

US ROCKIES REGION  
**Operation Summary Report**

Well: <b>KOENIG 1-19</b>		Spud date: 2/15/1981	
Project: COLORADO-WELD-NAD83-UTM13		Site: KOENIG 1-19	
Event: RE ENTER		Rig name no.: CARTEL 88/88	
Active datum: RKB @4,813.00usft (above Mean Sea Level)		UWI: SW/SW/0/5/N/67/W/19/0/0/6/PRIME/S/660.00/W/0/660.00/0/0	
Start date: 6/30/2018		End date: 7/10/2018	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
6/26/2018	7:00 - 19:00	12.00	SURFPR	01	B	P		NAILL SERVICES INSTALL CATTLE PANELS, MILLER HFI HYDROVAC, MOW LOCATION, HAUL IN EQ. BACKHOE, SKIDSTEER, TRUCKING MATERIAL, EXCAVATE. SET SNOW FENCE.
6/27/2018	6:00 - 16:30	10.50	SURFPR	01	B	P		OPEN UP EXCAVATION LARGER, WELDER WELD ON COLLAR, HOT TAP WELL, SET BLOW DOWN TANK, SPREAD ROAD BASE AND SCREENED TOPSOIL FOR LOCATION PREP. GE DELIVER NIGHT CAP, KLX DELIVER SPOOL. GE TORQUE SPOOL TO WELLHEAD. SET SNOW FENCE BLOW DOWN WELL OVER NIGHT.
6/28/2018	6:00 - 14:00	8.00	SURFPR	01	B	P		BLEW WELL DOWN OVER NIGHT, MILLER AND WELDER COLD CUT PIPE USING LARGE PIPE CUTTER, WELDER WELD ON 8-5/8"SLIP X SLIP COLLAR AND WELLHEAD PUP AND ASSEMBLY. FLUID ENERGY LOAD HOLE, GE TORQUE TA CAP TO SPOOL. SET CELLAR AT PROPER HEIGHT, BACKFILL AND COMPACT
6/30/2018	0:00 - 5:30	5.50	RDMO	01	E	P	12	RIG DOWN
	5:30 - 6:00	0.50	MIRU	23		P	12	SAFETY MEETING WITH ALL PARTIES INVOLVED WITH RIG MOVE OPERATIONS
	6:00 - 9:00	3.00	MIRU	01	A	P	12	MOVE THE RIG 38 MILES WITH WEST ROC TRUCKING AND RIG UP RIG, CARTEL RIGGED UP @ 09:00
	9:00 - 18:00	9.00	MIRU	01	A	P	12	MOVE IN MISC EQUIPMENT, PIPE RACKS, PIPE, TUBEING, FRAC TANKS, BUSTER LINES, RIG UP FLUID PRO EQUIPMENT.
	18:00 - 20:00	2.00	MIRU	14	A	P	12	NIPPLE UP BOP, INSTALL ROTATING HEAD ASSEMBLY, INSTALL FLOW LINE AND VALVE ON BUSTER
	20:00 - 22:30	2.50	MIRU	01		P	12	CONDUCT SAFETY MEETING WITH PATHFINDER AND RIG CREW ON PRESSURE TESTING, PRESSURE TEST INSIDE CHOKE MANIFOLD, INSIDE CHOKE VALVE 250 PSI LOW 5 MIN HIGH 1000 5 MIN, TEST OUTSIDE CHOKE MANIFOLD, OUTSIDE CHOKE VALVE 250 LOW 5 MIN 1000 HIGH 5 MIN, TEST UPPER PIPE RAMS, INSIDE KILL LINE VALVE, MANUAL IBOP LOW 250 5 MIN 1000 HIGH 5 MIN, TEST ANNULAR, OUTSIDE KILL LINE VALVE 250 LOW 5 MIN, TEST BLIND RAMS 250 LOW 5 MIN 1000 HIGH 5 MIN.
	22:30 - 0:00	1.50	MIRU	01	B	P	12	COMPLETE RIG UP OF FLARE LINE, PANIC LINE AND FLARE STACK.
7/1/2018	0:00 - 1:45	1.75	MIRU	05	A	P	12	MIX CHEMICALS IN MUD TO BRING TO A 37 VIS AND 8.7 WEIGHT, WAITED ON WATER TILL MIDNIGHT FOR PITS TO BE FULL TO PRE TREAT.
	1:45 - 2:15	0.50	REE	06	A	P	12	PICK UP BIT BIT SUB AND JOINT OF DRILLPIIPE TO DRILL OUT TOP PLUG.

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

Well: KOENIG 1-19

Spud date: 2/15/1981

Project: COLORADO-WELD-NAD83-UTM13

Site: KOENIG 1-19

Rig name no.: CARTEL 88/88

Event: RE ENTER

Start date: 6/30/2018

End date: 7/10/2018

Active datum: RKB @4,813.00usft (above Mean Sea Level)

UWI: SW/SW/0/5/N/67/W/19/0/0/6/PRIME/S/660.00/W/0/660.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	2:15 - 10:00	7.75	REE	08	A	S	12	TROUBLE SHOOT FLOW LINE MIS ALIGNMENT ISSUE AND WAIT ON WELDER TO REFABRICATE FLOW LINE WITH PROPER ANGLE SO THAT UNIONS WILL LINE UP FILL WITH MUD AND CHECK FOR LEAKS
	10:00 - 11:00	1.00	REE	03	E	P	12	TAG TOP PLUG @ 15' DRILL PLUG TO 18' WASH TO 37' DRILL PLUG TO 38' WASH DOWN TO 158'
	11:00 - 11:30	0.50	REE	06	A	P	158	FLOW CHECK LAY DOWN 5 JOINTS
	11:30 - 11:45	0.25	REE	08	B	P	158	CHANGE SWIVEL PACKING
	11:45 - 12:15	0.50	REE	06	A	P	158	MAKE UP BIT, STABILIZER, MUD MOTOR, 2 6.5" DRILL COLLARS, AND CROSSOVER TO DRILL PIPE INSTALL ROTATING HEAD
	12:15 - 0:00	11.75	REE	03	E	P	158	WASH FROM 158' TO 514' TAG PLUG AND DRILL TO 1,842', CUTTINGS COMING OVER SHAKERS MAKING IT APPARENT THAT SIDE TRACK HAD TAKEN PLACE.
7/2/2018	0:00 - 2:00	2.00	REE	03	E	P	1842	DRILL FROM 1,842 TO 2,000'
	2:00 - 3:00	1.00	REE	05	C	P	2000	CIRCULATE HOLE CLEAN PRIOR TO TRIP
	3:00 - 6:45	3.75	REE	06	C	P	2000	DROP GYRO, POOH AND LAY DOWN BHA TO PICK UP PLUG BACK ASSEMBLY
	6:45 - 11:00	4.25	REE	06	C	P	2000	STRAP AND PICK UP 45 JOINTS OF 2 3/8" TUBING AND 18 JOINTS OF 3 1/2" DRILL PIPE TO 1994'
	11:00 - 11:45	0.75	REE	05	A	P	2000	CIRCULATE WHILE BLENDING ADDITIVES IN CEMENT WATER AND RIGGING UP CEMENT EQUIPMENT
	11:45 - 13:00	1.25	REE	17	A	P	2000	RIG UP CEMENT EQUIPMENT, PRESSURE TEST LINES TO 2000 PSI, PUMP 15 BBLs CHEM WASH @ 8.32 PPG 450 SX = 92.45 BBLs 14PPG, 1.15 YIELD 4.513 GAL/SK CEMENT WITH GAS BLOCK ADDITIVE, DISPLACE PLUG WITH 3.5 BBLs WATER
	13:00 - 15:00	2.00	REE	06	C	P	2000	TRIP OUT OF THE PLUG @ 30' /MIN TO 883'
	15:00 - 20:00	5.00	REE	13	B	P	2000	CIRCULATE WORK STRING CLEAN WHILE WAITING ON CEMENT
	20:00 - 22:00	2.00	REE	06	C	P	2000	RIH TO TAG CEMENT, TAG CEMENT AT 920' PICK UP TO 910' TO CEMENT. WORKING WITH CREWS TO GET THEM TRAINED UP ON PIPE TALLY.
	22:00 - 0:00	2.00	REE	17	A	P	2000	CONDUCT PRE JOB SAFETY MEETING WITH ALL PARTIES INVOLVED RIG UP CEMENT EQUIPMENT, PRESSURE TEST LINES TO 2000 PSI PUMP, PUMP 15 BBL OF CHEM WASH @ 8.32 PPG, 225 SKS = 46 BBL OF CEMENT @ 1.15 YLD, 14 PPG AND DISPLACE PLUG WITH 1 BBL
7/3/2018	0:00 - 2:00	2.00	ABANDP	06	C	P	2000	TRIP OUT OF PLUG TO 153' AT 30' A MIN.
	2:00 - 6:00	4.00	ABANDP	05	A	P	2000	CIRCULATE WHILE WAITING ON CEMENT
	6:00 - 6:30	0.50	ABANDP	06	C	P	2000	TIH TO TAG TOP OF CEMENT, TAG @ 163'
	6:30 - 7:00	0.50	ABANDP	06	C	P	163	LAY DOWN REMAINING TUBING
	7:00 - 8:45	1.75	ABANDP	17	A	P	163	RUN IN THE HOLE WITH BRIDGE PLUG FOR 8 5/8" 24# CASING TAGGED UP @ 60' TRIP OUT OF THE HOLE WITH BRIDGE PLUG
	8:45 - 9:45	1.00	ABANDP	06	E	P	163	TRIP IN THE HOLE WITH CLEAN OUT ASSEMBLY 7 7/8 BIT SUB AND 3 JOINTS OF 3.5" DP CLEAN OUT TO 98' TRIP OUT OF THE HOLE

US ROCKIES REGION  
**Operation Summary Report**

Well: KOENIG 1-19

Spud date: 2/15/1981

Project: COLORADO-WELD-NAD83-UTM13

Site: KOENIG 1-19

Rig name no.: CARTEL 88/88

Event: RE ENTER

Start date: 6/30/2018

End date: 7/10/2018

Active datum: RKB @4,813.00usft (above Mean Sea Level)

UWI: SW/SW/0/5/N/67/W/19/0/0/6/PRIME/S/660.00/W/0/660.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	9:45 - 10:30	0.75	ABANDP	17	A	P	82	RUN IN THE HOLE WITH CAST IRON BRIDGE PLUG FOR 8 5/8" 24# CASING TO A SET DEPTH OF 82' SET BRIDGE PLUG TRIP OUT OF THE HOLE LAY DOWN RUNNING TOOL
	10:30 - 11:00	0.50	ABANDP	06	F	P	82	TRIP IN THE HOLE TO 75' DISPLACE WATER BASE MUD WITH WATER TRIP OUT OF THE HOLE
	11:00 - 13:00	2.00	ABANDP	14	A	P	82	NIPPLE DOWN CLEAN MUD TANKS RIG RELEASE @ 13:00
	13:00 - 0:00	11.00	ABANDP	01	E	P	82	RIG DOWN, CHANGE LINERS AND SWABS IN PUMPT TO 6" CLEAN PITS
7/4/2018	0:00 - 0:00	24.00	RDMO	21	A	P	82	WAIT ON CONSTRUCTION AND RAT HOLE RIG TO FINISH UP ON THE WHITE 35-3HZ PAD
7/5/2018	0:00 - 0:00	24.00	RDMO	21	A	P	82	WAIT ON LOCATION
7/6/2018	0:00 - 6:00	6.00	RDMO	21	C	P	82	WAIT ON LOCATION
7/10/2018	6:00 - 7:00	1.00	ABANDZ	52		P		PRESSURE TESTED CIBP, SURFACE CASING TO 500 PSI
	7:00 - 8:00	1.00	ABANDZ	53	B	P		DUG UP SURFACE CASING
	8:00 - 9:00	1.00	ABANDZ	53	C	P		CUT CASING 6' BELOW GL, TAGGED @ 65'
	9:00 - 10:00	1.00	ABANDZ	53	B	P		FILLED CASING STUB WITH 32 BAGS 5000 PSI CEMENT
	10:00 - 11:00	1.00	ABANDZ	53	A	P		CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO
	11:00 - 12:00	1.00	ABANDZ	53	B	P		BACKFILLED
	12:00 - 12:00	0.00	ABANDZ	53	F	P		PLACED MARKER BALL
	11:00 - 11:00	0.00	ABANDP	50		P		RE-ENTRY P&A'd OFFLINE. .