

**US ROCKIES REGION**  
**Operation Summary Report**

Well: **DAVIS 13-15**

Spud date: 10/23/2003

Project: COLORADO-WELD-NAD83-UTM13

Site: DAVIS 13-15

Rig name no.: TR DENNER 3/3, CONCORD 4/4

Event: WELL WORK EXPENSE

Start date: 2/10/2016

End date: 3/8/2016

Active datum: RKB @4,806.99usft (above Mean Sea Level)

UWI: 0/3/N/67/W/15/0/SWSW/6/0/SI/-465/W/0/-500/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
2/10/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CT TO RIG JSA SAFETY MEETING
	7:00 - 8:30	1.50	WO/REP	35	A	P		MIRU SUMMIT SL FISHED TOOLS AT SN:7015' TAG FILL @ 7183' RDMO SL
	8:30 - 10:00	1.50	WO/REP	30	A	P		MIRU CONCORD # 4 RU PUMP & TANK
	10:00 - 10:45	0.75	WO/REP	30	E	P		TP:500,CP:500,SP:20 PSI & MAKING LITTLE BIT OF FLUID, BLEW DOWN WELL TO WORK TANK , CONTROLLED TBG/25BBL, CSG/50 BBL. FLARE UNIT COULD NOT MAKE IT DUE TO SHORT NOTICE.
	10:45 - 12:00	1.25	WO/REP	30	F	P		ND5KWH TBG HANGER WAS STUCKED ON WH, WORKED UP & DOWN & HAMMERED WH FOR OVER AN HOUR.
	12:00 - 12:30	0.50	WO/REP	30	F	P		NU 3K BOP RU WORK FLOOR
	12:30 - 14:30	2.00	WO/REP	31	I	P		RU HOLE SEEKERS EMI UNIT TOO H TALLY OUT 226 JTS=7024' 2 3/8 TBG ALL TBG TESTED GOOD RD EMI UNIT
	14:30 - 16:00	1.50	WO/REP	31	E	P		TIH CENTENNIAL TOOLS 4.5 <b>RBP SET IT @ 6800'</b> W/219 JTS
	16:00 - 17:00	1.00	WO/REP	31	H	P		CIRCULATED GAS OUT, CLEARED RED ZONE & <b>PRESSURE TESTED RBP &amp; CSG TO 1000 PSI FOR 15</b> <b>MINUTES WITH RIG PUMP GOOD TEST</b>
	17:00 - 17:30	0.50	WO/REP	31	I	P		TOOH 11 STDS DRAINED PUMP & LINES SWIS DFN
2/11/2016	17:30 - 18:30	1.00	WO/REP	30	G	P		CT TO THE YARD
	6:00 - 7:00	1.00	WO/REP	30	G	P		CT TO LOCATION JSA SAFETY MEETING
	7:00 - 7:30	0.50	WO/REP	30		P		TP:0,CP:0,SP:20 PSI+/- MAKING FLUID. <b>SPOT 2 SX</b> <b>OF SAND ON RBP</b> FLUSHED W/15 BBLS OF WATER
	7:30 - 9:00	1.50	WO/REP	31	I	P		TOOH 196 JTS 2 3/8 TBG LD RETRIEVING HEAD
	9:00 - 10:00	1.00	WO/REP	30	F	P		TIGHT BACK DRILL LINE, RD WORK FLOOR ND BOP & 5K WH
	10:00 - 11:00	1.00	WO/REP	30	F	P		UNLANDED 4.5 CSG @ 95K NU DUAL ENTRY FLANGES NU 3K BOP
	11:00 - 11:30	0.50	WO/REP	31	I	P		RU WORK FLOOR & 1.66 TBG TOOLS UNDO DRILL LINE TIGHT BACK
	11:30 - 12:15	0.75	WO/REP	31	I	P		TIH 25 JTS 1.66" TBG=817'
	12:15 - 12:45	0.50	WO/REP	31	H	P		CIRCULATED WELL GETTING CLEAN RETURNS
	12:45 - 13:00	0.25	WO/REP	31	I	P		TIH 6 MORE JTS TO 1010' TOTAL 31 JTS IN HOLE
2/12/2016	13:00 - 13:45	0.75	WO/REP	31	H	P		CIRCULATED WELL GETING DIRTY WATER ON RETURNS AND LOT OF FOAM NO GAS OR DRILLING MUD
	13:45 - 14:00	0.25	WO/REP	31	I	P		TIH 6 MORE JTS=1214' TOTAL 37 JTS 1.66" TBG IN HOLE
	14:00 - 16:30	2.50	WO/REP	31	I	P		CIRCULATED WELL GETING DIRTY WATER ON RETURNS AND LOT OF FOAM NO GAS OR DRILLING MUD
	16:30 - 17:00	0.50	WO/REP	31	I	P		TOOH LD 6 JTS EOT @ 1010' W/31 JTS IN HOLE DRAINED PUMP & LINES SWI SDFN
	17:00 - 18:00	1.00	WO/REP	31	I	P		CT TO THE YARD
	6:00 - 7:00	1.00	WO/REP	30	G	P		CT TO LOCATION JSA SAFETY MEETING

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:00 - 7:45	0.75	WO/REP	31	H	P		EOT @ 1012' 31 JTS IN HOLE 1.66" TP:40,SP:BLOW, CIRCULATED WELL 2 BPM @ 500 PSI GETTING CLEAN RETURNS
	7:45 - 8:00	0.25	WO/REP	31	I	P		TIH 6 MORE JTS 1.66" TBG TO PLACE EOT @ 1214' 37 JTS TOTAL IN THE HOLE
	8:00 - 11:30	3.50	WO/REP	31	H	P		CIRCULATED WELL @ 2 BPM @ 500 PSI GETTING CLEAN RETURNS NO GAS NO DRILLING MUD
	11:30 - 12:00	0.50	WO/REP	31	H	P		SPOT 30 BBLs OF 10 PPG MUD @ 1214' IN ANNULAR
	12:00 - 13:15	1.25	WO/REP	51	B	P		HELD SANJEL JSA SAFETY MEETING RU PRESSURE TESTED LINES TO 1500 PSI, PUMPED 5 BBL WATER, 20 BBL SMS, 5BBL WATER & 120 SX TYPE 3 CMT 14.8PPG, 1.33 CF/SK=28.4 BBL OF CMT @ 2 BPM @ 700 PSI DISPLACED 1 BBL WATER RD SANJEL
	13:15 - 14:00	0.75	WO/REP	31	I	P		TOOH LD 1.66" TBG TO 300' CIRCULATED WELL CLEAN LD REST OF TBG
	14:00 - 14:30	0.50	WO/REP	30	F	P		ND BOP & DUAL ENTRY FLANGES
	14:30 - 15:30	1.00	WO/REP	31	1	P		TIGHT BACK DRILL LINE PU CSG SPEAR RE-LANDED 4.5 CSG @ 80K ON SLIPS NU 5KWH AND 3K BOP RU WORK FLOOR, UNDO DRILL LINE TIGHT BACK, CHANGED TOOLS FOR 2 3/8 TBG, DRAINED PUMP & LINES SWI SDFN CT TO THE YARD
2/16/2016	15:30 - 16:30	1.00	WO/REP	30	G	P		CT TO LOCATION JSA SAFETY MEETING
	6:00 - 7:00	1.00	WO/REP	30	G	P		
	7:00 - 8:30	1.50	WO/REP	34	1	P		RU WARRIOR WL RUN CBL FROM 4000' TO SURFACE FOUND GOOD CMT FROM 1018' TO 446' RDWL
	8:30 - 10:00	1.50	WO/REP	31	I	P		TIH RETRIEVING HEAD & 219 JTS 2 3/8 TBG TAGGED SAND ON RBP @ 6800'
	10:00 - 11:00	1.00	WO/REP	31	H	P		CIRCULATED SAND OUT & RELEASED RBP @ 6800'
	11:00 - 12:30	1.50	WO/REP	31	D			TOOH SB 219 JTS 2 3/8 TBG LD RBP
	12:30 - 14:45	2.25	WO/REP	31	I	P		RU ANYTIME TESTER TIH TESTED TBG IN 6000 PSI, XN NIPPLE, NC & 226 JTS 2 3/8 TBG ALL TBG TESTED GOOD RD TESTER LANDED EOT @ 7038'KB
	14:45 - 15:30	0.75	WO/REP	30	F	P		RD WORK FLOOR ND BOP NU 5K SEABOARD WH TORQUE & PRESSURE TESTED WH TO 5000/15 MINUTES BY ANYTIME TESTER GOOD TEST RD TESTER
	15:30 - 16:30	1.00	WO/REP	30		P		RUN 1.90" TBG BROACH TO XN NIPPLE
	16:30 - 17:30	1.00	WO/REP	30	C	P		RD CONCORD #4 READY TO MOVE IN THE MORNING
	17:30 - 18:30	1.00	WO/REP	30	G	P		CT TO THE YARD
2/25/2016	9:00 - 10:00	1.00	MIRU	42	B	P		MIRU Denner 3
	10:00 - 11:00	1.00	WO/REP	42	B	P		broach
	11:00 - 17:00	6.00	WO/REP	42	B	P		swab
	17:00 - 18:00	1.00	WO/REP	42	B	P		SDFN
2/26/2016	6:00 - 7:00	1.00	WO/REP	42	B	P		CT
	7:00 - 10:30	3.50	WO/REP	42	B	P		swab
	10:30 - 11:30	1.00	RDMO	42	B	P		RDMO Denner 3
3/8/2016	13:00 - 13:00	0.00	PROD	50	A	P		RWTP up TBG after BRADENHEAD PREP (Iceman State 5-15HZ Pad) NB/CD
	13:00 - 13:00	0.00	PROD	52	D	P		1 PSI, NO FLUIDS NOTED