

# Oxy Operations Summary

Well:	HSR-KNOX 4-3			Spud Date:	3/21/1996 12:00:00 AM
Project:	COLORADO-WELD-NAD83-UTM13			Site:	HSR-KNOX 4-3
Event:	ABANDONMENT			Rig Name:	BRIGADE 3
Start Date:	3/13/23			End Date:	7/6/23
Datum:	RKB @ 4832			Well UWI:	0512319090
Report Date	Time From	Time To	Duration (hr)	Operation	
2/27/23	8:00	9:00	1	FORM 17 TEST AND SAMPLE COLLECTED, SC PRODUCED 1/2 GAL OF WATER, SC START 12 PSI AND SC END WHISPER.	
2/27/23	9:00	11:00	2	Fill out JSA, Tailgate safety meeting, SITP 725 SICP 725 NO FLUID LEVEL DETECTED. RIHW/ 2" JU/JD fish plunger @ 7092, RIHW/ 2" JU/JD fish floater at 7093, Run blind box to tag at 7188, Rig down,	
3/2/23	7:00	10:00	3	LONE TREE SERVICES INSTALL A STRING FENCE, MOW AND LEVEL FOR RIG OPS.	
3/9/23	9:08	9:08	0	FORM 42: APPROVED START DATE: 3/13/2023; 7:30AM FORM 6: EXPIRES 8/13/2023 FORM 4: NOT REQUIRED FAA: PERMIT NOT REQUIRED BLM: NO FORM 17: COMPLETED SAMPLE: NOT REQUIRED	
3/13/23	12:00	12:30	0.50	MOVE RIG TO LOCATION	
3/13/23	12:30	13:00	0.50	LAY OUT CONTAINMENTS	
3/13/23	13:00	13:45	0.75	SPOT RIG AND EQUIPMENT	
3/13/23	13:45	14:25	0.67	LAY OUT SUCTION HOSES AND HARD LINES. CONNECT SAFETY HOBBLES, CONNECTIONS AND STRAPS	
3/13/23	14:25	14:35	0.17	NU 7"5K BOP ON TEST STUMP	
3/13/23	14:35	14:40	0.08	FUNCTION TEST BOP	
3/13/23	14:40	15:00	0.33	PSI TEST 7"5K BOP ON STUMP TESTING BOTH BLINDS AND 2.38" PIPE RAMS TO 250PSI AND 5000PSI FOR 15MIN EACH	
3/13/23	15:00	16:30	1.50	BEGIN WELL KILL WITH 30BBLS DOWN 2.38" TBG, 80BBLS DOWN 4.5" CSG AND ANOTHER 30BBLS DOWN 2.38" TBG USING 8.34# FRESH+ BIO	
3/13/23	16:30	17:00	0.50	PRESSURE TEST 2.38" PIPE RAMS/BOP ON WELL TO 250PSI AND 5000PSI FOR 15MIN EACH	
3/13/23	17:00	17:30	0.50	ATTEMPT TO UN-LAND 2.38" J55 TBG AND HANGER FROM WELL HEAD. UNABLE TO UN-LAND TBG	
3/13/23	17:30	18:00	0.50	SECURE WELL, DRAIN PUMP, SDFN	
3/13/23	18:00	19:00	1	CREW TRAVEL TO YARD	
3/14/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
3/14/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM WITH CREW	

Well:	HSR-KNOX 4-3			Spud Date:	3/21/1996 12:00:00 AM
Project:	COLORADO-WELD-NAD83-UTM13			Site:	HSR-KNOX 4-3
Event:	ABANDONMENT			Rig Name:	BRIGADE 3
Start Date:	3/13/23			End Date:	7/6/23
Datum:	RKB @ 4832			Well UWI:	0512319090
Report Date	Time From	Time To	Duration (hr)	Operation	
3/14/23	7:00	7:15	0.25	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 200 (PSI). TUBING: 0 (PSI). INTERMEDIATE CASING: ## (NA).	
3/14/23	7:15	7:45	0.50	KILL WELL WITH 55BBLs 8.34# FRESH+BIO DOWN 4.5" CSG, PRESSURED UP TO 1500PSI, PUMP 2BBLs 8.34# FRESH+BIO DOWN 2.38" TBG, TBG PRESSURED UP TO 1500PSI, KILL PUMP, WELL DEAD	
3/14/23	7:45	9:00	1.25	CHECK WELL HEAD PNS, WORK 2.38" J55 TBG TO UNLAND TBG HANGER. UNABLE TO PULL HANGER.	
3/14/23	9:00	9:20	0.33	SPOT TOOL TRUCK/PJSM WITH JACK OPERATOR AND RIG CREW	
3/14/23	9:20	9:30	0.17	RU JACK AND EQUIPMENT	
3/14/23	9:30	9:40	0.17	MU UN-LANDING SUB ASSEMBLY, USE JACK TO UNLAND TBG HANGER PUSHING TO 110K LBS	
3/14/23	9:40	9:55	0.25	RD TBG JACK EQUIPMENT, LOAD INTO TRUCK	
3/14/23	9:55	12:25	2.50	LD 2 JTS 2.38" J55 TBG, TOO H 126 JTS 2.38" J55 TBG, LD 102 JTS 2.38" J55 TBG	
3/14/23	12:25	12:40	0.25	SPOT WL TRUCKS, PJSM WITH WL/RIG CREW	
3/14/23	12:40	13:15	0.58	MIRU WL, T&T WL FLANGE TO 7"5K BOP	
3/14/23	13:15	14:00	0.75	MU 3.63" WL GR, RIH TO 6775', POOH, LD GR	
3/14/23	14:00	14:55	0.92	MU 3.5"OD CIBP, RIH, SET CIBP @ 6765', TAG CIBP, POOH, LD SETTING TOOL	
3/14/23	14:55	15:35	0.67	MU 3.5"OD DUMP BAILER, RIH, DUMP BAIL 2SX CMT ON CIBP, POOH, LD DUMP BAILER	
3/14/23	15:35	15:45	0.17	RD WIRELINE FOR NIGHT	
3/14/23	15:45	16:10	0.42	PRESSURE TEST DOWN: (PRODUCTION CASING). TEST INTERVAL BOTTOM: (CIBP) AT 6765 FT TEST INTERVAL TOP: (SURFACE) AT 0 FT PRESSURE TEST TO: 500 PSI FOR 15 MINUTES. TEST RESULTS: (PASS)	
3/14/23	16:10	16:30	0.33	SECURE WELL, DRAIN PUMP, SDFN	
3/14/23	16:30	17:30	1	CREW TRAVEL TO YARD	
3/15/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
3/15/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM	
3/15/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 2 PSI. PRODUCTION CASING: 270 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
3/15/23	7:10	7:25	0.25	PJSM WITH RIG/WL CREW	
3/15/23	7:25	7:35	0.17	RU WL	

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Report Date	Time From	Time To	Duration (hr)	Operation	
3/15/23	7:35	9:40	2.08	MU 2.75" OD WL CBL LOG, RIH, LOG FROM 6500' TO SURFACE, POOH, LD LOGGING TOOL	
3/15/23	9:40	10:25	0.75	MU 3.13"OD 4SPF TANDEM BH PERF GUN, RIH, PERF 4.5" CSG @ 4320' AND 3850', FERIFY PERFS WITH CCL, POOH, LD PERF GUN	
3/15/23	10:25	10:50	0.42	RDMO WL, NU 7"3K WASHINGTON HEAD, PREP TO TIH	
3/15/23	10:50	12:25	1.58	MU 3.75"OD TENSION PKR, TIH W/126 JTS 2.38" J55 TBG, PU 2 JTS 2.38" J5 TBG, SET 4.5" TENSION PKR @ 3920' W/128 JTS 2.38" J55 TBG  BHA INFO: D&L TOOLS 32A TENSION PKR 3.75" OD 2" ID 7.1' OAL RH SET/LH REL SET WITH 10K TENSION	
3/15/23	12:25	15:00	2.58	INSTALL 2.38"5K TIW, HOOK UP KELLY HOSE, BREAK CIRCULATION WITH 4BBLs. START PUMPING 1.5BPM @ 500PSI, SLOWLY INCREASE RATE. INCREASED RTE TO 2BPM @ 500PSI, INCREASE RATE TO 3.5BPM @ 1000PSI. SMALL AMOUNT OF GAS/SHALE IN RETURNS AND LIGHT MUD	
3/15/23	15:00	15:25	0.42	PUMP 40BBLs 160 HSF FOLLOWED BY 11BBLs RECYCLED FRESH+BIO. PUMP 3.5BPM @ 1000PSI. WATER/MUD MIXTURE IN RETURNS	
3/15/23	15:25	15:45	0.33	RELEASE PKR, TOO H 10 JTS TO 3605' W/118JTS IN WELL	
3/15/23	15:45	16:00	0.25	CIRCULATE DOWN 4.5" CSG/UP 2.38" TBG TO CLEAN PKR	
3/15/23	16:00	16:30	0.50	SECURE WELL, DRAIN PUMP, SDFN	
3/15/23	16:30	17:30	1	CREW TRAVEL TO YARD	
3/16/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
3/16/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM	
3/16/23	7:00	7:15	0.25	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 100 (PSI). TUBING: 80 (PSI). INTERMEDIATE CASING: ## (NA).	
3/16/23	7:15	7:30	0.25	PKR LEFT IN WELL OVERNIGHT, TIH 10JTS 2.38" J55 TBG, SET PKR @ 3920' WITH 128 JTS 2.38" J55 TBG	
3/16/23	7:30	8:00	0.50	FLUSH HSF TO SURFACE. PUMP 3.5BPM @ 1000PSI, WATER IN RETURNS	
3/16/23	8:00	9:10	1.17	RELEASE PKR, TOO H 128 JTS 2.38" J55 TBG, POOH, LD PKR	

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3/16/23	9:10	11:00	1.83	MU 3.6"OD 10K CICR, TIH, INSTALL 2.38" WASHINGTON HEAD RUBBER, INSTALL 2.38"X5K TIW VALVE, SET CICR @ 3920' W/128 JT 2.38" J55 TBG, HOOK UP KELLY HOSE, PRESSURE TEST TBG TO 3000PSI FOR 5MIN, BLEED OFF PSI, STING OUT/STING IN VERIFY DEPTH.  BHA INFO: WCT 3.6" OD 1" ID 2' OAL PN: 45COR3 SN: 205-10	
3/16/23	11:00	11:55	0.92	STAND BY FOR CEMENTERS. CEMENT SCHEDULED FOR 12:00PM	
3/16/23	11:55	12:20	0.42	SPOT CMT TRUCKS, PJSM WITH CMT/RIG CREW	
3/16/23	12:20	12:30	0.17	RU NEXTIER CMT	
3/16/23	12:30	12:40	0.17	BEGIN CEMENT SETUP, BULK TRUCK BEGAN HAVING ISSUES WITH BELT/PULLEY SYSTEM ON AIR COMPRESSOR, STAND BY FOR CMT CREW TO WORK ON TRUCK	
3/16/23	12:40	13:40	1	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	
3/16/23	13:40	14:00	0.33	PUMP 165 SX, 15.8 PPG 1.17 CF/SX CLASS G CEMENT, (SUSX BLEND) BALANCE PLUG: (NO), TOC ##### FT, BOC ##### FT SQUEEZE: (YES), EQUIPMENT: (CICR) DEPTH: 3920 FT, BOTTOM (PERF): 4324 FT, TOP (PERF): 3850 FT, TOC IN CSG: 3662FT	
3/16/23	14:00	14:40	0.67	STING OUT OF CICR, VERIFY 0PSI, BREAK OFF CEMENTERS, HOOK CEMENTERS TO WASH UP TEE, WASH UP CMT, LD 31 JTS 2.38" J55 TBG	
3/16/23	14:40	15:00	0.33	KILL CMT TRUCK, VERIFY 0PSI, SWAP VALVES, RDMO CMT, REVERSE CIRC 25BBLS AT 2.5BPM @ 700PSI	
3/16/23	15:00	15:25	0.42	LD 27 JTS 2.38" J55 TBG	
3/16/23	15:25	16:00	0.58	TOOH 70 JTS 2.38" J55 TBG, LD MST	
3/16/23	16:00	16:30	0.50	SECURE WELL, DRAIN PUMP, SDFN	
3/16/23	16:30	17:30	1	CREW TRAVEL TO YARD	
3/17/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
3/17/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM W/CREW	
3/17/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
3/17/23	7:10	7:30	0.33	SPOT WL TRUCKS, PJSM WITH WL/RIG CREW	
3/17/23	7:30	7:45	0.25	ND 7"3K WASHINGTON HEAD, RU WL	

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3/17/23	7:45	8:55	1.17	MU 3.13" OD 4SPF BH PERF, RIH, PERF 4.5" L80 CSG @ 2801' - 2805', VERIFY PERFS WITH CCL, COME UP HOLE, PERF 4.5" CSG @ 2100' - 2104', VERIFY PERFS W/CCL, POOH, LD PERF GUN	
3/17/23	8:55	9:10	0.25	RDMO WL, NU 7"3K WASHINGTON HEAD	
3/17/23	9:10	10:10	1	MU 4.5" TENSION PKR, TIH W/70 JTS 2.38" J55 TBG, INSTALL 2.38" WASHINGTON HEAD RUBBER, INSTALL 2.38"X5K TIW VALVE, SET PKR @ 2160' W/70 JTS 2.38" J55 TBG, HOOK UP KELLY HOSE  BHA INFO:	
3/17/23	10:10	12:00	1.83	BEGIN CIRCULATION, BEGINNING PUMP RATE OF 2BPM @ 200PSI, BROKE CIRCULATION WITH 1BBL, CIRC 14MIN AT 2BPM TO CLEAR PERFS, SLOWLY INCREASE RATE TO 2.5BPM THEN 3.5BPM @ 500PSI. WATER, LIGHT MUD, SHALE, AND SMALL AMOUNT OF GAS IN RETURNS. PUMP 50BBLS HSF FOLLOWED BY 5BBLS RECYCLED FRESH+BIO	
3/17/23	12:00	12:30	0.50	KILL PUMP, VERIFY 0PSI, BREAK OFF KELLY HOSE, PULL 2.38"X5K TIW, RELEASE PKR, TOOH 70 JTS 2.38" J55 TBG, LD PKR	
3/17/23	12:30	13:00	0.50	MU 4.5" CICR, TIH, INSTALL 2.38" WASHINGTON HEAD RUBBER, INSTALL 2.38"X5K TIW, SET CICR @ 2160' W/70 JTS 2.38" J55 TBG, HOOK UP KELLY HOSE  BHA INFO: WCT OD: 3.6" ID:1" OAL: 1.8' 25052-10 45CRO3 C189 11/22/22	
3/17/23	13:00	13:30	0.50	FLUSH OUT HSF, SPOT CMT TRUCKS WHILE TOOH	
3/17/23	13:30	13:40	0.17	PJSM WITH CMT/RIG CREW	
3/17/23	13:40	14:00	0.33	RU CMT	
3/17/23	14:00	14:35	0.58	STAND BY FOR WATER. WATER SCHEDULED FOR 130PM	
3/17/23	14:35	14:45	0.17	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	
3/17/23	14:45	15:10	0.42	PUMP 230 SX, 15.8 PPG 1.2 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (NO), TOC ##### FT, BOC ##### FT SQUEEZE: (YES), EQUIPMENT: (CICR) DEPTH: 2160 FT, BOTTOM (PERF): 2805 FT, TOP (PERF): 2100 FT, TOC IN CSG: 1966FT	
3/17/23	15:10	15:30	0.33	STING OUT OF CICR, VERIFY 0PSI, BREAK OFF CEMENTERS, HOOK CEMENTERS TO WASH TEE, WASH UP CMT, LD 12 JTS 2.38" J55 TBG	

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3/17/23	15:30	15:50	0.33	KILL PUMP TRUCK, SWAP VALVE, RDMO CMT, FORWARD CIRC 30BBLS, UNABLE TO REV CIRC	
3/17/23	15:50	16:10	0.33	LD 28 JTS 2.38" J55 TBG	
3/17/23	16:10	16:40	0.50	TOOH 30 JTS 2.38" J55 TBG, LD MST	
3/17/23	16:40	17:00	0.33	SECURE WELL, DRAIN PUMP, SDFN	
3/17/23	17:00	18:00	1	CREW TRAVEL TO YARD	
3/20/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
3/20/23	6:30	7:00	0.50	CREW DRESS OUT, START/WARM EQUIPMENT, PJSM	
3/20/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
3/20/23	7:10	7:20	0.17	SPOT WL TRUCKS, PJSM WITH WL/RIG CREW	
3/20/23	7:10	7:10	0	2800' PLUG PUMPED AT 1435PM 3/17/2. WOC OVERNIGHT. CHECKED PRESSURES AT 0710 AM ON 3/20/23. PRESSURE WAS SUSTAINED.	
3/20/23	7:20	7:30	0.17	ND 7"3K WASHINGTON HEAD, RU WL	
3/20/23	7:30	8:10	0.67	MU 3.13" OD 4SPF BH PERF GUN, RIH, TAG TOC @ 1795', PERF 4.5"L80 CSG@ 1700' - 1704', PERF 4.5" CSG @ 900' - 904', VERIFY PERFS WITH CCL, POOH, LD PERF GUN	
3/20/23	8:10	8:30	0.33	RDMO WL	
3/20/23	8:30	8:50	0.33	MU 4.5" TENSION PKR, TIH WO 30 JTS 2.38" J55 TBG, PU JT 31, SET PKR @ 960' W/31 JTS 2.38" J55 TBG  BHA INFO:	
3/20/23	8:50	13:00	4.17	FORWARD CIRC PERFS PUMPING DOWN 2.38" J55 TBG, THROUGH PERFS, UP 4.5" L80 CSG. BEGIN SLOW PUMP RATE OF 2BPM @ 500PSI, AFTER PRESSURES DROPPED AND CLEARED PERFS WITH FRESH WATER, SLOWLY INCREAS RATE TO 3BPM @ 250PSI. CAUGHT CIRCULATION WITHIN 2 BBLS. HEAVY MUD, SHALE AND WATER IN RETURNS	
3/20/23	13:00	13:30	0.50	KILL PUMP, HOOK UP SUCTION HOSE TO WATER TRUCK, PUMP 65BBLS 160DEG HSF, FOLLOW HSF WITH 3BBLS RECYCLED FRESH+ BIO	
3/20/23	13:30	13:45	0.25	KILL PUMP, VERIFY 0PSI, OPEN UNLOADER, BREAK OF KELLY HOSE, RELEASE PKR, LD 1 JT 2.38" J55 TBG, TOOH 8JTS 2.38" J55 TBG	
3/20/23	13:45	14:00	0.25	FORWARD CIRCULATE CLEARING PKR OF DEBRIS/MUD	
3/20/23	14:00	14:30	0.50	TOOH 22JTS 2.38" J55 TBG, LD PKR	
3/20/23	14:30	15:00	0.50	SECURE WELL, DRAIN PUMP, SDFN	
3/20/23	15:00	16:00	1	CREW TRAVEL TO LOCATION	
3/21/23	6:30	7:30	1	CREW TRAVEL TO LOCATION	
3/21/23	7:30	8:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM	

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3/21/23	8:00	8:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
3/21/23	8:10	8:10	0	NO MITIGATION PRIOR TO SHOE PLUG - 16HR OVERNIGHT BUILDUP CONDUCTED. NEXT MORNING, ALL VALVES SHOWED 0PSI WITH NO LELS OR SIGNS OF GAS MIGRATION	
3/21/23	8:10	8:45	0.58	MU 4.5" PKR, TIH, SET PKR @ 960' W/31 JTS 2.38" J55 TBG	
3/21/23	8:45	9:00	0.25	FORWARD CIRC PERFS PUMPING DOWN 2.38" J55 TBG, THROUGH PERFS, UP 4.5" L80 CSG. FLUSHING HSF FROM WELL	
3/21/23	9:00	9:35	0.58	KILL PUMP, VERIFY 0PSI, BREAK OFF KELLY HOSE, RELEASE PKR, TOO, LD PKR	
3/21/23	9:35	10:10	0.58	MU 4.5" CICR, TIH, SET CICR @ 960' W/31 JTS 2.38" J55 TBG  BHA INFO: WCT OD: 3.6" ID:1" OAL: 1.8' 25052-10 45CRO3 C189 11/22/22	
3/21/23	10:10	10:30	0.33	HOOK UP KELLY HOSE, FORWARD CIRC TO VERIFY CIRCULATION THROUGH CICR, KILL PUMP	
3/21/23	10:30	11:10	0.67	STAND BY FOR SERVICE PROVIDER, CMT SCHEDULED FOR 1130AM. CREW WAS ABLE TO GET AN EARLY START DUE TO OXY SAFETY MEETING FINISHING EARLY	
3/21/23	11:10	11:40	0.50	SPOT CEMENT TRUCKS, PJSM WITH CMT/RIG CREW	
3/21/23	11:40	11:55	0.25	RU CEMENTERS	
3/21/23	11:55	12:05	0.17	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	
3/21/23	12:05	12:35	0.50	PUMP 260 SX, 15.8 PPG 1.2 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (NO), TOC ##### FT, BOC ##### FT SQUEEZE: (YES), EQUIPMENT: (CICR) DEPTH: 960 FT, BOTTOM (PERF): 1704 FT, TOP (PERF): 900 FT, TOC IN CSG: 766FT	
3/21/23	12:35	12:50	0.25	STING OUT OF CICR, VERIFY 0PSI, PREAK OFF CEMENTERS, HOOK CEMENTERS TO WASH UP TEE, SWAP VALVES, WASH UP CEMENTERS, LD 9 JTS 2.38" J55 TBG	
3/21/23	12:50	13:15	0.42	SWAP VALVES, RDMO CMT, HOOK UP KELLY HOSE, REVERSE CIRC CLEAN PUMPING 20BBLS FRESH+ BIO	



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3/21/23	13:15	13:50	0.58	KILL PUMP, VERIFY 0PSI, BREAK OFF KELLY HOSE, TOO H 22 JTS 2.38" J55 TBG, LD MST	
3/21/23	13:50	15:00	1.17	SECURE WELL, WASH CMT TANK, DRAIN PUMP, SWAP HAMMER UNIONS, SDFN	
3/21/23	15:00	16:00	1	CREW TRAVEL TO YARD	
3/22/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
3/22/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM WITH CREW	
3/22/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
3/22/23	7:10	7:35	0.42	MU 4.5" CSG CUTTER, TIH, TAG TOC @ 692' W/22 JTS 2.38" J55 TBG, LD 1 JT 2.38" J55 TBG, PU 16'X2.38" J55 PUP JTS BHA INFO: LOGAN INTERNAL CUTTER OD:3.3" ID:N/A OAL:2.5	
3/22/23	7:35	7:55	0.33	RU POWER SWIVEL	
3/22/23	7:55	8:00	0.08	CUT 4.5" L80 CSG @ 680' W/21 JTS AND 16' 2.38" J55 TBG	
3/22/23	8:00	8:10	0.17	RD POWER SWIVEL	
3/22/23	8:10	8:30	0.33	LD 16' PUP JTS, LD 1 JT, TOO H 20 JTS 2.38" J55 TBG, LD CUTTER	
3/22/23	8:30	8:40	0.17	RD RIG FLOOR	
3/22/23	8:40	8:55	0.25	ND 7"5K BOP, BREAK WELL HEAD	
3/22/23	8:55	9:05	0.17	BREAK SURFACE HEAD CAP, PULL PLATES/PACKING, PU 4.5"CSG SPEAR W/3.947" GRAPPLE, RIH, UN-LAND 4.5" CSG, PULL SLIPS	
3/22/23	9:05	10:10	1.08	MU SURFACE HEAD FLANGE, STRIP ON 9"3K BOP, NU BOP TO SURFACE HEAD	
3/22/23	10:10	10:30	0.33	RU RIG FLOOR	
3/22/23	10:30	11:00	0.50	PUMP 50BBLS 160DEG HSF FOLLOWED BY 6BBLS FRESH+ BIO	
3/22/23	11:00	11:20	0.33	SPOT CASING EQUIPMENT, LD EQUIPMENT	
3/22/23	11:20	12:20	1	LD 680' OF 4.5" L80 CSG, 15JTS AND 12' PARTIAL	
3/22/23	12:20	12:50	0.50	MU 2.38"X4' DIVERTER SUB, TIH WITH 21 JTS 2.38" J55 TBG AND 14' 2.38"J55 PUP JTS	
3/22/23	12:50	13:05	0.25	FLUSH OUT HSF FROM WELL, SPOT CEMENT TRUCKS WHILE PUMPING	
3/22/23	13:05	13:15	0.17	PJSM WITH CMT/RIG CREW	
3/22/23	13:15	13:25	0.17	RU CEMENTERS	



Well:	HSR-KNOX 4-3			Spud Date:	3/21/1996 12:00:00 AM
Project:	COLORADO-WELD-NAD83-UTM13			Site:	HSR-KNOX 4-3
Event:	ABANDONMENT			Rig Name:	BRIGADE 3
Start Date:	3/13/23			End Date:	7/6/23
Datum:	RKB @ 4832			Well UWI:	0512319090
Report Date	Time From	Time To	Duration (hr)	Operation	
3/22/23	13:25	13:35	0.17	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	
3/22/23	13:35	13:50	0.25	PUMP 110 SX, 15.8 PPG 1.20 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 420 FT, BOC 680 FT SQUEEZE: (NO), EQUIPMENT: (CICR/PACKER/NONE) DEPTH: ##### FT, BOTTOM (PERF/CSG CUT/OH ): ##### FT, TOP (PERF/NA): ##### FT, TOC IN CSG: #####FT	
3/22/23	13:50	14:15	0.42	KILL PUMP TRUCK, VERIFY 0PSI, BREAK OFF CEMENTERS, HOOK CEMENTERS TO WASH UP TEE, SWAP VALVES, WASH UP CMT, LD 14'X2.38" J55 PUP JTS, LD 12 JTS 2.38" J55 TBG, INSTALL 2.38"X5K TIW AND KELLY HOSE	
3/22/23	14:15	14:35	0.33	KILL PUMP TRUCK, SWAP VALVES, BEGIN CIRCULATING 35BBLs FRESH+BIO, RDMO CMT	
3/22/23	14:35	15:00	0.42	KILL RIG PUMP, VERIFY 0PSI, BREAK OFF KELLY HOSE, REMOVE TIW VALVE, LD 1 JT 2.38" J55 TBG, TOO H 8 JTS 2.38" J55 TBG, LD DIVERTER SUB	
3/22/23	15:00	15:30	0.50	SECURE WELL, WASH CMT TANK, DRAIN PUMP, SDFN	
3/22/23	15:30	16:30	1	CREW TRAVEL TO YARD	
3/23/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
3/23/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM	
3/23/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: ## (NA). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
3/23/23	7:10	7:50	0.67	MU 8.63" CASING SCRAPER W/7.87" CONE BIT, RIH, TAG TOC @ 339' W/11 JTS 2.38" J55 TBG, LD 3 JTS 2.38" J55 TBG, TOO H 8 JTS 2.38" J55 TBG, POOH, LD SCRAPER	
3/23/23	7:50	7:50	0	SC SHOE PLUG PUMPED AT 1335PM ON 3/22/23. WOC OVERNIGHT (16HRS) AND TAGGED TOC AT 750AM ON 3/23/23. TAGGED AT 339' WITH 11 JTS TBG	
3/23/23	7:50	8:10	0.33	PRESSURE TEST DOWN: (SURFACE CASING). TEST INTERVAL BOTTOM: (CEMENT TOP) AT 339 FT TEST INTERVAL TOP: (SURFACE) AT 0 FT PRESSURE TEST TO: 500 PSI FOR 15 MINUTES. TEST RESULTS: (PASS)	
3/23/23	8:10	8:30	0.33	STAND BY FOR WL. WL SCHEDULED FOR 830AM	
3/23/23	8:30	8:50	0.33	SPOT WL TRUCKS, PJSM WITH CREW	
3/23/23	8:50	9:00	0.17	RU WL	
3/23/23	9:00	9:40	0.67	MU 8.63" 8K WL CIBP, RIH, SET CIBP @ 260', VERIFY CIBP SET BY TAG, POOH, LD SETTING TOOL	
3/23/23	9:40	10:00	0.33	RDMO WL	
3/23/23	10:00	10:20	0.33	MU 4'X2.38" DIVERTER SUB, TIH TO 260' W/8JTS 2.38" J55 TBG	

Well:	HSR-KNOX 4-3			Spud Date:	3/21/1996 12:00:00 AM
Project:	COLORADO-WELD-NAD83-UTM13			Site:	HSR-KNOX 4-3
Event:	ABANDONMENT			Rig Name:	BRIGADE 3
Start Date:	3/13/23			End Date:	7/6/23
Datum:	RKB @ 4832			Well UWI:	0512319090
Report Date	Time From	Time To	Duration (hr)	Operation	
3/23/23	10:20	11:00	0.67	FLUSH FLUID FROM WELL WITH RIG AIR	
3/23/23	11:00	11:20	0.33	SPOT CMT TRUCKS, PJSM WITH RIG CREW/CMT CREW	
3/23/23	11:20	11:30	0.17	RU CMT	
3/23/23	11:30	11:40	0.17	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	
3/23/23	11:40	11:55	0.25	PUMP 80 SX, 15.8 PPG 1.21 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 5 FT, BOC 260 FT SQUEEZE: (NO), EQUIPMENT: (CICR/PACKER/NONE) DEPTH: ##### FT, BOTTOM (PERF/CSG CUT/OH ): ##### FT, TOP (PERF/NA): ##### FT, TOC IN CSG: #####FT	
3/23/23	11:55	12:05	0.17	KILL PUMP TRUCK, VERIFY 0PSI, BREAK OFF CEMENTERS, LD 8 JTS 2.38" J55 TBG, LD DIVERter SUB, RIH WITH 10'X2.38" J55 PUP JT, HOOK UP CEMENTERS	
3/23/23	12:05	12:15	0.17	WASH UP AND CIRCULATE @ 5' WITH CEMENTERS	
3/23/23	12:15	12:30	0.25	RDMO CMT	
3/23/23	12:30	12:50	0.33	RD WORK FLOOR	
3/23/23	12:50	13:20	0.50	ND 9"BOPE	
3/23/23	13:20	14:20	1	RD WO RIG	
3/23/23	14:20	15:20	1	PU HARD LINES AND PREP FOR RIG MOVE	
3/23/23	15:20	16:00	0.67	INSPECTION OF RIG/DERRICK	
3/23/23	16:00	17:00	1	CREW TRAVEL TO YARD	
3/23/23	17:00	17:00	0	EACH PLUG PUMPED WAS AT LEAST 100' LONG	
3/23/23	17:00	17:00	0	MEASURES TAKEN TO CONTROL ALL VENTING AND EMISSIONS THROUGHOUT P&A. USED BULLHEAD METHOD TO KILL WELL. FLUID LEVEL MAINTAINED THROUGHOUT OPERATIONS	
3/23/23	17:00	17:00	0	INFORMATION SIGNS POSTED IN REQUESTED AREAS THROUGHOUT P&A OPERATIONS	
7/6/23	8:00	9:00	1	DUG UP SURFACE CASING	
7/6/23	9:00	10:00	1	CUT CASING 6' BELOW GL, CEMENT AT SURFACE	
7/6/23	10:00	11:00	1	CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO	
7/6/23	11:00	12:00	1	BACKFILLED	
7/6/23	12:00	12:00	0	PLACED MARKER BALL	