGHT.
	18:00 - 19:00	1.00	WO/REP	30	G	P		CREW TRAVEL FROM LOC
2/5/2016	7:30 - 8:30	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOC
	8:30 - 9:30	1.00	WO/REP	31	I	S		0 PSI ON TBG, CSG AND BH. TOO. W/ 2-3/8" TBG
	9:30 - 11:00	1.50	WO/REP	31	I	S		PU RETREIVING TOOL AND PACKER ON TBG. TIH W/ 109 JOINTS (1 JT ABOVE RBP).
	11:00 - 11:30	0.50	WO/REP	31	C	S		CIRC WELL. SET PACKER. PT BELOW PACKER TO 1000 PSI. TEST GOOD, NO LEAK OFF. PT ABOVE PACKER TO 1000, TEST FAILED. MONITORED BRADEN HEAD DURING TEST. NO FLUID TO SURFACE. UN SET PACKER. RELEASE RBP.
	11:30 - 12:00	0.50	WO/REP	31	I	S		TIH W/ 221 JOINTS TO SET RBP AT 7058'.
	12:00 - 13:00	1.00	WO/REP	31	G	S		SET RBP. PULL 1 JOINT AND LD. CIRC WELL. CREW LUNCH.
	13:00 - 13:15	0.25	WO/REP	31	C	S		TRY TO SET PACKER WITH 220 JOINTS IN HOLE. COULD NOT GET PACKER TO SET. PULL 1 MORE JOINT. TRY TO SET PACKER WITH 219 JOINTS IN HOLE. PACKER WILL SET AND STAY SET WITH 2-3K ON IT BUT STARTS TO SLIDE DOWN HOLE.
	13:15 - 13:15	0.00	WO/REP	31	I	S		DECIDE TO PULL 30 JOINTS AND TRY TO SET PACKER. ATTEMPT TO SET PACKER WITH 189 JOINTS IN HOLE. NO LUCK
	13:15 - 13:45	0.50	WO/REP	31	I	S		ATTEMPT TO SET PACKER WITH 159 JOINTS IN HOLE. NO LUCK.
	13:45 - 14:30	0.75	WO/REP	31	I	S		ATTEMPT TO SET PACKER WITH 99 JOINTS IN HOLE. NO LUCK. THE PACKER SET AT THIS DEPTHER EARLIER IN THE MORNING MAKING US WONDER IF THE PACKER IS DAMAGED. SPOT SAND ON RBP.
	14:30 - 15:00	0.50	WO/REP	31	I	S		TOOH SB REST OF TBG. TWO OF THE SLIPS ON THE PACKER WERE JAMMED OUT.
	15:00 - 15:30	0.50	WO/REP	30		P		SI AND SECURE WELL FOR WEEKEND.
	15:30 - 16:30	1.00	WO/REP	30	G	P		CREW TRAVEL

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2/8/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVLE TO LOC
	7:00 - 8:15	1.25	WO/REP	31	I	S		PU RETREIVING HEAD AND PACKER. RIH W/ 122 JOINTS TO 4000'. SET PACKER
	8:15 - 8:30	0.25	WO/REP	52	G	S		PT BELOW PACKER TO 1000 PSI. PT GOOD. RELEASE PACKER.
	8:30 - 9:00	0.50	WO/REP	31	I	S		PULL 60 JOINTS. 62 JOINTS IN HOLE.
	9:00 - 9:15	0.25	WO/REP	52	G	S		PT BELOW PACKER FAILED. PT ABOVE PACKER HELD 1000 PSI. HOLE IS BT 62 AND 110 JOINTS.
	9:15 - 9:30	0.25	WO/REP	31	I	S		RELEASE PACKER. TIH 30 JOINTS. 92 JOINTS IN HOLE. SET PACKER. PT ABOVE PACKER. TEST GOOD. HOLE IS BETWEEN 92-110 JONTS.
	9:30 - 9:45	0.25	WO/REP	31	I	S		RELEASE PACKER. TIH 10 JOINTS. 102 JOINTS IN HOLE. SET PACKER. PT ABOVE PACKER. PT FAILED.
	9:45 - 10:15	0.50	WO/REP	31	I	S		PULL 4 JOINTS. 98 JOINTS IN HOLE. SET PACKER AND PT ABOVE. PT GOOD. TIH 2 JOINTS - 100 JOINTS IN HOLE. SET PACKER AND PT ABOVE PACKER. PT FAILED. PULL 1 JOINT - 99 JOINTS IN HOLE, SET PACKER PT ABOVE PASSED. PT BELOW FAILED. HOLE IS BETWEEN JOINT #99 AND 100. DEPTH (WITH KB) 3275-3243'.
	10:15 - 10:30	0.25	WO/REP	31	H	S		ESTABLISH INJECTION. GOT 0.3 BBL/MIN AT ABOUT 800 PSI. 50 PSI ON BRADENHEAD. BLEED OFF PRESSURE. CALL EVANS ENGINEERING TO DISCUSS.
	10:30 - 11:30	1.00	WO/REP	31	I	S		TOOH, SB 2-3/8" TBG. LD PACKER AND RETRIEVING TOOL.
	11:30 - 13:30	2.00	WO/REP	46	A	S		WAIT ON COGCC APPROVAL FOR CEMENT WORK.
	13:30 - 14:30	1.00	WO/REP	31	I	S		TIH WITH 102 JOINTS OF 2-3/8" TBG. EOT 3336'.
	14:30 - 15:30	1.00	WO/REP	30	G	P		SI AND SECURE WELL FOR NIGHT. CREW TRAVEL FROM LOC
2/9/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOC
	7:00 - 8:00	1.00	WO/REP	51	C	S		WARM UP RIG. MIRU SANJEL AND WATER TRUCK
	8:00 - 9:00	1.00	WO/REP	51	C	S		PT LINES TO 3000 PSI. PUMP 10 BBLS WATER FOLLOWED BY 40 SXS 1.15 YLD 15.8 PPG CEMENT PLUG FROM 3336' TO 3128'. PUMPED AT 2BPM AT 300 PSI. POOH 14 JTS TO 2887' AND REVERSE CIRC CLEAN WITH RIG PUMP.
	9:00 - 9:30	0.50	WO/REP	51	C	S		CLOSE BACKSIDE. PRESSURE UP TO 200 PSI WITH SANJEL PUMP. HOLD 10 MIN. PSI HELD STRONG. BRING PRESSURE UP TO 800 PSI AND HOLD 10 MIN. PRESSURE HELD STRONG. PRESSURE UP TO 1000 PSI. HOLD 10 MIN. PRESSURE HELD STRONG. PUMPED 0.5 BBLS TOTAL. BLEED OFF PRESSURE SLOWLY. RDMO SANJEL.
	9:30 - 10:00	0.50	WO/REP	31	I	S		TOOH SB REST OF 2-3/8" TBG.
	10:00 - 10:30	0.50	WO/REP	30		S		CLOSE BACKSIDE AND PRESSURE UP TO 1000 PSI. SI AND WOC. DRAIN LINES.
	10:30 - 11:30	1.00	WO/REP	30		S		CLEAN OUT CMT TANK WITH BOBTAIL
	11:30 - 12:30	1.00	WO/REP	30	G	P		CREW TRAVEL FROM LOCATION
	2/10/2016	6:00 - 7:00	1.00	WO/REP	30	G	P	CREW TRAVEL TO LOC

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	7:00 - 8:00	1.00	WO/REP	30		S		WARM UP RIG, CONNECT LINES. 650 PSI ON WELL DOWN FROM 1000 PSI LEFT ON YESTERDAY. BLEED OFF PRESSURE. PU 3-7/8" CHOMP BIT ON 2-3/8" TBG TO DO CMT.
	8:00 - 9:30	1.50	WO/REP	31	I	S		TIH. TAG TOC W/ 88 JOINTS (~2890'). RU SWIVEL TO DRILL CEMENT.
	9:30 - 16:30	7.00	WO/REP	44	A	S		DO CEMENT. DRILLING ~1 JT IN 45 MIN. ROP 40 FT/HR. CIRC WHILE DRILLING AT ABOUT 2 BPM. GOT 98 JOINTS IN (~3200')
	16:30 - 17:00	0.50	WO/REP	31	H	S		CIRC OUT CUTTINGS.
	17:00 - 17:30	0.50	WO/REP					LD POWER SWIVEL. LD 5 JTS. 93 JOINTS LEFT IN HOLE. SI AND SECURE WELL FOR NIGHT.
	17:30 - 18:30	1.00	WO/REP	30	G	P		CREW TRAVEL FROM LOC
2/11/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOC
	7:00 - 10:15	3.25	WO/REP	44	A	S		PU POWER SWIVEL AND RESUME DO CMT AT ABOUT 40 MIN/ JOINT. FELL THROUGH CMT WITH 102 JOINTS.
	10:15 - 10:45	0.50	WO/REP	31	H	S		CIRC CLEAN
	10:45 - 11:00	0.25	WO/REP	52	G	S		PT SQUEEZE TO 500 PS. PT SUCCESSFUL. BLED OFF 0 PSI IN 15 MIN. NO COMMUNICATION WITH BRADENHEAD.
	11:00 - 11:30	0.50	WO/REP	31	I	S		TOOH SB 2-3/8" TBG. MIRU WL. RD POWER SWIVEL. LD CHOMP BIT.
	11:30 - 13:00	1.50	WO/REP	41	A	S		RU CUTTERS WL TO RUN CBL FROM 4000' TO SURFACE'. RDMO WL
	13:00 - 14:00	1.00	WO/REP	30	F	S		ND BOPS, NU NEW BOTTOM PART OF WH. NU BOPS.
	14:00 - 15:00	1.00	WO/REP	31	I	S		TIH W/ 2-3/8" TBG AND RETRIEVING TOOL.
	15:00 - 15:30	0.50	WO/REP	31	H	S		CIRC SAND OFF RBP
	15:30 - 17:00	1.50	WO/REP	31	I	S		TOOH SB TBG. LD RBP
	17:00 - 17:30	0.50	WO/REP	30		P		SI AND SECURE WELL FOR THE NIGHT
	17:30 - 18:30	1.00	WO/REP	30	G	P		CREW TRAVEL FROM LOC
2/12/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOC
	7:00 - 10:30	3.50	WO/REP	31	I	P		RU HYDROTESTER. PU AND RIH WITH NC XN 30 JTS 2-3/8" TBG AS 1X PROD PACKER 202 JOINTS 2-3/8" TO SURF EOT AT 7413' PROD PKR AT 6463' HYDROTEST IN TO 6000 PSI.
	10:30 - 11:00	0.50	WO/REP	31	I	P		BROACH MIC'D AT 1.912. RIH TO BROACH TO XN.
	11:00 - 12:00	1.00	WO/REP	31	H	P		RD RIG FLOOR. ND BOPS. LAND TBG. LOAD HOLE WITH 110 BBL PACKER FLUID DOWN BACKSIDE.

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2/16/2016	12:00 - 13:30	1.50	WO/REP	52	G	S		PT PACKER TO 500 PSI. BLED DOWN TO 50 PSI IN 5 MIN. RELEASE PACKER, FLUID LEVEL DROPPED. PULL AND LD 1 JOINT. RESET PACKER. FILL HOLE. PT PACKER TO 500 PSI, PT FAILED. NO COMMUNICATION WITH BRADENHEAD. ISOLATE HARDLINE TO MAKE SURE IT IS NOT LEAKING. ITS GOOD. PT PACKER TO 500 PSI KEEPS BLEEDING OFF TO 350 PSI IN 15 MIN.
	13:30 - 14:30	1.00	WO/REP	31	I	S		LD 1 JOINT. TOOHS SB 104 JOINTS OF TBG. 98 JOINTS IN HOLE.
	14:30 - 15:00	0.50	WO/REP	52	G	S		SET PACKER. PT PACKER TO 500 PSI. PT GOOD. TIH 1 STAND. PT FAILED. ORIGINAL HOLE IS LEAKING. SET PACKER ABOVE LEAK AND SI AND SECURE WELL FOR WEEKEND.
	15:00 - 16:00	1.00	WO/REP	30	G	P		CREW TRAVEL FROM LOC
	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOC
	7:00 - 8:30	1.50	WO/REP	31	I	P		TIH W/ NC XN 30 JTS 2-3/8" TBG AS 1X PROD PACKER 202 JOINTS 2-3/8" TO SURF EOT AT 7413' PROD PKR AT 6463'
	8:30 - 9:30	1.00	WO/REP	31	H	P		LOAD HOLE WITH PACKER FLUID
	9:30 - 11:00	1.50	WO/REP	31	C	P		SET PACKER. PT TO 350 PSI. TEST FAILED. WAIT 20 MIN, TRICKLE PACKER FLUID DOWN BACKSIDE. PT TO 350 PSI. PT FAILED. BLEEDING TO 100 PSI IN 1 MIN. WAIT 30 MIN. PT TO 350, SAME RESULT.
	11:00 - 13:00	2.00	WO/REP	46	A	S		CALL EVANS ENGINEERING TO DISCUSS.
	13:00 - 14:30	1.50	WO/REP	31	I	S		RELEASE PACKER. TOOHS TO LD PACKER.
	14:30 - 16:00	1.50	WO/REP	31	I	S		PU RBP ON 2-3/8" TUBING TIH WITH 221 JTS TO SET RBP AT 7058'.
	16:00 - 16:30	0.50	WO/REP	31	G	S		SET RBP AT 7058'. PULL 3 JOINTS. SPOT 2 SX OF SAND ON RBP. 218 JTS IN HOLE
	16:30 - 17:00	0.50	WO/REP	30	F	S		ND BOPS, NU 5K WH. DID NOT TORQUE AND TEST WH.
	17:00 - 17:30	0.50	WO/REP	30	C	P		BEGIN RDMO TO NICHOLS 34-16 API 05-123-09945
	17:30 - 18:30	1.00	WO/REP	30	G	P		CREW TRAVEL FROM LOC