

US ROCKIES REGION
Operation Summary Report

Well: BRAND #2				Spud date: 2/16/1980					
Project: COLORADO-WELD-NAD83-UTM13				Site: BRAND #2				Rig name no.: BASIC 1524/1524	
Event: RE ENTER				Start date: 2/22/2016			End date: 3/15/2016		
Active datum: RKB @4,902.00usft (above Mean Sea Level)				UWI: SE/SW/0/2/N/66/W/29/0/0/6/PRIME/S/660.00/W/0/2,180.00/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation	
2/19/2016	-								
2/22/2016	6:00 - 7:00	1.00	MIRU			P		CREW TRAVEL TO RIG.	
	7:00 - 8:30	1.50	MIRU			P		ROAD BASIC 1524 & EQ TO LOCATION.	
	8:30 - 8:30	0.00	MIRU	01	B	P		MIRU BASIC 1524/ EQ. RU FACING SOUTH STRING FENCE AROUND LOCATION. PUMP SW OF RIG, & TANK'S TO NW. WEATHER SUNNY. GROUND DRY & SOFT.	
	8:30 - 13:30	5.00	MIRU	14	A	P		SCSG/0#. ND CAP ON 8 5/8 SCSG, NU DRILL FLANGE, SPOOL & BOP'S FUNCTION TEST & RETURN LINE'S	
	13:30 - 14:00	0.50	MIRU	01		P		RU PUMP PSI TEST BOP'S & SCSG TO 500# W/ CRYSTAL GAUGE FOR 15MIN. LOST 150# IN 15MIN CALL APC GOOD TEST. CLEAR RED ZONE & TIE OFF BOP'S TO BLOCK'S.	
	14:00 - 15:00	1.00	MIRU	01	B	P		RU POWER SWIVEL	
	15:00 - 18:00	3.00	MIRU	01	B	P		PU 7 7/8 ROCK BIT NUMBER 16 JET, BIT & BIT SUB. 3/4" DRILL COLLAR. ARF COULD NOT GET MUD TALK TO APC SHUT US DOWN. RD POWER SWIVEL. SHUT & LOCK BLIND RAM'S. SWI DRAIN EQ SDFN.	
	18:00 - 19:00	1.00	MIRU			P		CREW TRAVEL TO YARD.	
2/23/2016	13:00 - 14:00	1.00	REE	01	B	P		CT TO LOCATION JSA SAFETY MEETING	
	14:00 - 14:30	0.50	REE	01	B	P		RU POWER SWIVEL PICK UP 7 7/8 ROCK BIT W/#16 JETS ON IT	
	14:30 - 19:00	4.50	REE	22	O	S		WAITED FOR 9 PPG MUD	
	19:00 - 22:00	3.00	REE	02	F	P		PICK UP 1-3.5 DRILL COLLAR, RIH TAG TOC @ 12' ESTABLISHED CIRCULATION WITH WATER W/BIO 2.6 BPM @ 100 PSI STARTED DRILLING CMT, DRILLED OUT 42' OF CMT	
	22:00 - 22:30	0.50	REE	06	A	P		RIH TO 170' TAG 2ND PLUG	
	22:30 - 23:59	1.48	REE	05	C	P		EOT @ 170' TOP OF CMT PLUG, STARTED CIRCULATING WITH 9 PPG MUD 40 VISC @ 3 BPM @ 150 PSI CIRCULATED WELL CLEAN	
2/24/2016	0:00 - 2:00	2.00	REE	02	E	P		EOT @ 170' W/6 3.5 DRILL COLLARS DRILLED 20' OF CMT & FELL THRU MUD VISC @ 53, 9.2 PPG, NO GAS ON RETURNS JUST CMT & DEHYDRATED NUD	
	2:00 - 4:00	2.00	REE	02	E	P	542	RIH TO 318' HITTING BRIDGES ON & OFF, TOTAL 10 3.5 DRILL COLLARS, X/O TO 3.5 N-80 TGB THEN TAG HARD SPOT @ 542' WORKED THRU. MUD VISC @ 53 & 9.5 PPG @ 3.5 BPM, NO GAS ON RETURNS	
	4:00 - 6:00	2.00	REE	02	E	P	828	KEPT MAKING CONNECTIONS & HITTING BRIDGES ON AND OFF TO 828' RUN OUT OF 9 PPG MUD, GOT BIG CHUNKS OF DEHYDRATED MUD & VERY THICK MUD ON RETURNS NO GAS. CUTTINGS TRAILER GOT FULL OF DEHYDRATED MUD & CMT	
	6:00 - 11:30	5.50	REE	02	E	P	985	DRILL TO 985' BROKE THROUGH RETURN'S FULL DEHYDRATED MUD & SHALE COMING BACK. NO GAS. PUMP RATE 6.5BBL'S/MIN @ 400#. MUD 08:30- 9.5PPG 44 VIS, 10:00-9.5PPG 47 VIS, 11:00-9.6PPG 60 VIS.	

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End date: 3/15/2016

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	11:30 - 13:00	1.50	REE	06	A	P	1308	CONTINUE TIH W/ SWIVEL CIRCULATING EVERY 5JNT'S FOR 15 MIN TO 1308' W/ 31 JNT'S 3.5" WORKSTRING +BHA. MUD @ 12:00 9.5PPG 46 VIS.
	13:00 - 13:30	0.50	REE	05	C	P		CIRCULATING DOWN TBG 5.5BBL'S/MIN 500# 2 VOLUMES. RETURN'S GOOD, DEHYDRATED MUD & SHALE NO GAS.
	13:30 - 16:00	2.50	REE	06	A	P	1999	CONTINUE TIH REAMING & CIRCULATING EVRY 5JNT'S TO 1999' W/53JNT'S 3.5" WORKSTRING + BHA. WHILE TIH CIRCULATING DOWN TBG. @14:00- RETURN SIDE 9.5PPG 45VIS,-PUMP SIDE-9.3PPG,15:00-RETURN SIDE,-9.6PPG 43VIS, PUMP SIDE-9.4PPG 45VIS.
	16:00 - 17:00	1.00	REE	05	C	P	1999	CIRCULATE DOWN TBG 3.5BBL'S/MIN @ 800#. RETURN'S GOOD LOT'S OF DEHYDRATED MUD & SHALE BACK CIRCULATING CLEANING UP. 16:00 RETURN SIDE 9.3PPG 33VIC, PUMP SIDE 9.5PPG 43VIS.
	17:00 - 18:00	1.00	REE	02	E	P		DRILL TO 2305' W/63 JTS 3.5 WS + BHA
	18:00 - 19:30	1.50	REE	06	A	P		CONTINUED TIH MAKING CONNECTION W/SWIVEL WORKING THRU HARD SPOTS TO 2560' W/71 JTS + BHA 19:15 MUD VISC:58, @ 9 PPG, 20:15 MUD VISC:56, 9.4 PPG 4 BPM @ 550 PSI, DEHYDRATED MUD & SHALE ON RETURNS NO GAS
	19:30 - 20:00	0.50	REE	05	C	P		CIRCULATED WELL FOR 30 MINS
	20:00 - 21:30	1.50	REE	02	E	P		MAKING CONNECTIONS & CIRCULATING THRU HARD SPOTS TO 2917' W/ 82 JTS + BHA VISC:45, 9.3 PPG 3.5 BPM @ 500 PSI
	21:30 - 22:30	1.00	REE	06	A	P		SWIVEL UP TBG TO 3110' W/88 JTS + BHA
	22:30 - 23:30	1.00	REE	08	B	P		BIG PUMP BROKE DOWN, PRIMED LINES W/CLEAN WATER TRYING TO GET PUMP TO WORK, SWITCHED TO SMALL PUMP
	23:30 - 23:59	0.48	REE	05	C	P		CIRCULATED WELL, DEHYDRATED MUD & SHALE ON RETURNS NO GAS. 3.5 BPM @ 700 PSI, MUD VISC:37, 9 PPG
2/25/2016	0:00 - 1:30	1.50		05	C	P		CIRCULATED BOTTOMS UP @ 3.5 BPM @ 700 PSI, GETTING DEHYDRATED MUD & SHALE ON RETURNS LITTLE BIT OF GAS
	1:30 - 3:30	2.00	REE	06	A	P		CIRCULATING & SWIVEL UP TBG TO 3520' W/91 JTS 3.5 TBG + BHA, MUD VISC:48, MUD WT:9.4 PPG @ 3:30 AM
	3:30 - 6:00	2.50	REE	05	C	P		CIRCULATED WELL 3.5 BPM @ 800 PSI, KEPT LOSING PRIME ON PUMP MUD VISC GOT TO 105, ADDED FRESH WATER TO THIN IT OUT. USED MUD TRUCK TO HAUL MUD CLOSER TO PUMP. GOT TRASH PUMP @ 4:30 AM MUD PUMPING VISC: 48, MUD WT:9.1PPG, MUD ON RETURNS VISC:108, MUD ON RETURNS WT:9.2 @ 6:00 AM MUD PUMPING VISC:63, MUD WT: 9.6 PPG, DEHYDRATED MUD & SHALE ON RETURNS WITH A LITTLE BIT OF GAS.
	6:00 - 7:00	1.00	REE	06	A	P	3614	TIH CIRCULATING EVERY FIVE JNT'S TO 3614' W/ 104JNT'S 3.5" WORKSTRING +BHA. 07:00 MUD ON RETURN SIDE 9.5PPG & VIS WENT REALLY HIGH, PUMP SIDE 9.5PPG & 40VIS CALL APC DECIDE TO TRICKLE DF 2020 INTO TAKE AND GET MUD NORMAL.

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	7:00 - 9:00	2.00	REE	05	C	P		PUMP DOWN TBG 5BBL'S/MIN @400# START TRICKLING DF 2020 INTO MUD @ TANK & CIRCULATE GOT MUD BACK TO 9.0PPG & 40VIS ON RETURN SIDE, & PUMPSIDE 9.3PPG & 38VIS DECIDE TO CONTINUE IN HOLE CIRCULATING EVERY 5JNT'S. RETURN'S NO GAS THICK MUD & DEHYDRATED MUD & SHALE CLEANING UP.
	9:00 - 11:00	2.00	REE	06	A	P	4139	CONTINUE TIH CIRCULATING EVERY 5JNT'S TAG CSG STUB @4139' W/ 121JNT'S 3.5" WORKSTRING +BHA.
	11:00 - 13:00	2.00	REE	05	C	P		CIRCULATE W/ MUD DOWN 3.5" TBG 6BBL'S/MIN@ 300# 11:00 PUMPSIDE 9.3PPG & 45VIS RETURN'S 9.0PPG & 50VIS. GETTING BACK DEHYDRATED MUD & SHALE NO GAS PRESENT. CLEANED UP. MUD RETURN SIDE 9.0PPG & VIS, PUMP SIDE 9.0PPG & 46VIS.
	13:00 - 13:30	0.50	REE	01	E	P		RD POWER SWIVEL GET READY TO TOOH.
	13:30 - 15:30	2.00	REE	06	A	P		TOOH STANDING BACK IN DERRICK 120JNT'S 3.5" TBG. LD 10 3.5" DRILL COLLARS & 7 7/8 ROCK BIT.
	15:30 - 17:00	1.50	REE	06	A	P		PU 2 3/8 MULE SHOE TIH OUT OF THE DERRICK 3.5" TBG TAG CSG STUB@ 4139' W/130 JNT'S 3.5" TBG+BHA.
	17:00 - 19:30	2.50	WO/REP	35	E	P		GYRO SURVEY
	17:00 - 17:30	0.50	REE	05	C	P		CIRCULATED WELL FOR 15 MINS, THEN LOST CIRCULATION TBG WAS PRESSURED UP TO 2000 PSI
	17:30 - 18:00	0.50	REE	06	A	P		TOOH 10 STDS, PLACED EOT @ 3505'
	18:00 - 18:30	0.50	REE	05	C	P		TRIED TO CIRCULATED TBG PRESSURED UP TO 2000' NO CIRCULATION
	18:30 - 19:30	1.00	REE	06	A	P		TOOH 20 STDS PLACED EOT @ 2237'
	19:30 - 20:00	0.50	REE	05	C	P		TRIED TO CIRCULATE, TBG PRESSURE UP TO 2000 PSI NO CIRCULATION
	20:00 - 21:00	1.00	REE	06	A	P		TOOH SB ALL 3.5 TBG. 3.5 XN NIPPLE & 2 3/8 MULE SHOE JT WERE PLUGGED OFF WITH HARD MUD, LD 2 3/8 MULE SHOE JT UNPLUGGED 3.5 XN NIPPLE
	21:00 - 22:00	1.00	REE	06	A	P		TIH 3.5 XN NIPPLE & 35 JTS 3.5 WORK STRING TBG EOT @ 1107'
	22:00 - 22:30	0.50	REE	05	C	P		CIRCULATED WELL, TOOK 60 BBLS TO GET CIRCULATION 4 BPM @ 300 PSI GETTING SHALE & DEHYDRATED MUD ON RETURNS
	22:30 - 23:00	0.50	REE	06	A	P		TIH TO 1995' W/68 JTS IN HOLE
	23:00 - 23:15	0.25	REE	05	C	P		CIRCULATED WELL SHALE & DH-MUD NO GAS ON RETURNS
	23:15 - 23:45	0.50	REE	06	A	P		TIH TO 2628' W/83 JTS IN HOLE
	23:45 - 23:59	0.23	REE	05	C	P		CIRCULATED WELL 4 BPM @ 300 PSI DH- MUD & SHALE NO GAS ON RETURNS
2/26/2016	0:00 - 0:30	0.50	REE	06	A	P		EOT @ 2628' TIH TO 3262' W/103 JTS 3.5 TBG
	0:30 - 1:00	0.50	REE	05	C	P		CIRCULATED WELL @ 4 BPM GETTING DH-MUD & SHALE ON RETURNS NO GAS MUD VISC:48, MUD WT:9.6 PPG
	1:00 - 1:30	0.50	REE	06	A	P		TIH TO 4139' TAG CSG STUB W/130 JTS LD 1 JT

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	1:30 - 2:30	1.00	REE	05	C	P		CIRCULATED BOTTOMS UP 5 BPM @ 300 PSI MUD VISC:45, MUD WT:9.4 PPG GOT CLEAN RETURNS NO GAS PRESENT
	2:30 - 3:00	0.50	REE	10	C	P		RU CORE-TECH SLICKLINE TOOLS COULD NOT FALL DOWN FAST ENOUGH RD SLICKLINE
	3:00 - 3:30	0.50	REE	05	C	P		LOADED 3.5 TBG WITH FRESH WATER=40 BBLS
	3:30 - 5:30	2.00	REE	10	C	P		RU CORE-TECH SL RUN GYRO FROM 4100' TO SURFACES WITH STOPS EVERY 100' RD SLICKLINE
	5:30 - 6:00	0.50	REE	23		P		HELD SANJEL JSA SAFETY MEETING
	6:00 - 7:30	1.50	REE	18		P		RU SANJEL PRESSURE TESTED LINES TO 2500 PSI PUMPED 5 BBL FRESH WATER, 20 BBL SMS & 5 FRESH WATER, 85 SX(18BBL'S) CLASS G CMT 15.8 PPG, 1.15 CF/SK =17.4 BBLS OF CMT BALANCED OUT W/33 BBLS WATER. 3BBL'S/MIN @450#. RETURN'S GOOD VERY LITTLE SOLIDS.
	7:30 - 8:00	0.50	REE	06	C	P		PUH LD 5JNT'S 3.5" TBG STAND BACK 16 STAND'S IN DERRICK EOT@2913'.
	8:00 - 12:00	4.00	REE	13	B	P		RU PUMP CIRCULATE DOWN TBG MUD STAYED @ 9PPG & 40VIS. WAITING ON CEMENT SO WE CAN TAG PLUG.
	12:00 - 12:30	0.50	REE	06	A	P		TIH TAG CEMENT PLUG @3848' W/ 122JNT'S 3.5" TBG.
	12:30 - 14:30	2.00	REE	06	A	P		PUH LD 3.5" TBG EOT@ 1044' W/ 33JNT'S
	14:30 - 15:00	0.50	REE	05	C	P		RU PUMP BREAK CIRCULATION DOWN 3.5" TBG CIRCULATE, RETURN'S VERY LITTLE SOLID'S, NO GAS. 9.0PPG 40VIS.
	15:00 - 16:00	1.00	REE	18		P		RU SANJEL PUMP 10BBL'S SAPP,20BBL'S FRESH, 365SX(86BBL'S) TYPE III CEMENT 3BBL/MIN @150# DISPLACE 1BBL. RETURN'S FULL LITLLE SOLID'S NO GAS. RDMO SANJEL. NO CEMENT BACK TO SURFACE.
	16:00 - 17:30	1.50	REE	06	C	P		TOOH LD 33JNT'S 3.5" TBG SHUT & LOCK BLIND RAM'S SWI DRAIN CLEAN MUD OUT PUMP'S DRAIN EQ SDFN.
	17:30 - 18:30	1.00	REE			P		CREW TRAVEL TO YARD.
2/29/2016	6:00 - 7:00	1.00	REE			P		CREW TRAVEL TO LOCATION.
	7:00 - 8:00	1.00	REE	06	A	P		SCSG/0# PU 9 JNT'S 3.5" TBG TAG TOC@276'. CALL APC. NEED TO PUMP MORE CEMNT TO SURFACE.
	8:00 - 11:00	3.00	REE	05	A	P		CIRCULAT DOWN TBG WAIT FOR CEMENT TO ARRIVE.
	11:00 - 12:00	1.00	REE	18	A	P		MIRU SANJEL PUMP 5BBL'S FRESH 85SX(20BBL'S) TYPE III CEMENT, 2BBL'S/MIN 50#, DISPLACE 1BBL. RETURN'S GOOD NO GAS VERY LITLLE SOLID'S. RDMO SANJEL.
	12:00 - 13:30	1.50	REE	06	A	P		TOOH LD 9JNT'S 3.5" TBG, SHUT & LOCK BLIND RAM'S. SWI, DRAIN EQ SDFN.
	13:30 - 14:30	1.00	REE			P		CREW TRAVEL TO YARD.
3/1/2016	6:00 - 7:00	1.00	REE			P		CREW TRAVEL TO LOCATION.
	7:00 - 7:30	0.50	REE	06	A	P		SCSG/0# TIH TAG TOC@ 180' W/6JNT'S 3.5" TBG. CALL APC. ORDER MORE CEMENT.
	7:30 - 11:00	3.50	REE	13	B	P		WAIT ON CEMENT TO GET TO LOCATION. DUE TO TOC BEING TO DEEP.

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	11:00 - 11:30	0.50	REE	18		P		MIRU SANJEL PUMP 5BBL'S FRESH, 45SX(14.2BBL'S) CONTROL SET C @ 3BBL'S/MIN 150#, DISPLACE 1 BBL FRESH. RETURN'S GOOD NO GAS. WHILE PUMPING WE GOT CEMENT BACK TO SURFACE @12 BBL'S OF SLURRY DOWN HOLE. FINISH PUMPING ALL CEMENT DOWN HOLE. RDMO SANJEL.
	11:30 - 12:30	1.00	REE	06	A	P		TOOH LD 6JNT'S 3.5" TBG. SHUT & LOCK BOP'S SWI DRAIN EQ SDFN.
	12:30 - 13:30	1.00	REE			P		CREW TRAVEL TO YARD.
3/2/2016	6:00 - 7:00	1.00	REE			P		CREW TRAVEL TO LOCATION.
	7:00 - 7:30	0.50	REE	06	A	P		SCSG/0#.PU 1JNT 3.5" TBG TAG TOC @17' LD JNT.
	7:30 - 8:00	0.50	REE	01	E	P		ND BOP'S NU CAP.
	8:00 - 9:00	1.00	REE	01	E	P		RDMO BASIC 1524.
3/15/2016	10:00 - 11:00	1.00	ABANDP	53		P		crew travel, Redzone
	11:00 - 12:00	1.00	ABANDP	53		P		dug up surface casing
	12:00 - 13:00	1.00	ABANDP	53		P		cut casing 6' below GL, tagged @ 9'
	13:00 - 14:00	1.00	ABANDP	53		P		filled casing stub with 3 bags 5000 psi cement
	14:00 - 15:00	1.00	ABANDP	53	A	P		capped casing with a metal plate containing well info
	15:00 - 16:00	1.00	ABANDP	53		P		backfilled