

US ROCKIES REGION
Operation Summary Report

Well: **BLUFFS WHITE W 5-1**

Spud date: 1/3/1993

Project: COLORADO-WELD-NAD83-UTM13

Site: RAINE 1-5 PAD

Rig name no.: ECWS 7/7

Event: ABANDONMENT

Start date: 2/18/2016

End date: 3/17/2016

Active datum: RKB @4,896.99usft (above Mean Sea Level)

UWI: 0/2/N/66/W/5/0/NENE/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
2/17/2016	11:00 - 12:00	1.00	ABANDP	53	B	P		TP850/CP850/SP0, MIRU FLARE EQUIP/PULL AUTOMATION
	12:00 - 17:00	5.00	ABANDP	53	B	P		BLOWDOWN CSG TO 100#, BLOWDOWN TBG TO 100#, PUMPED 55 BBLs DOWN CSG, BLOW 25 BBLs DOWN TBG, WELL ON VAC
	17:00 - 17:30	0.50	ABANDP	53	B	P		SWI, RDMO FLARE EQUIP
2/18/2016	6:00 - 11:00	5.00	ABANDP	30	A	P		MIRU. Had to do some dirt work to get beam flat. Rig out pump & lines. SCP = 0.
	11:00 - 12:00	1.00	ABANDP	30	E	P		Blew down well. Controlled well w/ 30 BBL water.
	12:00 - 13:00	1.00	ABANDP	30	F	P		NDWH. NUBOP. Function tested BOP.
	13:00 - 15:30	2.50	ABANDP	31	I	P		TOOH & SB 224 jt (7319') 2.063" 3.25# IJ J-55 WS.LD XN nipple & NC.
	15:30 - 16:30	1.00	ABANDP	30	G	P		SWI. Lock BOP. SDFN. Crew travel.
2/19/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed today's objectives. SCP = 0.
	7:00 - 10:30	3.50	ABANDP	31	I	P		TIH w/ 3.5" CSG scraper, 224 jt (7319') 2.063" 3.25# 10rd IJ J-55 WS. Hydrotested TBG to 3000 PSI into well. Worked scraper from 7319' to 7260'.
	10:30 - 12:30	2.00	ABANDP	31	I	P		TOOH & SB all WS. LD CSG scraper.
	12:30 - 13:30	1.00	ABANDP	30	G	P		SWI. Lock BOP. SDFN. Crew travel.
2/22/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed today's objectives.
	7:00 - 8:30	1.50	ABANDP	34	I	P		RU FMC. Set 3.5" CIBP at 7311'.
	8:30 - 11:00	2.50	ABANDP	31	I	P		TIH w/ 224 jt (7300') 2.063" 3.25# 10rd IJ J-55 WS. EOT = 7300'. THERMAL 35
	11:00 - 12:30	1.50	ABANDP	51	D	P		RU Sanjel. Established red zone. Pumped 20 sx Type 3 cement. Cannot load CSG due to open Sussex perms. No returns thru out job.
2/23/2016	12:30 - 14:00	1.50	ABANDP	31	I	P		TOOH & SB all WS.
	14:00 - 15:00	1.00	ABANDP	30	G	P		SWI. Lock BOP. SDFN. Crew travel.
	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed today's objectives. SCP = 0.
	7:00 - 9:00	2.00	ABANDP	31	I	P		TIH w/ 224 jt (7309') 2.063" 3.25# 10rd IJ J-55 WS. Did not tag.
	9:00 - 10:00	1.00	ABANDP	35	A	P		RU Core-Tech. RIH w/ 1 1/4" sinker bar. Stacked out at 4800'. Worked down to 4830'. POOH.
	10:00 - 11:00	1.00	ABANDP	31	H	P		Pumped down tbg. Established circ. Got 5 BBL wet cement back in returns.
	11:00 - 12:00	1.00	ABANDP	35	A	P		RIH w/ 1 1/4" sinked bat. Tagged CIBP at 7311'.
	12:00 - 12:30	0.50	ABANDP	31	I	P		TOOH & SB 20 jt (652') WS.
	12:30 - 13:00	0.50	ABANDP	31	H	P		Spotted 2 sx sand on CIBP.
	13:00 - 13:30	0.50	ABANDP	31	I	P		TOOH & SB 20 jt (652') WS. EOT = 6005'.
2/24/2016	13:30 - 14:30	1.00	ABANDP	30	G	P		SWI. Lock BOP. SDFN. Crew travel.
	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed today's objectives. SCP = 0.
	7:00 - 9:00	2.00	ABANDP	31	I	P		TIH w/ 223 jt (7270') 2.063" 3.25# 10rd IJ J-55 WS. EOT = 7270'.
	9:00 - 11:00	2.00	ABANDP	51	D	P		RU Sanjel. Broke circ. Pumped 25 sx Thermal 35 cement. Had good returns thru out job.

US ROCKIES REGION
Operation Summary Report

Well: BLUFFS WHITE W 5-1

Spud date: 1/3/1993

Project: COLORADO-WELD-NAD83-UTM13

Site: RAINE 1-5 PAD

Rig name no.: ECWS 7/7

Event: ABANDONMENT

Start date: 2/18/2016

End date: 3/17/2016

Active datum: RKB @4,896.99usft (above Mean Sea Level)

UWI: 0/2/N/66/W/5/0/NENE/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
2/25/2016	11:00 - 12:30	1.50	ABANDP	31	I	P		TOOH & SB all WS.
	12:30 - 13:30	1.00	ABANDP	30	G	P		SWI. Lock BOP. SDFN. Crew travel.
	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed todays objectives.
	7:00 - 8:30	1.50	ABANDP	31	I	P		TIH w/ 204 jt (6654') 2.063" 3.25# 10rd IJ J-55 WS. Tagged cement at 6654'.
	8:30 - 10:30	2.00	ABANDP	31	I	P		TOOH. LD all but 4540' (139 jt) of WS. SB 138 jt WS.
	10:30 - 11:30	1.00	ABANDP	34	I	P		RU FMC. Set 3.5" Thunderbird CICR at 4540'.
	11:30 - 12:30	1.00	ABANDP	31	I	P		TIH w/ 139 jt (4540') WS. Stung into CICR.
	12:30 - 14:00	1.50	ABANDP	51	D	P		RU Sanjel. Established inj rate (1 BPM @ 550 PSI). Pumped 4 BBL 0-1-0 cement CICR failed (started getting returns from csg). Reverse CIRC cement from tbq.
2/26/2016	14:00 - 14:30	0.50	ABANDP	31	H	P		
	14:30 - 15:30	1.00	ABANDP	31	I	P		TOOH & SB 112 jt (3653') WS. Left 28 jt (887') hanging in well. Rig broke down.
	15:30 - 16:30	1.00	ABANDP	30	G	P		SWI. Lock BOP. SDFN. Crew travel.
	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed todays objectives. SCP = 0.
	7:00 - 9:00	2.00	ABANDP	31	I	P		TIH w/ Thunderbird 2 7/8" junk mill, 143 jt 2.063" 3.25# 10rd IJ J-55 WS. Tagged CICR at 4540'.
	9:00 - 9:30	0.50	ABANDP	31	B	P		PU & rig out power swivel.
	9:30 - 14:30	5.00	ABANDP	44	B	P		Mill on CICR for 5 hr. Made 6". Getting pieces of CICR back in returns.
	14:30 - 16:00	1.50	ABANDP	31	I	P		TOOH & SB WS & LD mill. Mill was worn out.
2/29/2016	16:00 - 17:00	1.00	ABANDP	30	G	P		SWI. Lock BOP. SDFN. Crew travel.
	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed todays objectives. SCP = 0.
	7:00 - 8:30	1.50	ABANDP	31	I	P		TIH w/ 2 7/8" junk mill, 144 jt (4554') 2.063" 3.25# 10rd IJ J-55 WS.
	8:30 - 12:00	3.50	ABANDP	44	B	P		Mill out CICR & push to 4632' (19' below bottom Sussex perf).
	12:00 - 12:30	0.50	ABANDP	31	H	P		Circ clean.
	12:30 - 13:30	1.00	ABANDP	31	I	P		TOOH & LD mill.
	13:30 - 14:30	1.00	ABANDP	31	I	P		TIH w/ 3.5" PKR, 100 jt (3260') WS. Set PKR at 3260'. Test cag to 500 PSI.
	14:30 - 15:30	1.00	ABANDP	51	D	P		RU Sanjel. Tried to pump into Sussex. Pressured up to 2000 PSI very quickly. Bled off slowly. RD Sanjel.
3/1/2016	15:30 - 16:30	1.00	ABANDP	31	I	P		TOOH & LD PKR. SB WS.
	16:30 - 17:30	1.00	ABANDP	30	G	P		SDFN.
	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed todays objectives. SCP = 0.
	7:00 - 9:00	2.00	ABANDP	31	I	P		TIH w/ 144 jt (4700') 2.063 3.25# 10rd IJ J-55 WS. EOT = 4700'.
	9:00 - 10:30	1.50	ABANDP	51	D	P		RU Sanjel. Established red zone. Pumped 35 sx 0-1-0 cement. Had good returns thru out job.
	10:30 - 12:30	2.00	ABANDP	31	I	P		TOOH & SB all WS.
	12:30 - 13:30	1.00	ABANDP	30	G	P		SWI. Lock BOP. SDFN. Crew travel.
	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew tarvel. Start rig. Discussed todays objectives. SCP = 0.
3/2/2016	7:00 - 8:30	1.50	ABANDP	31	I	P		TIH w/ 104 jt (3392') 2.063"3.25# 10rd IJ J-55 WS. Tag cement at 3292'.
	8:30 - 10:30	2.00	ABANDP	31	I	P		TOOH. SB 40 jt (1320') WS. LD all rest of WS.
	10:30 - 11:30	1.00	ABANDP	35	G	P		RU FMC. Jet cut 3.5" csg at 1220'.

US ROCKIES REGION
Operation Summary Report

Well: BLUFFS WHITE W 5-1

Spud date: 1/3/1993

Project: COLORADO-WELD-NAD83-UTM13

Site: RAINE 1-5 PAD

Rig name no.: ECWS 7/7

Event: ABANDONMENT

Start date: 2/18/2016

End date: 3/17/2016

Active datum: RKB @4,896.99usft (above Mean Sea Level)

UWI: 0/2/N/66/W/5/0/NENE/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:30 - 14:30	3.00	ABANDP	31	H	P		Circ down csg up SC. Got mud & gas back in returns.
	14:30 - 15:30	1.00	ABANDP	30	G	P		SD due to high winds. SWI. Lock BOP. SDFN. Crew travel.
3/3/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed todays objectives. SCP = 0.
	7:00 - 8:30	1.50	ABANDP	30	F	P		NDBOP. Unland 3.5" csg. NUBOP.
	8:30 - 11:00	2.50	ABANDP	31	I	P		TOOH & LD 1220' (38 jt) 3.5" 9.3# csg.
	11:00 - 11:30	0.50	ABANDP	31	I	P		TIH w/ 41 jt (1320') 2.063" 3.25# 10rd IJ J-55 WS. EOT = 1320'.
	11:30 - 14:00	2.50	ABANDP	51	D	P		RU Sanjel. Established red zone. Pumped 10 BBL SAPP, 20 BBL spacer, 440 sx Type 3 cement. Had good returns thru out job.
	14:00 - 15:00	1.00	ABANDP	31	I	P		TOOH & LD 41 jt (1320') WS. Stopped & circ clean at 130'.
	15:00 - 16:00	1.00	ABANDP	30	G	P		SWI. Lock BOP. SDFN. Crew travel.
3/4/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		Crew travel. Start rig. Discussed todays objectives. SCP = 0.
	7:00 - 7:30	0.50	ABANDP	31	I	P		TIH w/ 5 jt (150') 2.063" 3.25# 10rd IJ J-55 WS. Tag cement at 150'. TOOH & LD all WS.
	7:30 - 8:00	0.50	ABANDP	30	F	P		NDBOP
	8:00 - 9:00	1.00	ABANDP	34	I	P		RU FMC. Set 8.63" CIBP at 80'.
	9:00 - 11:00	2.00	ABANDP	30	A	P		RDMO.
3/17/2016	11:00 - 12:00	1.00	ABANDP	52	I	P		PSI test surface casing, CIBP to 500 psi, good test
	12:00 - 13:00	1.00	ABANDP	53	B	P		dug up surface casing
	13:00 - 14:00	1.00	ABANDP	53	C	P		cut casing 6' below GL, tagged @ 80'
	14:00 - 15:00	1.00	ABANDP	53	B	P		filled casing stub with 41 bags 5000 psi cement
	15:00 - 16:00	1.00	ABANDP	53	A	P		capped casing with a metal plate containing well info
	16:00 - 17:00	1.00	ABANDP	53	B	P		backfilled
	15:30 - 15:30	0.00	ABANDP	50		P		P&A'd OFFLINE. CD/SX