

US ROCKIES REGION
Operation Summary Report

Well: **D K NORGREN UNIT C TRUE 1**

Spud date: 1/22/1984

Project: COLORADO-WELD-NAD83-UTM13

Site: D K NORGREN UNIT C TRUE 1

Rig name no.: CONCORD 7/7

Event: WELL WORK EXPENSE

Start date: 2/4/2016

End date:

Active datum: RKB @4,792.99usft (above Mean Sea Level)

UWI: NE/SE/0/3/N/67/W/14/0/0/6/PM/S/1,650.00/E/0/1,000.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
2/3/2016	11:30 - 12:30	1.00	MIRU	53	B	P		TP440/CP440/SP0, MIRU FLARE EQUIP/PULL AUTOMATION
	12:30 - 17:00	4.50	WO/REP	53	B	P		BLOW DOWN CSG THROUGH FLARE TO 100#, BLOW DOWN TBG TO 100#, PUMPED 55 BBLS DOWN CSG, 25 BBLS DOWN TBG, WELL ON VAC RDMO FLARE EQUIP
	17:00 - 17:30	0.50	WO/REP	53	B	P		
2/4/2016	6:00 - 16:30	10.50	MIRU	30	A	S		Moved rig to location Pulled rig onto dirt pad and rig fell through pad. Using two winch trucks can not winch onto pad. Call Evans office for Bull Dozer and drilling rig pads Pull rig off pad W/ Bull dozer pushed mud off location set drilling pads used winch cat to pull rig on base beam . RU Put cattle fence backup on south side of location spot Bop trailer Finish laying pump lines SDFN
	16:30 - 17:00	0.50	WO/REP	30	G	P		Travel to yard
2/5/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		Travel to location start equipment
	7:00 - 8:30	1.50	WO/REP	30	F	P		Concord JSA Check pressures 0/ 450 150# on surface Control well W/ 40 bbls down casing 20 bbls down tbg ND 2000# OCT WH WH Function test Bop and NU
	8:30 - 14:00	5.50	WO/REP	45	A	P		MIRU PRS EMI out 236 jts 2.38 tbg W/ 159 junk jts RDMO PRS
	14:00 - 16:30	2.50	WO/REP	34	1	S		MIRU Warrior WL RIH 4.72 gauge ring found tight spot in 5 1/2 17# casing @ 7220. in collar POOH RIH 3.65 gauge ring to 7800' POOH Call Evans office discuss tight spot POOH RDMO Warrior WL SWN SDFN
	16:30 - 17:00	0.50	WO/REP	30	G	P		Travel to yard
2/8/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		Tavel to location start equipment
	7:00 - 13:00	6.00	WO/REP	31	I	S		Concord JSA Check pressures 100# on casing 50# on surface Control well W/ 30 bbls Change out tbg trailers PU 4 3/4 taper mill W/ pumper sub TIH out of Derrick Tally and PU tbg off trailer to 7270 W/ 228 jts rotate through tight spot @ collar Finish PU tbg to 7737 W/ 243 jts rotate mill @ RBP set depth Lay down 1 jt
	13:00 - 14:30	1.50	WO/REP	31	I	S		TOOH to Derrick W/ 242 jts 2.38 tbg lay down mill 4.5/8 and pumper sub
	14:30 - 17:00	2.50	WO/REP	31	G	P		PU 5.5 RBP TIH 227 jts 7220 Stuck RBP pulled 18000 over string weight Call engeener discuss tight spot in casing TOOH SWN Drain lines SDFN
	17:00 - 17:30	0.50	WO/REP	30	G	P		Travel to yard
2/9/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		Travel to location start equipment
	7:00 - 12:00	5.00	WO/REP	31	I	P		Concord JSA Check pressures 100# on casing 30 # on surface Control W/ 20 bbls PU Hydrostatic bailer TIH tag fill @ 7772 Bailed to 7825' TOOH unload sand from tbg and bailer lay down bailer and flapers

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	12:00 - 15:00	3.00	WO/REP	34	I	S		MIRU FMC WL RIH 4.62 gauge ring and stuck it @ 7220' W/ 400# down on ring pump 30 bbls Alcomer down casing work WL @ 2600# Call engeener discuss stuck gauge ring pulled 3500 # on gauge ring POOH slow lay down Gauge ring RDMO FMC WL
	15:00 - 17:30	2.50	WO/REP	31	G	P		PU retrieving head and 5.5 RBP TIH 224 jts W/ 10' 2.38 sub set rbp @ 7140 tight spot 7220 Lay down sub Pull 5 stands dump 3 sks sand flush W/ 20 bbls pull 10 stands SWN Drain lines SDFN
	17:30 - 18:00	0.50	WO/REP	30	G	P		travel to yard
2/10/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		Travel to location start equipment
	7:00 - 10:30	3.50	WO/REP	31	H	P		Concord JSA Check pressures 0 on casing 0 on surface TIH 12 stands 2.38 tbg to 6933' pump 120 bbls to load circulate gas out to work tank establish 50' red zone pressure test 5.5 casing to 1000# for 15 minutes test good TOOH and lay down retrieving head
	10:30 - 14:30	4.00	WO/REP	41	A	P		MIRU FMC RIH CBL log from 7080' to 12' RDMO FMC WL
	14:30 - 16:00	1.50	WO/REP			S		ND Bop and 2000# OCT WH spear 5.5 casing pulling 120000# beating down on top flange can not pill slips Call for casing jacks NU surface head SWN SDFN
	16:00 - 16:30	0.50	WO/REP	30	G	P		Travel to yard
2/11/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		Travel to location start equipment
	7:00 - 14:00	7.00	WO/REP	30	F	S		Jimmy with CasingJack was to be on location @ 8:00 am Jimmy called and was running late CasingJac pulled onto location and stuck unit in mudCalled for Bull Dozer and spot unit in @ WH RU unit PU 3.5 drill collar run collar through hydrolic unit Pulled 130,000 Pulled slips W/ winch lines Stacked 5.5 casing out released spear lay 3.5 collar on trailer ND CasingJac Pulled unit out W/ Bull Dozer
	14:00 - 15:30	1.50	WO/REP	31	H	P		NU 2000# OCT WH W/ Bop Change over to 1.66 tools TIH 22 jts to bottom of 8 5/8 casing circulate SWN Drain lines SDFN
	15:30 - 16:00	0.50	WO/REP	30	G	P		Travel to yard
2/12/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		Travel to location start equipment
	7:00 - 15:30	8.50	WO/REP	31	H	P		Concord JSA Check pressure 10# on 5.5 casing PU 31 1 1/4 tbg to 1720' circulate down tbg @ 2.5 bbls per minute working pipe pump 120/20 sweep Very little gas @ returns TOOH into 8 5/8 casing leaving 21 jts in surface 681' Drain lines SWN SDFWE
	15:30 - 16:00	0.50	WO/REP	30	G	P		Travel to yard
2/16/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		Travel to location start equipment
	7:00 - 10:00	3.00	WO/REP	31	H	P		Concord JSA Check pressure 20# on surface csg Hookup rig pump to 1 1/4 circulate Bottoms up TOOH ND Bop and OCT 2000# WH
	10:00 - 14:00	4.00	WO/REP	53	C	S		MIRU T&T welder Critter fill out Hot works permit Cut 8 5/8 surface casing weld on 8 5/8 slip collar NU new Q-92 surface head Spear 5.5 casing and set slips weld on 5.5 bell nipple RDMO welder

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	14:00 - 17:00	3.00	WO/REP					Spear 5.5 casing and stack out 5.5 casing NU BOP W/ double entry flanges TIH to 1718 W/ 1 1/4 circulate 1.5 hours SWN Drain lines SDFN
	17:00 - 17:30	0.50	WO/REP	30	G	P		Travel to yard
2/17/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		Travel to location start equipment
	7:00 - 12:30	5.50	WO/REP	51	C	P		Concord JSA Check pressure 10# on surface Hook up rig pump to tbg circulate down tbg @ 2.5 bbls per minute MIRU Baker W/ chains on all trucks spot equipment. Establish 50' red zone pump 40 bbls 10# mud Lay down 10 jts 1 1/4 tbg on trailer EOT 1403' Hook up Baker and pump 5 bbls fresh water 20 bbls SMS 5 bbls fresh water 380 sks 14.8 type 3 cement W/ 1.5 bbls displacement. with cement to surface ND Baker and pull Baker off location with Dozer TOOH W/ 1/4 tbg
	12:30 - 15:30	3.00	WO/REP	30	F	P		ND Bop and double entry flanges spear 5.5 casing set slips @ 100,000# release spear NU 5000 seaboard WH W/ Bop TIH 1 1/4 tbg reverse circulate tbg 20 bbls lay down tbg SWN drain pump and lines SDFN
	15:30 - 16:00	0.50	WO/REP	30	G	P		Travel to yard
2/18/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		travel to location start equipment
	7:00 - 8:30	1.50	WO/REP	41	A	P		MIRU FMC WL RIH CBL bottom of cement 1396' TOC 40' lay down tools RDMO FMC
	8:30 - 11:30	3.00	WO/REP	31	I	W		PU retrieving head TIH 222 jts 2.38 tbg Discuss windy weather W/ tool pusher operator and Derrick hand to windy to release and TOOH W/ plug SWN Drain lines SDFN
	11:30 - 12:00	0.50	WO/REP	30	G	P		Travel to yard
2/19/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		crew travel to location
	7:00 - 7:30	0.50	WO/REP	48	B	P		hold safety meeting, check WP: TP=0#, CP=0#, SCP=0# (red zone area has been established/marked out around WH)
	7:30 - 8:30	1.00	WO/REP	31	H	P		TIH tag RBP, break circulation, roll sand off and release RBP
	8:30 - 10:30	2.00	WO/REP	31	I	P		TOOH LD RBP and retrieving head
	10:30 - 14:00	3.50	WO/REP	31	I	P		MIRU H-S Testing, psi test TBG to 6,000# (all tested good) PU NC, XN Nipple, packer, and 242 JTs 2.375" TBG, land well @ 7,709' KB (36 JTs below & 206 JTs above packer set @ 6,566' W/ 20,000# left on) broach to XN Nipple, ND BOPs NU top flange
	14:00 - 15:00	1.00	WO/REP	52	G	P		torque and test WH to 5,000# for 15 min.(GOOD TEST) RDMO H-S Testing, PSI test backside to 1,000# for 15 min. (GOOD TEST)
	15:00 - 16:30	1.50	WO/REP	30	H	P		SWI hang sign, pick up location, rack out hard lines, RDMO Concord #7
	16:30 - 17:30	1.00	WO/REP	30	G	P		crew travel back to yard