

US ROCKIES REGION
Operation Summary Report

Well: **STATE 13-16** Spud date: 10/22/2008
 Project: COLORADO-WELD-NAD83-UTM13 Site: STATE 14-16 PAD Rig name no.: BASIC 1549/1549
 Event: WELL WORK EXPENSE Start date: 7/19/2016 End date:
 Active datum: RKB @5,206.00usft (above Mean Sea Level) UWI: 0/1/N/68/W/16/0/NESW/6/PM/S/1,903.00/W/0/1,894.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
7/19/2016	-							
	6:00 - 7:00	1.00	MIRU	33	1	P		NOTIFY PROD FOREMAN/FIELD COORDINATOR, MIRU FLARE EQUIP/PULL AUTOMATION
	7:00 - 7:05	0.08	WO/REP	52	I	X		TP550/CP550/SP10, BLOW DOWN SFC TO 0# IN 10 SECONDS, NO FLUID PRODUCED, SFC REMAINED DEAD THROUGHOUT JOB
	7:05 - 10:00	2.92	WO/REP	33	F	P		BLOW DOWN CSG THROUGH FLARE TO 100#, PUMPED 55 BBLs WATER W/BIO DOWN CSG WHILE FLARING TBG TO 80#, CSG WENT ON VAC @ 4 BBLs AWAY, PUMPED 25 BBLs DOWN TBG, WENT ON VAC @ 2 BBLs AWAY, 19 MCF'S BURNED
	9:30 - 11:00	1.50	WO/REP	35	D	P		MIRU CORETCH SLICKLINE RIH RETRIEVE PLUNGER@8198'. COULD NO LATCH ONTO BUMPER SPRING. CALL APC(LEVI) DECIDED TO TAG AFTER TBG HAS BEEN PULLED. RDMO SLICKLINE.
	10:00 - 10:30	0.50	RDMO	33	1	P		SWI, RDMO FLARE EQUIP
	11:00 - 11:30	0.50	WO/REP	30	G	P		ROAD BASIC 1524 TO LOCATION.
	11:30 - 11:30	0.00	WO/REP	48	B	P		JOB SCOPES OF DAY.GOOD COMMUNICATION.PROPPER PPE, PINCH POINT'S ON EQ, RED ZONE SET UP, SWINGING HAMMERS PROPERLY. STAY HYDRATED EVERY BODY HAS STOP WORK AUTHORITY, IF SCOPE CHANGES STOP & RE GROUP. AWARE PEOPLE OF HAZARD'S. NEAREST MEDICAL LONGMONT, ROUTE TO TAKE, MEETING AREA MOUTH OF LOCATION @ DOG HOUSE. LONG LAT & DIRECTIONS TO LOCATION ON WHITE BOARD IN DOG HOUSE AS WELL AS FIRST AID KIT. WATCH SWING OF HAMMERS AND PINCH POINT'S ON EQ TBG, TONGUES, WRENCHES . WATCH OVER HEAD EQ. PROPPER SPOTTING ON EQ. CLEAR LINE OF SIGHT FOR OPERATORS WHEN EMI. WATCH OVERHEAD EQ WHILE RIGGING UP. STAY CLEAR OF EQ WHILE WENCH TRUCK'S ARE LOWERING IT INTO PLACE. BEAM GOOD ON GROUND. STAY CLEAR OF LINES WH
	11:30 - 14:30	3.00	MIRU	30	A	P		TAKE DOWN WELL FENCES. MIRU BASIC 1524 FACING EAST. WELL IS ON PAS RUNING NORTH & SOUTH GROUND A LITTLE WET. WEATHER SUNNY. STRING FENCE AROUND LOCATION & IN CROP. HAD ISSUE W/ WINCH TRUCK SINKING TOWARD WELLS WHILE SPOTTING IN RIG BEAM. HAD TO GET AWAY FROM WELLS. LD ON GROUND AND WINCH IT INTO PLACE.
	14:30 - 14:30	0.00	MIRU	52	I	P		SCSG/20# BLEW DOWN QUICK. DID NOT PRODUCE ANYTHING. SHUT IN AT END OF DAY.
	14:30 - 15:00	0.50	WO/REP	30	E	P		TBG/0,CSG/20#,SCSG/20#. RU PUMP BULL HEAD 25BBL'S DOWN CSG.

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Active datum: RKB @5,206.00usft (above Mean Sea Level)		UWI: 0/1/N/68/W/16/0/NESW/6/PM/S/1,903.00/W/0/1,894.00/0/0	

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	15:00 - 16:00	1.00	WO/REP	30	F	P		ND TOP FLANGE. NU BOP'S. FUNCTION TEST UNLAND 2.375 TBG @36K. SHUT AND LOCK PIPE RAM'S. SWI SDFN.
	16:00 - 17:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO YARD.
7/20/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 7:00	0.00	WO/REP	48	B	P		JOB SCOPES OF DAY.GOOD COMMUNICATION.PROPPER PPE, PINCH POINT'S ON EQ, RED ZONE SET UP, SWINGING HAMMERS PROPERLY. STAY HYDRATED EVERY BODY HAS STOP WORK AUTHORITY, IF SCOPE CHANGES STOP & RE GROUP. AWARE PEOPLE OF HAZARD'S. NEAREST MEDICAL LONGMONT, ROUTE TO TAKE, MEETING AREA MOUTH OF LOCATION @ DOG HOUSE. LONG LAT & DIRECTIONS TO LOCATION ON WHITE BOARD IN DOG HOUSE AS WELL AS FIRST AID KIT. WATCH SWING OF HAMMERS AND PINCH POINT'S ON EQ TBG, TONGUES, WRENCHES . WATCH OVER HEAD EQ. PROPPER SPOTTING ON EQ. CLEAR LINE OF SIGHT OF OPERATORS.RUN WELL CONTROL ON SLICKLINE.
	7:00 - 7:00	0.00	WO/REP	52	I	P		SCSG/20# BLEW DOWN LEFT OPEN FOR DAY.DID NOT PRODUCE ANYTHING SHUT IN AT END OF DAY.
	7:00 - 7:30	0.50	WO/REP	30	E	P		TBG/20#.CSG/40,SCSG/20# BULL HEAD 20BBL'S TBG & 20BBL'S CSG WATER/BIO WELL WENT ON VAC.
	7:30 - 11:00	3.50	WO/REP	31	I	P		MIRU EMI(PRS) TOOH TALLYING STANDING BACK 260JNT'S 2.375 TBG GOOD LD NC & XN NIPPLE. RDMO EMI.
	11:00 - 12:00	1.00	WO/REP	35	A	P		MIRU CORE TECH SLICKLINE RIH TAG FILL@8390' RDMO CORE TECH.
	12:00 - 14:00	2.00	WO/REP	31	I	P		PU 4.5" RBP(DOWN HOLE TOOLS)RETRIEVING HEAD & XN NIPPLE TIH OUT OF DERRICK 246JNT'S SET RBP@7779'.
	14:00 - 15:00	1.00	WO/REP	31	I	P		RU PUMP BREAK CIRCULATION DOWN CSG. CIRCULATE GAS OUT OF HOLE W/ WATER/BIO.
	15:00 - 15:30	0.50	WO/REP	52	I	P		PSI TEST CSG/RBP TO 2000# FOR 15MIN GOOD TEST. SPOT 2SX SAND DOWN TBG ONTO RBP.
	15:30 - 17:30	2.00	WO/REP	31	I	P		TOOH STANDING BACK 246JNT'S 2.375 TBG IN DERRICK LD RETRIEVING HEAD & XN NIPPLE. SHUT & LOCK BLIND RAM'S
	17:30 - 18:30	1.00	WO/REP	30	G	P		CREW TRAVEL TO YARD.
7/21/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 7:00	0.00	WO/REP	52	I	P		SCSG/0# LEFT OPEN FOR DAY DID NOT PRODUCE ANYTHING. CIRCULATED W/ MUD. SHUT IN AT END OF DAY.

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Project: COLORADO-WELD-NAD83-UTM13

Site: STATE 14-16 PAD

Rig name no.: BASIC 1549/1549

Event: WELL WORK EXPENSE

Start date: 7/19/2016

End date:

Active datum: RKB @5,206.00usft (above Mean Sea Level)

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	7:00 - 7:00	0.00	WO/REP	48	B	P		JOB SCOPES OF DAY.GOOD COMMUNICATION.PROPPER PPE, PINCH POINT'S ON EQ, RED ZONE SET UP, SWINGING HAMMERS PROPERLY. STAY HYDRATED EVERY BODY HAS STOP WORK AUTHORITY, IF SCOPE CHANGES STOP & RE GROUP. AWARE PEOPLE OF HAZARD'S. NEAREST MEDICAL LONGMONT, ROUTE TO TAKE, MEETING AREA MOUTH OF LOCATION @ DOG HOUSE. LONG LAT & DIRECTIONS TO LOCATION ON WHITE BOARD IN DOG HOUSE AS WELL AS FIRST AID KIT. WATCH SWING OF HAMMERS AND PINCH POINT'S ON EQ TBG, TONGUES, WRENCHES . WATCH OVER HEAD EQ. PROPPER. UNLANDING CSG HAVE FLOOR DOWN BELOW BLOCKS. WATCH RABBIT IN PIPE. WIND DIRECTION WHILE CIRCULATING.
	7:00 - 10:00	3.00	WO/REP	30	F	P		CSG/0#,SCSG/0# ND BOP'S & WH. SPEAR 4.5"CSG UNLAND @65K. STACK CSG OUT IN 8 5/8 SCSG. NU DRILL FLANGE. SPEAR CSG THROUGH DUAL ENTRY FLANGE. PU CSG SCREW DUAL ENTRY FLANGE ON TO CSG FLANGE UP TO DRILL FLANGE. NU BOP'S FUNCTION TEST. CHANGE EQ OVER FOR 1.25 TBG.
	10:00 - 12:00	2.00	WO/REP	31	I	P		PU MULE SHOE CUT ON JNT 1.25 TBG TIH OFF TRAILER 77JNT'S 1.25 TBG EOT@2509' CIRCULATING IN SPOTS. MAKE SWEEP OF DF2020@1498' W/46JNT'S.
	12:00 - 14:30	2.50	WO/REP	31	H	P		BREAK CIRCULATION. MAKE SWEEP OF DF2020. CIRCUALTE CONDITIONING HOLE. RETURN'S MUD GAS VERY LITLLE SOLIDS CLEANED UP SD PUMP.
	14:30 - 15:00	0.50	WO/REP	31	I	P		PUH LD 5JNT'S 1.25 TBG ON TRAILER. EOT@2346' W/ 72JNT'S. SHUT & LOCK PIPE RAM'S SWI SDFN. CREW TRAVEL TO YARD.
	15:00 - 16:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
7/22/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 7:00	0.00	WO/REP	48	B	P		JOB SCOPES OF DAY.GOOD COMMUNICATION.PROPPER PPE, PINCH POINT'S ON EQ, RED ZONE SET UP, SWINGING HAMMERS PROPERLY. STAY HYDRATED EVERY BODY HAS STOP WORK AUTHORITY, IF SCOPE CHANGES STOP & RE GROUP. AWARE PEOPLE OF HAZARD'S. NEAREST MEDICAL LONGMONT, ROUTE TO TAKE, MEETING AREA MOUTH OF LOCATION @ DOG HOUSE. LONG LAT & DIRECTIONS TO LOCATION ON WHITE BOARD IN DOG HOUSE AS WELL AS FIRST AID KIT. WATCH SWING OF HAMMERS AND PINCH POINT'S ON EQ TBG, TONGUES, WRENCHES . WATCH OVER HEAD EQ. PROPPER. RELANDING CSG HAVE FLOOR DOWN BELOW BLOCKS. WIND DIRECTION WHILE PUMPING CEMENT. ASSUME RATE & PSI ON LINES @ ALL TIMES.

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	7:00 - 9:00	2.00	WO/REP	31	H	P		TBG/0#,CSG/0#,SCSG/0# TIH 5JNT'S OFF OF TRAILER EOT@2509' W/77JNT'S 1.25 TBG. RU PUMP BREAK CIRCULATION W/ MUD. CIRCULATE CONDITIONING ANNULUS. RETURN'S MUD NO GAS OR SOLIDS.
	7:00 - 7:00	0.00	WO/REP	52	I	P		SCSG/0# LEFT OPEN FOR DAY DID NOT PRODUCE ANYTHING. SHUT IN AT END OF DAY. CIRCULATED & PUMPED CEMENT.
	9:00 - 10:00	1.00	WO/REP	31	I	P		HOOK PUMP TO TRUCK SPOT 40BBL'S 10# MUD DOWN TBG. PUH LD 33JNT'S ON TRAILER EOT@1432' W/44JNT'S 1.25 TBG.
	10:00 - 11:00	1.00	WO/REP	51	C	P		MIRU SCHLUMBERGER PUMP 5BBL'S FRESH,10BBL'S SMS,5BBL'S FRESH,183SX(38BBL'S) CLASS G 15.8PPG 1.17ft3/SX, 1.5BBL'S/MIN @1100#,DISPLACE 1BBL FRESH, RDMO SCHLUMBERGER. RETURN'S DURING JOB GOOD NO GAS.
	11:00 - 11:30	0.50	WO/REP	31	I	P		TOOH LD 44JNT'S 1.25 TBG ON TRAILER.
	11:30 - 14:00	2.50	WO/REP	30	F	P		ND BOP'S, PEAR THROUGH DUAL ENTRY FLANGE INTO 4.5" CSG PU UN FLANGE FROM DRILL FLANGE. UNSCREW DUAL ENTRY FLANGE OFF OF CSG STACK CSG OUT IN 8 5/8CSG ND DUAL ENTRY FLANGE & DRILL FLANGE. RELAND 4.5" CSG @ 65K. NU WH & BOP'S FUNCTION TEST. CHANGE EQ OVER FOR 2.375 TBG. SHUT & LOCK BLIND RAM'S, SWI SDFN.
	14:00 - 15:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO YARD.
7/25/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 9:00	2.00	WO/REP	35	E	P		CSG/0#,SCSG/190#. MIRU PIONEER WL RIH LOG 3700'-15' VERIFY FOXHILLS TOC@420'-BOC@1430' EMAIL LOG TO APC.RDMO WL.
	7:00 - 7:00	0.00	WO/REP	52	I	X		SCSG/190# BLEW DOWN VERY QUICK. LEFT OPEN FOR DAY DID NOT PRODUCE ANYTHING. SHUT IN AT END OF DAY.CALL APC(CODY BOURGEOIS) SAID THEY WILL CHECK INTO IT CONTINUE FORWARD
	7:00 - 7:00	0.00	WO/REP	48	B	P		JOB SCOPES OF DAY.GOOD COMMUNICATION.PROPPER PPE, PINCH POINT'S ON EQ, RED ZONE SET UP, SWINGING HAMMERS PROPERLY. STAY HYDRATED EVERY BODY HAS STOP WORK AUTHORITY, IF SCOPE CHANGES STOP & RE GROUP. AWARE PEOPLE OF HAZARD'S. NEAREST MEDICAL LONGMONT, ROUTE TO TAKE, MEETING AREA MOUTH OF LOCATION @ DOG HOUSE. LONG LAT & DIRECTIONS TO LOCATION ON WHITE BOARD IN DOG HOUSE AS WELL AS FIRST AID KIT. WATCH SWING OF HAMMERS AND PINCH POINT'S ON EQ TBG, TONGUES, WRENCHES . WATCH OVER HEAD EQ. RUN PACK OFF IN BOP'S. DO NOT WALK UNDER E-LINE.
	9:00 - 9:30	0.50	WO/REP	52	G	P		PSI TEST CSG/WH CONECTION TO 2000# W/ RIG PUMP FOR 15MIN GOOD TEST.

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	9:30 - 11:00	1.50	WO/REP	31	I	P		PU RETRIEVING HEAD,XN NIPPLE TIH OUT OF DERRICK 246JNT'S 2.375 TBG TAG SAND ON RBP@7779'.RU TBG SWIVEL.
	11:00 - 12:30	1.50	WO/REP	31	H	P		CIRCULATE SAND OFF OF RBP RETRIEVE/RELEASE RBP.
	12:30 - 14:00	1.50	WO/REP	31	I	P		TOOH STANDING BACK IN DERRICK 246JNT'S 2.375 TBG,LD RBP,RETRIEVING HEAD & XN NIPPLE.
	14:00 - 16:00	2.00	WO/REP	31	I	P		PU NC,2.375 XN NIPPLE, TIH OUT OF DERRICK CHECKING PINS W/ BROACH 260JNT'S 2.375 TBG LAND TBG@8230'KB.
	16:00 - 18:00	2.00	WO/REP	45	A	P		RU RIG LUBRICATOR RIH BROACH(1.911") BROACH TO ABOVE XN NIPPLE. ND BOP'S. NU TOP FLANGE.SWI SDFN.
	18:00 - 19:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO YARD.
7/26/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 7:00	0.00	WO/REP	48	B	P		JOB SCOPES OF DAY.GOOD COMMUNICATION.PROPPER PPE, PINCH POINT'S ON EQ, RED ZONE SET UP, SWINGING HAMMERS PROPERLY. STAY HYDRATED EVERY BODY HAS STOP WORK AUTHORITY, IF SCOPE CHANGES STOP & RE GROUP. AWARE PEOPLE OF HAZARD'S. NEAREST MEDICAL LONGMONT, ROUTE TO TAKE, MEETING AREA MOUTH OF LOCATION @ DOG HOUSE. LONG LAT & DIRECTIONS TO LOCATION ON WHITE BOARD IN DOG HOUSE AS WELL AS FIRST AID KIT. WATCH SWING OF HAMMERS AND PINCH POINT'S ON EQ TBG, TONGUES, WRENCHES . WATCH OVER HEAD EQ. STAY CLEAR OF PRESSURERIZED LINE & WH. WATCH LINES WHEN RIGGING DOWN .USE SPOTTERS. STAY CLEAR OF EQ LOADING ON WINCH TRUCK.
	7:00 - 8:00	1.00	WO/REP	52	G	P		TBG/0#CSG/0#,SCSG/190# MIRU HYDROTESTER(NAILL SERVICES) TORQUE WH BOLT'S CHECK ALINGMENT W/ FLOW LINE. PU BAR PSI TEST WH THROUGH MASTER VALVE TO 5000# FOR 15MIN GOOD TEST. RDMO HYDROTESTER. SWI, TAP BULL PLUG ALL VALVES HANG SING ON WH.
	7:00 - 7:00	0.00	WO/REP	52	I	X		SCSG/190# BLEW DOWN QUICK LEFT OPEN TELL RIG DOWN DID NOT PRODUCE ANYTHING. SHUT IN.CALL APC(CODY BOURGEOIS) SAID THEY WILL CHECK INTO IT CONTINUE FORWARD
	8:00 - 8:30	0.50	RDMO	30	C	P		RDMO BASIC 1524