

US ROCKIES REGION
Operation Summary Report

Well: STATE 32-16

Spud date: 12/1/2008

Project: COLORADO-WELD-NAD83-UTM13

Site: STATE 18-16 PAD

Rig name no.: BASIC 1524/1524

Event: WELL WORK EXPENSE

Start date: 7/12/2016

End date:

Active datum: RKB @5,176.00usft (above Mean Sea Level)

UWI: 0/1/N/68/W/16/0/SWNW/6/PM/N/1,595.00/0/0/1,011.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
6/20/2016	-							
7/8/2016	8:00 - 8:30	0.50	MIRU	35	1	P		MIRU SUMMIT SLICKLINE
	8:30 - 9:30	1.00	WO/REP	35	A	P		SLICKLINE FISH TOOLS @ 8116', TAG @ 8250'
	9:30 - 10:00	0.50	RDMO	35	1	P		RDMO SLICKLINE
7/12/2016	9:30 - 10:30	1.00	WO/REP	30	G	P		ROAD BASIC 1524 TO LOCATION.
	10:30 - 10:30	0.00	WO/REP	52	I	X		SCSG/280# BLEW DOWN LEFT OPEN FOR DAY DID NOT PRODUCE ANYTHING. SHUT IN AT END OF DAY.
	10:30 - 10:30	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
	10:30 - 13:00	2.50	MIRU	30	A	P		MIRU BASIC 1524 FACING WEST STRING FENCE AROUND LOCATION. GROUND DRY.WEATHER SUNNY & HOT. PAD OF WELLS NORTH & WEST.
	13:00 - 13:30	0.50	MIRU	30	E	P		CSG/250#.TBG20#.SCSG/100#. BULL HEAD 20BBL'S WATER W/BIO DOWN TBG & 25BBL'S DOWN CSG.
	13:30 - 14:00	0.50	MIRU	30	F	P		ND TOP FLANGE, NU BOP'S FUNCTION TEST UNLAND 2.375 TBG@ 34K.
	14:00 - 15:30	1.50	MIRU	31	I	P		TOOH TALLYING STANDING BACK IN DERRICK 45 STANDS 2.375 TBG. BLADDER ON RIG CLUTHES BLEW UP. CALL PUSHER NEW ONE ON WAY. RD EMI. SHUT & LOCK PIPE RAM'S SWI SDFN.
	15:30 - 16:30	1.00	MIRU	30	G	P		CREW TRAVEL TO YARD.
7/13/2016	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	X		SCSG/220# BLEW DOWN GAS LEFT OPEN FOR DAY DID NOT PRODUCE ANYTHING. SHUT IN AT END OF DAY.

US ROCKIES REGION
Operation Summary Report

Well: STATE 32-16		Spud date: 12/1/2008	
Project: COLORADO-WELD-NAD83-UTM13	Site: STATE 18-16 PAD		Rig name no.: BASIC 1524/1524
Event: WELL WORK EXPENSE	Start date: 7/12/2016		End date:
Active datum: RKB @5,176.00usft (above Mean Sea Level)	UWI: 0/1/N/68/W/16/0/SWNW/6/PM/N/1,595.00/0/0/1,011.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	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 FOR OPERATORS W/ EMI. BACK IN PARKING. USE PARKING BRAKES. PARK FACING AWAY FROM WORK AREA & EQ. PUT KEYS ON SEAT WHEN NOT RUNNING.
	7:00 - 7:30	0.50	WO/REP	30	E	P		TBG/200#,CSG/200#,SCSG/220. RU PUMP BULLHEAD 25BBL'S DOWN TBG & 25BBL'S DOWN CSG OF WATER/BIO.
	7:30 - 9:30	2.00	WO/REP	31	I	P		TOOH STANDING BACK IN DERRICK TALLYING 258JNT'S 2.375 TBG GOOD LN NC & SN.
	9:30 - 11:30	2.00	WO/REP	31	I	P		PU 4.5" RBP RETRIEVING HEAD,XN NIPPLE TIH OUT OF DERRICK 245JNT'S 2.375 TBG SET RBP@7741'.
	11:30 - 12:30	1.00	WO/REP	31	H	P		RU PUMP BREAK CIRCULATION DOWN CSG W/ WATER/BIO. CIRCULATE GAS OUT OF WELL.
	12:30 - 13:30	1.00	WO/REP	52	G	P		PSI TEST CSG/RBP TO 2000# FOR 15MIN GOOD TEST. SPOT 2SX SAND ON RBP DOWN TBG.
	13:30 - 15:00	1.50	WO/REP	31	I	P		TOOH SYANDING BACK IN DERRICK 245JNT'S 2.375 TBG LD RETRIEVING HEAD & XN NIPPLE.
	15:00 - 16:00	1.00	WO/REP	30	G	P		CEW TRAVEL TO LOCATION.
7/14/2016	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 . UNLAND CSG HAVE FLOOR DOWN UNDER BLOCKS, EVERYBODY OUTSIDE WH AREA. BACK IN PARKING. USE PARKING BRAKES. PARK FACING AWAY FROM WORK AREA & EQ. PUT KEYS ON SEAT WHEN NOT RUNNING.
	7:00 - 7:00	0.00	WO/REP	52	I	X		SCSG/120# BLEW DOWN QUICK LEFT OPEN FOR DAY DID NOT PRODUCE. TIH & CIRCULATED TO PREP FOR CEMENT. SHUT IN AT END OF DAY.

US ROCKIES REGION
Operation Summary Report

Well: STATE 32-16

Spud date: 12/1/2008

Project: COLORADO-WELD-NAD83-UTM13

Site: STATE 18-16 PAD

Rig name no.: BASIC 1524/1524

Event: WELL WORK EXPENSE

Start date: 7/12/2016

End date:

Active datum: RKB @5,176.00usft (above Mean Sea Level)

UWI: 0/1/N/68/W/16/0/SWNW/6/PM/N/1,595.00/0/0/1,011.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:00 - 9:30	2.50	WO/REP	30	F	P		CSG/0#,SCSG/120#. ND BOP'S & WH. LEAVE FLOOR DOWN SPEAR 4.5" CSG UNLAND @95K. STACK CSG OUT IN 8 5/8 SCSG. NU DRILL FLANGE. SPEAR THROUGH DUAL ENTRY FLANGE INTO 4.5" CSG PU SCREW TOGETHER. SET DOWN ON DRILL FLANGE. NU BOP'S FUNCTION TEST. CHANGE EQ OVER FOR 1.25 TBG.
	9:30 - 12:00	2.50	WO/REP	31	I	P		PU MULE SHOE CUT ON JNT 1.25 TBG. TIH CIRCULATING IN SPOTS TO 2019' W/62JNT'S 1.25 TBG. MAKING SWEEP OF DF2020 @ 1400' & 1595' & ON BOTTOM@2019'.
	12:00 - 15:00	3.00	WO/REP	31	H	P		RU PUMP CIRCULATE DOWN 1.25 TBG CIRCULATE CONDITIONING HOLE. RETURN'S MUD LITTLE SOLIDS & GAS. SHUT PUMP DOWN. PUH LD 5JNT'S EOT@1856' W/ 57JNT'S 1.25 TBG SHUT & LOCK PIPE RAM'S,SWI SDFN.
	15:00 - 16:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO YARD.
7/15/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 7:30	0.50	WO/REP	31	I	P		CSG/0#,TBG/0#,SCSG/0#. TIH 5JNT'S 1.25 TBG OFF TRAILER EOT@2019' W/1.25 TBG.
	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.
	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 . UNLAND/LANDING CSG HAVE FLOOR DOWN UNDER BLOCKS, EVERYBODY OUTSIDE WH AREA. BACK IN PARKING. USE PARKING BRAKES. PARK FACING AWAY FROM WORK AREA & EQ. PUT KEYS ON SEAT WHEN NOT RUNNING. AAUME RATE & PSI ON LINES @ ALL TIMES. GOOD COMMUNICATION BETWEEN CREWS.
	7:30 - 9:30	2.00	WO/REP	31	H	P		RU PUMP BREAK CIRCULATION DOWN TBG W/ MUD, CIRCULATE CONDITIONING HOLE. RETURN'S MUD NO GAS OR SOLIDS.
	9:30 - 10:00	0.50	WO/REP	31	I	P		PUH LD 13JNT'S ON TRAILER EOT@1595' W/49JNT'S 1.25 TBG. RU PUMP SPOT 15BBL'S 12# MUD DOWN TBG. PUH LD 6JNT'S EOT@1400' W/42JNT'S 1.25 TBG.
	10:00 - 11:30	1.50	WO/REP	51	C	P		MIRU SCHLUMBERGER. PUMP 5BBL'S FRESH,10BBL'S SMS,5BBL'S FRESH, 184SX(38BBL'S) CLASS G 15.8PPG 1.16ft3/SX 1BBL/MIN @100 #.DISPLACE 1BBL FRESH.RDMO CEMENTERS.
	11:30 - 12:00	0.50	WO/REP	31	I	P		TOOH LD 43JNT'S 1.25 TBG ON TRAILER.

US ROCKIES REGION
Operation Summary Report

Well: STATE 32-16

Spud date: 12/1/2008

Project: COLORADO-WELD-NAD83-UTM13

Site: STATE 18-16 PAD

Rig name no.: BASIC 1524/1524

Event: WELL WORK EXPENSE

Start date: 7/12/2016

End date:

Active datum: RKB @5,176.00usft (above Mean Sea Level)

UWI: 0/1/N/68/W/16/0/SWNW/6/PM/N/1,595.00/0/0/1,011.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	12:00 - 14:00	2.00	WO/REP	30	F	P		ND BOP'S. SPEAR 4.5"CSG UNFLANGE DUAL ENTRY FLANGE FROM DRILL FLANGE UNSCREW CSG FROM DUAL ENTRY FLANGE STACK 4.5" CSG OUT IN 8 5/8 SCSG. ND DUAL ENTRY FLANGE & DRILL FLANGE. RELAND 4.5" CSG @95K. NU WH & BOP'S FUNCTION TEST. CHANGE EQ OVER FOR 2.375 TBG. SHUT & LOCK BLIND RAM'S, SWI SDFN. CREW TRAVEL TO YARD.
	14:00 - 15:00	1.00	WO/REP	30	G	P		
7/18/2016	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 . UNLAND/LANDING CSG HAVE FLOOR DOWN UNDER BLOCKS, EVERYBODY OUTSIDE WH AREA. BACK IN PARKING. USE PARKING BRAKES. PARK FACING AWAY FROM WORK AREA & EQ. PUT KEYS ON SEAT WHEN NOT RUNNING. DO NOT WALK UNDER ELINE RUN PACK OFF.
	7:00 - 7:00	0.00	WO/REP	52	I	X		SCSG/220# BLEW DOWN QUICK BROUGHT 2 GALLONS FLUID(WATER). CALL APC (ERIC ONACILA). LEFT OPEN FOR THE DAY SHUT IN AT END OF DAY.
	7:00 - 9:00	2.00	WO/REP	35	E	P		CSG/0#,SCSG/220# MIRU PIONEER WL RIH LOG 15'-3930' VERIFY FOHILLS TOC@728'-BOC@1465' EMAIL LOG TO APC. RDMO WL.
	9:00 - 9:30	0.50	WO/REP	52	G	P		PSI TEST WH CONNECTION TO 2000# FOR 15MIN GOOD TEST.
	9:30 - 11:30	2.00	WO/REP	31	I	P		PU RETIEVINGHEAD, XN NIPPLE, TIH OUT OF DERRICK 245JNT'S 2.375 TBG TAG SAND ON RBP @7741'. RU TBG SWIVEL.
	11:30 - 12:30	1.00	WO/REP	31	H	P		RU PUMP BREAK CIRCULATION DOWN CSG. CIRCULATE SAND OUT OF HOLE RETRIEVE/RELEASE RBP@7741'.
	12:30 - 14:30	2.00	WO/REP	31	I	P		TOOH STANDING BACK 245JNT'S 2.375 TBG IN DERRICK. LD RETRIEVING HEAD & RBP.
	14:30 - 17:00	2.50	WO/REP	31	I	P		PU NC,2.375 XN NIPPLE, TIH OUT OF DERRICK 258JNT'S 2.375 TBG LAND TBG@8160'KB.
	17:00 - 18:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO YARD.
7/19/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOACTION.
	7:00 - 7:00	0.00	WO/REP	52	I	P		SCSG/30# BLEW DOWN QUICK DID NOT PRODUCE ANYTHING. SHUT IN WHEN RIGGED DOWN.
	7:00 - 8:30	1.50	WO/REP	45	A	P		TBG/0#,CSG/20#,SCSG/30#. RU LUBRICATOR RIH BROACH(1.911") TO ABOVE XN NIPPLE. ND BOP'S NU TOP FLANGE .

US ROCKIES REGION
Operation Summary Report

Well: STATE 32-16		Spud date: 12/1/2008	
Project: COLORADO-WELD-NAD83-UTM13	Site: STATE 18-16 PAD		Rig name no.: BASIC 1524/1524
Event: WELL WORK EXPENSE	Start date: 7/12/2016		End date:
Active datum: RKB @5,176.00usft (above Mean Sea Level)	UWI: 0/1/N/68/W/16/0/SWNW/6/PM/N/1,595.00/0/0/1,011.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	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 . UNLAND/LANDING CSG HAVE FLOOR DOWN UNDER BLOCKS, EVERYBODY OUTSIDE WH AREA. BACK IN PARKING. USE PARKING BRAKES. PARK FACING AWAY FROM WORK AREA & EQ. PUT KEYS ON SEAT WHEN NOT RUNNING. WATCH PINCH POINTS ON HYDRULIC WRENCH. STAY CLEAR OF WINCH TRUCK'S LIFTING EQ SPOTTERS ON TRUCK'S
	8:30 - 9:00	0.50	WO/REP	52	G	P		MIRU NAILL SERVICES HYDROTESTER TORQUE WH BOLT'S CHECK ALLIGNMENT OF WH W/ FLOWLINE. PU BAR PSI TEST WH THROUGH MASTER VALVE TO 5000# FOR 15MIN GOOD TEST. RDMO HYDROTESTER. SWI TAP BULL PLUG ALL VALVE'S,HANG SIGN ON WH.
	9:00 - 11:00	2.00	RDMO	30	H	P		RDMO BASIC 1524. PUT FENCES BACK UP AROUND WELL'S.