

US ROCKIES REGION
Operation Summary Report

Well: STATE 28-16

Spud date: 12/29/2008

Project: COLORADO-WELD-NAD83-UTM13

Site: STATE 18-16 PAD

Rig name no.: BASIC 1524/1524

Event: WELL WORK EXPENSE

Start date: 12/23/2015

End date: 1/18/2016

Active datum: RKB @5,174.00usft (above Mean Sea Level)

UWI: 0/1/N/68/W/16/0/SWNW/6/PM/N/1,408.00/0/0/1,053.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
12/22/2015	13:00 - 14:00	1.00	WO/REP	53	B	P		MIRU FLARE EQUIP/ REMOVE AUTOMATION
	14:00 - 17:00	3.00	WO/REP	53	B	P		BLOW DOWN CSG TO 100#, BLOW DOWN TBG TO 100#, BLOW DOWN SFC TO 0#, PUMPED 55 BBLS DOWN CSG, 25 BBLS DOWN TBG, WELL ON VACCUUM
	17:00 - 17:30	0.50	WO/REP	53	B	P		RDMO FLARE EQUIP
12/23/2015	7:30 - 9:00	1.50	WO/REP	35	A	P		MIRU SLICK LINE. RETREIVE TOOLS AT 8301 GL, TAG 8378' KB. MIRO SLICKLINE
	9:00 - 14:00	5.00	WO/REP	30	A	P		MIRU BASIC 1524. LOCATION VERY MUDDY MAKING THINGS SLOW. 20 PSI ON CSG. TBG/20#, CSG/300# GAS.
	14:00 - 14:30	0.50	WO/REP	30	F	P		ND WH. NU BOPS.
	14:30 - 16:30	2.00	WO/REP	31	I	P		TOOH W/ 2-3/8" TBG STANDING BACK TBG. EMI OUT. NO BAD JOINTS. TALLY TBG 264 TOTAL JOINTS.
	16:30 - 17:00	0.50	WO/REP			P		SHUT DOWN SECURE WELL FOR THE NIGHT
	17:00 - 18:00	1.00	WO/REP	30	G	P		CREW TRAVEL FROM LOCATION
	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
12/24/2015	7:00 - 9:30	2.50	WO/REP	31	I	P		CSG/50#,SCSG/100# BLOW DOWN GAS. PU 4.5" RBP(THUNDERBIRD),XN NIPPLE, TIH SET RBP@7873' W/250JNT'S 2.375. HAD HARD TIME SETTING PACKER DO TO DIR.
	9:30 - 10:30	1.00	WO/REP	31	H	P		RU PUMP BREAK CIRCULATION W/75BBL'S W/ WATER/BIO DOWN CSG UP TBG. CIRCULATE GAS OUT OF WELL.
	10:30 - 11:00	0.50	WO/REP	52	G	P		PSI TEST CSG TO 1000# FOR 15MIN GOOD TEST. SPOT 2 SX SAND DOWN TBG ONTO RBP.
	11:00 - 12:30	1.50	WO/REP	31	I	P		TOOH STANDING BACK 250JNT'S LD XN NIPPLE. RETRIEVING HEAD.
	12:30 - 15:30	3.00	WO/REP	30	F	P		ND BOP'S, & WH, SPEAR 4.5" CSG. UNLAND@ 85K STACK 4.5" CSG OUT INTO SCSG, NU DRILL FLANGE SPEAR THROUGH DUAL ENTRY FLANGE INTO CSG PU CSG . SCREW ON DUAL ENTRY FLANGE. FLANGE UP TO DRILL FLANGE. NU BOP'S FUNCTION TEST CHANGE OVER FOR 1.25 TBG SHUT & LOCK BLIND RAM'S SWI DRAIN EQ SDFN.
	15:30 - 16:30	1.00	WO/REP	30	G	P		CEW TRAVEL TO YARD.
	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 9:00	2.00	WO/REP	31	I	P		CSG/0#,SCSG30#, BLOW DOWN GAS. PU MULE SHOE CUT ON JNT OF 1.25 TBG TIH(ANNULUS) TO 1799' W/55JNT'S. CIRCULATING @812' W/25JNT'S
	9:00 - 11:30	2.50	WO/REP	31	H	P		RU PUMPBREAK CIRCULATION MAKE SWEEP OF DF 2020. CIRCULATE CONDITIONING HOLE SOME GAS CLEANED UP TO TO JUST MUD.
	11:30 - 12:00	0.50	WO/REP	31	H	P		SPOT 20BBL'S 10# MUD DOWN TBG. PUH LD 9JNT'S EOT@1504' W/46JNT'S 1.25 TBG.
12/26/2015	12:00 - 12:30	0.50	WO/REP	51	C	P		MIRU SANJEL PUMP 20 SMS,10BLL'S FRESH, 150SX(35.5BBL'S)TYPE III CEMENT @1000# 2BBL'S/MIN, DISPLACE 1BBL. RETURN'S CLEAN NO GAS. RDMO SANJEL.

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	12:30 - 13:00	0.50	WO/REP	31	I	P		TOOH LD 46JNT'S 1.25 TBG ON TRAILER.
	13:00 - 14:30	1.50	WO/REP	30	F	P		ND BOP'S SPEAR 4.5" CSG THROUGH DUAL ENTRY FLANGE UNFLANGE FROM DRILL FLANGE. UNSCREW DUAL ENTRY FLANGE FROM 4.5" CSG. STACKOUT CSG IN 8 5/8. ND DUAL ENTRY FLANGE & DRILL FLANGE. RELAND CSG @120K NU WH BOP'S FUNCTION TEST. CHANGE EQ OVER FOR 2.375 TBG. DRAIN EQ SHUT & LOCK BLIND RAM'S SWI SDFN.
	14:30 - 15:30	1.00	WO/REP	30	G	P		CREW TRAVEL TO YARD.
12/27/2015	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 9:30	2.50	WO/REP	35	E	P		CSG/0#,SCSG/0#. MIRU FMC WL RIH LOG W/ TEMP 15'-4150' VERIFY FOXHILLS TOC@720'-BOC@1504' EMAIL LOG TO APC,RDMO FMC WL.
	9:30 - 10:00	0.50	WO/REP	52	G	P		PSI TEST 4.5" CSG & WH CONNECTION TO 1000# FOR 15MIN. GOOD TEST.
	10:00 - 11:30	1.50	WO/REP	31	I	P		PU RETRIEVING HEAD,XN NIPPLE TIH OUT OF DERRICK. TAG SAND ON RBP(THUNDERBIRD)@7873' W/250JNT'S 2.375. RU TBG SWIVAL.
	11:30 - 12:30	1.00	WO/REP	31	H	P		BREAK CIRCULATION W/WATER/BIO CIRCULATE. CO SAND RETRIEVE/RELEASE RBP.
	12:30 - 14:00	1.50	WO/REP	31	I	P		TOOH STANDING BACK 250JNT'S 2.375 TBG, LD XN NIPPLE,& RETRIEVING HEAD.
	14:00 - 16:00	2.00	WO/REP	31	I	P		PU NC XN NIPPLE TIH OUT OD DERRICK TO 8325' W/264JNT'S 2.375,SHUT & LOCK PIPE RAM'S, DRAIN EQ, SWI SDFN
	16:00 - 17:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO YARD.
12/28/2015	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 10:00	3.00	WO/REP	31	I	P		WARM UP RIG. TIH WITH 6 JOINTS, ONE AT A TIME AND CIRC FOR 10 MIN AFTER EACH JOINT TO CLEAN OUT TO PBTD. GOOD RETURNS, A LITTLE GASSY.
	10:00 - 11:30	1.50	WO/REP	31	H	P		CIRCULATE WELL TO ENSURE ALL FILL IS OUT. LD 6 STANDS AND LAND TUBING AT 8325'
	11:30 - 12:30	1.00	WO/REP	31	H	P		RU RIG LUBRICATOR TO BROACH TO ABOVE XN.
	12:30 - 13:30	1.00	WO/REP	30	F	P		RD UUBRICATOR. RD RIG FLOOR. ND BOPS, INSTALL 5K MASTER VALVE. TORQUE UP.
	13:30 - 14:00	0.50	WO/REP	52	G	P		RU HYDROTESTER TO PRESSURE TEST MASTER VALVE TO 5000 PSI. TEST GOOD. NU 5K WELL HEAD.
	14:00 - 15:00	1.00	WO/REP	30	H	P		RIG DOWN BASIC 1524 AND MOVE TO STATE 30-16.
1/18/2016	10:45 - 10:45	0.00	PROD	50	A	P		RWTP up rplcd TBG after BRDNHD FIX. NBCD
	10:45 - 10:45	0.00	PROD	52	D	P		0 PSI, NO FLUIDS REPORTED