

US ROCKIES REGION
Operation Summary Report

Well: COOK 6-9			Spud date: 1/21/2004							
Project: COLORADO-WELD-NAD83-UTM13			Site: COOK 6-9				Rig name no.: BASIC 1524/1524, TEC 38/38			
Event: WELL WORK EXPENSE			Start date: 2/16/2016					End date:		
Active datum: RKB @4,886.99usft (above Mean Sea Level)			UWI: SE/NW/0/2/N/65/W/9/0/0/6/0/N/2,195.00/W/0/2,175.00/0/0							
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation		
2/16/2016	9:00 - 10:00	1.00	WO/REP	30	G	P		ROAD RIG TO LOCATION.		
	10:00 - 12:00	2.00	MIRU	30	A	P		MIRU BASIC 1524. AND EQ CHANGE OVER BOP BOLTS' FOR 3K WH. GROUND WET WEATHER SUNNY. SDFN.		
	12:00 - 13:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO YARD.		
	13:00 - 14:30	1.50	WO/REP	35	A	P		MIRU CORTECH SLICKLINE RIH RETRIEVE PRODUCTION EQ @7196'KB, RIH TAG FILL @7234'KB, RDMO SLICKLINE.		
	10:00 - 11:00	1.00	MIRU	53	B	P		TP500/CP10/SP300, MIRU FLARE EQUIP/PULL AUTOMATION		
2/17/2016	11:00 - 14:00	3.00	WO/REP	53	B	P		BLOW DOWN CSG THROUGH FLARE TO 0#, BLOW DOWN TBG TO 100#, BLOW DOWN SFC TO 0 PSI IN 5 MINUTES, NO FLUID FLOWED BACK, PUMPED 55 BBLS DOWN CSG, 25 BBLS DOWN TBG, WELL ON VAC		
	14:00 - 14:30	0.50	RDMO	53	B	P		SWI, RDMO FLARE EQUIP		
	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.		
	7:00 - 8:30	1.50	WO/REP	30	E	P		TBG/150#,CSG/40#,SCSG/280#, BULL HEAD 20BBL'S DOWN TBG, & 30BBL'S DOWN CSG OF WATER/BIO. BLOW DOWN CSG BROUGHT 2BBL'S +/- OF FLUID.		
	8:30 - 9:00	0.50	WO/REP	30	F	P		ND WH, NU BOP'S FUNCTION TEST. UNLAND 2.375 TBG @27K.		
2/18/2016	9:00 - 11:00	2.00	WO/REP	31	I	P		MIRU EMI(PRS) TOO H STANDING BACK TALLYING W/229JNT'S GOOD LD 1JNT CRIMPED 2.375 TBG, RDMO EMI.		
	11:00 - 12:30	1.50	WO/REP	31	I	P		PU 4.5" RBP(THUNDERBIRD) RETRIEVING HEAD, XN NIPPLE TIH OUT OF DERRICK SET RBP@6841' W/219JNT'S 2.375 TBG.		
	12:30 - 13:30	1.00	WO/REP	31	H	P		RU PUMP BREAK CIRCULATION DOWN CSG W/ WATER/BIO. CIRCULATE GAS OUT OF WELL.		
	13:30 - 14:00	0.50	WO/REP	52	G	P		PSI TEST TO 1000# FOR 15MIN W/ RIG PUMP WATER/BIO. GOOD TEST. SPOT 2SX SAND DOWN TBG ONTO RBP.		
	14:00 - 15:30	1.50	WO/REP	31	I	P		TOOH STANDING BACK TO DERRICK 219JNT'S 2.375 TBG LD RETRIEVING HEAD & XN NIPPLE.		
	15:30 - 18:00	2.50	WO/REP	30	F	P		ND BOP'S & WH, SPEAR 4.5" CSG UNLAND @70K STACK OUT IN 8 5/8 SCSG NU DRILL FLANGE. SPEAR THROUGH DUALL ENTRY FLANGE INTO CSG PU THREAD TOGETHER FLANGE UP TO DRILL FLANGE. NU BOP'S FUNCTION TEST. CHANGE EQ OVER FOR 1.25 TBG SHUT & LOCK BLIND RAM'S SWI DRAIN EQ SDFN.		
	18:00 - 19:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.		
	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.		
	7:00 - 8:30	1.50	WO/REP	31	I	P		CSG/0#,SCSG/50#, BLEW DOWN GAS. PU MULE SHOE CUT ON JNT 1.25 TBG. TIH EOT@1669' W/51JNT'S CIRCULATING IN SPOT'S. BREAK CIRCULATION W/WATER/BIO. MAKE SWEEP OF DF2020 @ 1208' W/37JNT'S.		

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Event: WELL WORK EXPENSE

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End date:

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UWI: SE/NW/0/2/N/65/W/9/0/0/6/0/N/2,195.00/W/0/2,175.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:30 - 12:00	3.50	WO/REP	31	H	P		BREAK CIRCULATION DOWN TBG W/ WATER/BIO. MAKE SWEEP OF DF 2020. CIRCULATE CONDITIONING HOLE. RETURN'S MUD GAS & SOLIDS CLEANED UP NO GAS & VERY LITTLE SOLID'S. SD PUMP.
	12:00 - 12:30	0.50	WO/REP	31	H	P		SPOT 20BBL'S 10# MUD DOWN TBG. PUH LD 7JNT'S EOT@1439' W/44JNT'S 1.25 TBG.
	12:30 - 13:30	1.00	WO/REP	51	C	P		MIRU BAKER HUGHES, PUMP 5BBL'S FRESH,20BBL'S SMS,5BBL'S FRESH, 170SX(40BBL'S) TYPE III FOXHILLS PLUG@ 1000# 2BBL'S/MIN,DISPLACE 2BBL'S FRESH. RETURN'S MUD NO GAS OR SOLID'S. RDMO BAKER HUGHES
	13:30 - 14:00	0.50	WO/REP	31	I	P		TOOH LD 44JNT'S 1.25 TBG ON TRAILER.
	14:00 - 16:30	2.50	WO/REP	30	F	P		ND BOP'S SPEAR THROUGH DUAL ENTRY FLANGE INTO 4.5" CSG. UNFLANGE FROM DRILL FLANGE & UNSCREW FROM CSG. STACK CSG OUT IN 8 5/8 SCSSG. ND DUAL ENTRY FLANGE & DRILL FLANGE. RELAND 4.5" CSG@60K. NU WH & BOP'S FUNCTION TEST. CHANGE EQ OVER FOR 2.375 TBG SHUT & LOCK BLIND RAM'S, SWI, DRAIN EQ SDFN.
	16:30 - 17:30	1.00	WO/REP	30	G	P		CEW TRAVEL TO YARD.
2/19/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	7:00 - 8:30	1.50	WO/REP	35	E	P		CSG/0#,SCSG/0# MIRU IPS WL RIH LOG W/ TEMP 4300'-12' VERIFY FOXHILLS TOC@732'-BOC@1442' EMAIL LOG TO APC. RDMO WL.
	8:30 - 9:00	0.50	WO/REP	52	G	P		RU PUMP PSI TEST CSG & WH CONNECTION TO 1000# FOR 15MIN W/ WATER/BIO. GOOD TEST. RED ZONE CLEAR.
	9:00 - 10:00	1.00	WO/REP	31	O	P		PU RETRIEVING HEAD,XN NIPPLE, TIH OUT OF DERRICK TAG SAND ON RBP(THUNDERBIRD)@6841' W/219JNT'S 2.375 TBG RU TBG SWIVEL.
	10:00 - 10:30	0.50	WO/REP	31	H	P		BREAK CIRCULATION W/ WATER/BIO CO SAND RETRIEVE/RELEASE RBP.
	10:30 - 12:00	1.50	WO/REP	31	P	P		TOOH STANDING BACK IN DERRICK 219JNT'S 2.375 TBG LD RBP RETRIEVING HEAD,XN NIPPLE.
	12:00 - 14:00	2.00	WO/REP	31	O	P		PU NC,XN NIPPLE, TIH OUT OF DERRICK TAG FILL@7234' KB W/232JNT'S 2.375 TBG.
	14:00 - 16:00	2.00	WO/REP	31	H	P		RU TBG SWIVEL BREAK CIRCULATION W/ WATER/BIO CO TO 7336' PBMD W/235JNT'S 2.375 TBG. CIRCULATE HOLE CLEAN. RETURN'S SAND. SD PUMP, RD POWER TBG SWIVEL PUH LD 5 JNT'S. LAND TBG@7189'KB W/230JNT'S 2.375 TBG.
	16:00 - 17:00	1.00	WO/REP	45	A	P		RU LUBRICATOR BROACH(1.911") TO ABOVE XN NIPPLE. ND BOP'S NU WH.
	17:00 - 17:30	0.50	WO/REP	52	G	P		MIRU HYDROTESTER(NAILL SERVICES) TORQUE WH BOLT'S. CHECK ALLINGMENT W/ FLOWLINE. PSI TEST TO 5000# FOR 15MIN GOOD TEST, RED ZONE CLEAR, RDMO HYDROTESTER. SWI HANG SIGN. TAP BULL PLUG ALLL VALVE'S.
	17:30 - 18:30	1.00	RDMO	30	C	P		RDMO BASIC 1524 SDFN.
	18:30 - 19:30	1.00	RDMO	30	G	P		CREW TRAVEL TO YARD.
2/22/2016	7:00 - 9:00	2.00	WO/REP	35	E	P		MIRU CORE TECH RIH MAKING STOP'S FOR GYRO EMAIL TO APC. RDMO

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
3/7/2016	16:30 - 17:30	1.00	MIRU	42	B	P		MIRU Tec 38
	17:30 - 18:30	1.00	WO/REP	42	B	P		SDFN
3/8/2016	6:00 - 7:00	1.00	WO/REP	42	B	P		CT
	7:00 - 15:30	8.50	WO/REP	42	B	P		swab
	15:30 - 17:00	1.50	WO/REP	42	B	P		flow
	17:00 - 18:00	1.00	WO/REP	42	B	P		SDFN
3/9/2016	6:00 - 7:00	1.00	WO/REP	42	B	P		CT
	7:00 - 8:00	1.00	WO/REP	42	B	P		swab
	8:00 - 9:30	1.50	WO/REP	42	B	P		flow, cycle attempt
	9:30 - 10:00	0.50	WO/REP	42	B	P		swab
	10:00 - 10:30	0.50	WO/REP	42	B	P		flow
	10:30 - 11:00	0.50	RDMO	42	B	P		RDMO