

Oxy Operations Summary

Well:	STATE 23			Spud Date:	3/14/1973 12:00:00 AM
Project:	COLORADO-WELD-NAD83-UTM13			Site:	STATE 23
Event:	ABANDONMENT			Rig Name:	BRIGADE 3
Start Date:	4/20/23			End Date:	6/26/23
Datum:	RKB @ 4828			Well UWI:	0512307670
Report Date	Time From	Time To	Duration (hr)	Operation	
1/23/23	12:00	15:00	3	SWABPRO SITP 1100 SICP 1100 FL NOT DETECTED RIHW/ 2" JUC FISH PLUNGER @ 7112' RIHW/ 2" JUC FISH FLOATER @ 7113' RIHW/ 1.65" BB TAG @ 7275' RDMO	
3/24/23	11:00	12:00	1	FORM 17 TEST NO FLUIDS, SC START 0 PSI.	
4/17/23	10:31	10:31	0	FORM 42: APPROVED START DATE: 4/19/2023; 3:00PM FORM 6: EXPIRES 8/23/2023 FORM 4: NOT REQUIRED FAA: PERMIT APPROVED BLM: NO FORM 17: COMPLETED SAMPLE: NOT REQUIRED	
4/17/23	14:00	17:00	3	LONE TREE SERVICES INSTALL A HOT WIRE FENCE. MOW AND LEVEL AS NEEDED FOR RIG OPS.	
4/20/23	5:30	6:30	1	CREW TRAVEL TO MEGAN H 16-2 LOCATION	
4/20/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM WITH CREW, HOOK UP CREW TRAILER	
4/20/23	7:00	7:20	0.33	ROAD RIG TO STATE 23 LOCATION	
4/20/23	7:20	7:30	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 1100 (PSI). TUBING: 1100 (PSI). INTERMEDIATE CASING: ## (NA).	
4/20/23	7:30	7:50	0.33	STAND BY FOR TITAN CONTAINMENTS. SERVICES SCHEDULED FOR 730AM.	
4/20/23	7:50	8:00	0.17	UNLOAD AND LAY OUT CONTAINMENTS	
4/20/23	8:00	8:15	0.25	SPOT BASE BEAM AND RIG	
4/20/23	8:15	8:45	0.50	RU BRIGADE 3, CONTINUE SPOTTING ACCUMULATOR, TANKS AND PUMP	
4/20/23	8:45	9:25	0.67	NU 7"5K BOP ON TEST STUMP, HOOK UP ACCUMULATOR HOSES, SWAP RAM RUBBERS, FUNCTION TEST BOP, START LAYING HARD LINES AND SUCTION HOSES	
4/20/23	9:25	10:10	0.75	CONTINUE LAY OUT HARD LINES, SUCTION HOSES, AND GROUNDING CABLES, HOOK UP HARD LINES AND SUCTION HOSES TO PUMP, TANK RIG AND WELL	
4/20/23	10:10	11:00	0.83	SPOT T&T TRUCKS, SET UP TESTING EQUIPMENT, BEGIN TESTING BOP ON TEST STUMP. PSI TEST BLIND RAMS TO 250PSI AND 5000PSI FOR 15 MIN EACH. INSTALL 2.38" TEST SUB, PSI TEST 2.38" PIPE RAMS TO 250PSI AND 5000PSI FOR 15MIN EACH.	

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Datum:	RKB @ 4828			Well UWI:	0512307670
Report Date	Time From	Time To	Duration (hr)	Operation	
4/20/23	11:00	13:15	2.25	PUMP 28BBLS 8.34# FRESH+BIO DOWN 2.38" TBG, PUMP 68BBLS 8.34# FRESH+BIO DOWN 4.5" CSG, REVERSE CIRC WELL. PUMPING @ 2.5BPM @ 700PSI. USED BBLS WHILE CIRC. WATER AND GAS IN RETURNS.	
4/20/23	13:15	13:25	0.17	ND 2.38" TREE AND MASTER VALVE, BREAK WELL HEAD CAP	
4/20/23	13:25	13:35	0.17	MU 7"5K LARKIN FLANGE, NU 7"5K BOP	
4/20/23	13:35	13:45	0.17	RU RIG FLOOR, SET STAIRS AND INSTALL GUARD RAILS	
4/20/23	13:45	14:00	0.25	PRESSURE TEST 2.38" PIPE RAMS ON WELL. PSI TEST TO 250PSI AND 3000PSI FOR 15 MIN EACH, CONTINU RU FLOOR, TONGS AND SETTING UP FLOOR FOR WORK.	
4/20/23	14:00	14:10	0.17	UNLAND 2.38" J55 TBG AND HANGER FROM WELL HEAD, REMOVE HANGER AND INSTALL 2.38" EUE COLLAR	
4/20/23	14:10	14:20	0.17	PICK UP 6 JTS 2.38" J55 TBG, RIH, TAG SAND PLUG @ 7275' W/232 JTS 2.38" J55 TBG, SWAP HANDLING EQUIPMENT	
4/20/23	14:20	14:30	0.17	LD 6 JTS 2.38" J55 TBG	
4/20/23	14:30	15:30	1	TOOH 150 JTS 2.38" J55 TBG, PUMP 45BBLS 8.34# FRESH+BIO DISPLACEMENT WHILE TOOH	
4/20/23	15:30	16:00	0.50	SECURE WELL, DRAIN PUMP, SDFN	
4/20/23	16:00	17:00	1	DRESS OUT, CREW TRAVEL TO YARD	
4/21/23	6:30	7:30	1	CREW TRAVEL TO LOCATION	
4/21/23	7:30	8:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM	
4/21/23	8:00	8:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 20 (PSI). TUBING: 20 (PSI). INTERMEDIATE CASING: ## (NA).	
4/21/23	8:10	9:10	1	REVERSE CIRC WELL USING 65BBLS 8.34# FRESH+BIO, PUMP AT 2.5BPM @ 200PSI, WATER AND SMALL AMOUNT OF GAS IN RETURNS	
4/21/23	9:10	10:10	1	TOOH 66 JTS 2.38" J55 TBG, LD 1 JT 2.38" J55 TBG, LD SN/NC	
4/21/23	10:10	10:20	0.17	ND 7"3K WASHINGTON HEAD	
4/21/23	10:20	10:30	0.17	PJSM WITH WL/RIG CREW	
4/21/23	10:30	10:50	0.33	SPOT WL TRUCKS, MIRU WL, PU 7"5K WL FLANGE/BOP, PU WL SHEEVE, PU WL LUBRICATOR	
4/21/23	10:50	11:40	0.83	MU 3.625" GR, RIH TO 7260', POOH, LD GR	

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Report Date	Time From	Time To	Duration (hr)	Operation	
4/21/23	11:40	12:35	0.92	MU 3.5"OD 10K WL CIBP AND SETTING TOOL, RIH, SET @ 7248', VERIFY CIBP SET WITH TAG, POOH, LD SETTING TOOL BHA INFO: ALPHA 3.5" OD 14.5" OAL 10K PSI RATING SN: 22-2783	
4/21/23	12:35	13:25	0.83	MU 3"ODX40' DUMP BAILER, MIX AND FILL 2SX CMT, RIH, DB 2SX CMT ON CIBP @ 7248', POOH, LD DUMP BAILER	
4/21/23	13:25	14:20	0.92	MU 3.5"OD 10K WL CIBP AND SETTING TOOL, RIH SET CIBP @ 6818', VERIFY SET WITH TAG, POOH, LD SETTING TOOL, BEGIN LOADING THE WELL WITH 8.34# FRESH+ BIO AFTER PLUG IS SET	
4/21/23	14:20	15:10	0.83	PRESSURE TEST DOWN: (PRODUCTION CASING). TEST INTERVAL BOTTOM: (CIBP) AT 6818 FT TEST INTERVAL TOP: (SURFACE) AT 0 FT PRESSURE TEST TO: 500 PSI FOR 15 MINUTES. TEST RESULTS: (PASS)	
4/21/23	15:10	15:35	0.42	BLEED OFF PSI, OPEN WELL, MU 3.13"OD 4SPF DP PERF GUN, RIH, PERF 4.5" CSG @ 4226'-4230', VERIFY PERFS W/CCL, POOH, LD PERF GUN	
4/21/23	15:35	15:45	0.17	RDMO WL, NU 7"3K WASHINGTON HEAD	
4/21/23	15:45	17:25	1.67	MU 2.38"X4' DIVERTER SUB, TIH W/216 JTS 2.38" J55 TBG, TALLY IN, LD 2 JTS 2.38" J55 TBG LEAVING 214 JTS IN THE WELL.	
4/21/23	17:25	18:00	0.58	SECURE WELL, DRAIN PUMP, SDFN	
4/21/23	18:00	19:00	1	DRESS OUT, CREW TRAVEL TO YARD	
4/24/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
4/24/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM	
4/24/23	7:00	7:15	0.25	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 10 (PSI). TUBING: 10 (PSI). INTERMEDIATE CASING: ## (NA).	
4/24/23	7:15	7:25	0.17	PU 3 JTS 2.38" J55 TBG, TAG CIBP @6818', LD 1 JT 2.38" J55 TBG, INSTALL 2.38"5K TIW, HOOK UP KELLY HOSE	
4/24/23	7:25	7:45	0.33	REV CIRC WELL @ 3BPM @ 300PSI, WATER AND SMALL AMOUNT OF GAS IN RETURNS. USED 10BBLs 8.34# FRESH+ BIO	
4/24/23	7:45	8:05	0.33	SPOT CEMENT TRUCKS, PJSM WITH CMT/RIG CREW	
4/24/23	8:05	8:35	0.50	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	

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4/24/23	8:35	8:55	0.33	PUMP 35 SX, 15.8 PPG 1.52 CF/SX CLASS G CEMENT, (NIO BLEND) BALANCE PLUG: (YES), TOC 6205 FT, BOC 6818 FT SQUEEZE: (NO), EQUIPMENT: (CICR/PACKER/NONE) DEPTH: ##### FT, BOTTOM (PERF/CSG CUT/OH): ##### FT, TOP (PERF/NA): ##### FT, TOC IN CSG: #####FT	
4/24/23	8:55	9:15	0.33	VERIFY 0PSI, BREAK OFF CMT, HOOK CMT TO WASH UP TEE, SWAP VALVES, WASH UP CMT, LD 29 JTS 2.38" J55 TBG, INSTALL 2.38"5K TIW AND KELLY HOSE	
4/24/23	9:15	9:40	0.42	KILL PUMP TRUCK, VERIFY 0PSI, SWAP VALVES, RDMO CMT, REVERSE CIRC 50BBLS 8.34# FRESH+BIO	
4/24/23	9:40	10:40	1	KILL PUMP, VERIFY 0PSI, REMOVE KELLY HOSE AND 2.38"5K TIW, LD 55 JTS 2.38" J55 TBG	
4/24/23	10:40	11:15	0.58	TOOH 132 JTS 2.38" J55 TBG, LD DIVERter SUB	
4/24/23	11:15	12:15	1	MU 4.5" CICR AND MST, TIH 132 JTS 2.38" J55 TBG, INSTALL 2.38" WASHINGTON HEAD RUBBER, SET CICR @ 4196' W/132 JTS 2.38" J55 TBG BHA INFO: WCT 3.5"OD 1"ID 1.7'OAL 10K PSI RATING SN: C1 PN:43CR03	
4/24/23	12:15	13:15	1	PRIOR TO SHEERING OFF CICR, MADE 2 ATTEMPTS TO PSI TEST TBG. BOTH TESTS FAILED. BLEED OFF PSI, CONTACT OFFICE, OFFICE DECIDED TO LD STRING AND PU WORK STRING. STING OUT OF CICR, PULL WASHINGTON HEAD RUBBER, 2.38"5K TIW AND KELLY HOSE	
4/24/23	13:15	15:25	2.17	LD 132 JTS 2.38" J55 TBG, LD MST	
4/24/23	15:25	16:00	0.58	SECURE WELL, DRAIN PUMP, SDFN	
4/24/23	16:00	17:00	1	DRESS OUT, CREW TRAVEL TO YARD	
4/25/23	5:30	6:30	1	RIG CREW TRAVEL TO LOCATION	
4/25/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM WITH RIG CREW	
4/25/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
4/25/23	7:10	7:20	0.17	STAND BY FOR TBG TO BE DELIVERED	
4/25/23	7:20	7:50	0.50	SWAP TBG TRAILERS AROUND ON LOCATION	
4/25/23	7:50	10:20	2.50	PU MST, PU TBG, RIH, TALLY IN, INSTALL 2.38" WASHINGTON HEAD RUBBER, STING INTO CICR @ 4196' W 134 JTS 2.38" J55 TBG	

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4/25/23	10:20	10:30	0.17	PERFORM INJECTION TEST (WITH CICR).	
4/25/23	10:30	10:50	0.33	SPOT CEMENT AND WATER TRUCKS	
4/25/23	10:50	11:00	0.17	PJSM WITH CMT/RIG CREW	
4/25/23	11:00	11:15	0.25	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	
4/25/23	11:15	11:45	0.50	PUMP 100 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: 4196 FT, BOTTOM (PERF): 4230 FT, TOP (PERF): 4226 FT, TOC IN CSG: 4131FT	
4/25/23	11:45	12:00	0.25	STING OUT OF CICR, VERIFY 0PSI, SWAP VALVES, BREAK OFF CEMENTERS, HOOK CEMENTERS TO WASH UP TEE, SWAP VALVES, WASH UP CMT, LD 14 JTS 2.38" J55 TBG, INSTALL 2.38"5K TIW AND KELLY HOSE	
4/25/23	12:00	12:20	0.33	KILL PUMP TRUCK, VERIFY 0PSI, SWAP VALVES, RDMO CMT, REVERSE CIRC 35BBLS 8.3# FRESH+ BIO, KILL PUMP, VERIFY 0PSI	
4/25/23	12:20	12:40	0.33	STAND BY FOR WEATHER, LIGHTNING WITHIN 1MI	
4/25/23	12:40	13:30	0.83	REMOVE KELLY HOSE, REMOVE 2.38"5K TIW, REMOVE 2.38" WASHINGTON HEAD RUBBER, LD 82 JTS 2.38" J55 TBG	
4/25/23	13:30	13:45	0.25	TOOH 38 JTS 2.38" J55 TBG, LD MST	
4/25/23	13:45	14:00	0.25	SPOT WL TRUCKS, PJSM WITH WL/RIG CREW	
4/25/23	14:00	14:20	0.33	ND 7"3K WASHINGTON HEAD, PU WL FLANGE AND BOP, PU WL SHEEVES, PU WL LUBRICATOR	
4/25/23	14:20	15:00	0.67	MU 3.13"OD 4SPF BH PERF GUN, RIH, PERF 4.5" CSG @ 2798' - 2802', VERIFY PERFS WITH CCL, POOH, LD PERF GUN, DRAIN PUMP WHILE RUNNING WL	
4/25/23	15:00	15:10	0.17	RDMO WL	
4/25/23	15:10	15:30	0.33	SECURE WELL, SDFN	
4/25/23	15:30	16:30	1	DRESS OUT, CREW TRAVEL TO YARD	
4/26/23	7:00	7:30	0.50	CREW TRAVEL TO LOCATION	
4/26/23	7:30	8:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM WITH CREW	
4/26/23	8:00	8:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
4/26/23	8:10	13:30	5.33	WORK CIRCULATION DIRECTIONS UNTIL CIRCULATION DOWN 4.5" CSG/UP 8.63" SUR IS ACHIEVED, CIRC/CONDITION WELL. BEGIN CIRCULATION AT 1.3BPM @ 400PSI, AS WELL CLEANED UP AND PRESSURE DROPPED, INCREASE RATE TO 3.2BPM @ 300PSI. HEAVY MUD, GAS, SHALE, AND WATER IN RETUNS.	

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4/26/23	13:30	13:45	0.25	KILL PUMP, HOOK UP WATER TRUCK TO SUCTION LINE TO PUMP, PUMP 55BBLS 160DEG HSF FOLLOWED BY 33BBLS RECYCLED FRESH+ BIO, KILL PUMP AND OPEN WELL TO TANK, VERIFY 0PSI	
4/26/23	13:45	14:45	1	PERFORM HSF SOAK. CEMENTERS INFORMED ME OF PREVIOUS CEMENT JOB RUNNING BEHIND AS WELL AS PUMP TRUCK BEING STUCK IN SAND ON LOCATION. DUE TO AVAILABILITY, POSTPONED CEMENT JOB UNIL MORNING.	
4/26/23	14:45	16:00	1.25	WASH CMT TANK, PERFORM ACCUMULATOR DRAWDOWN TEST, DRAIN PUMP, SECURE WELL, SDFN	
4/26/23	16:00	17:00	1	DRESS OUT, CREW TRAVEL TO YARD	
4/27/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
4/27/23	6:30	7:00	0.50	DRES OUT, START/WARM EQUIPMENT, PJSM	
4/27/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
4/27/23	7:10	7:50	0.67	HOOK UP HARD LINES, PRIME PUMP, FORWARD CIRCULATE WELL PUMPING DOWN 4.5" CSG/UP 8.63" SUR, PUMPING 3BPM @ 300PSI, WATER, SMALL AMOUNT OF GAS AND HSF IN RETURN	
4/27/23	7:50	8:10	0.33	SPOT CEMENT TRUCKS, PJSM WITH CMT CREW/RIG CREW	
4/27/23	8:10	8:35	0.42	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	
4/27/23	8:35	9:10	0.58	PUMP 220 SX, 15.8 PPG 1.2 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (NO), TOC ##### FT, BOC ##### FT SQUEEZE: (YES), EQUIPMENT: (NONE) DEPTH: 0 FT, BOTTOM (PERF): 2802 FT, TOP (PERF): 2798 FT, TOC IN CSG: 2100FT	
4/27/23	9:10	9:40	0.50	SWAP VALVES, WASH UP CEMENT TRUCK TO TANK	
4/27/23	9:40	10:05	0.42	RDMO CMT	
4/27/23	10:05	10:30	0.42	SECURE WELL	
4/27/23	10:30	11:00	0.50	WATER TRUCK FULL OF USED WATER AND NEEDING TO UNLOAD, STAND BY FOR WATER TRUCK TO RETURN, PICK UP LOCATION, DRAIN PUMP	
4/27/23	11:00	11:30	0.50	SPOT WATER TRUCK, BOTTOM OUT CEMENT TANK, CLEAN CMT TANK, SDFN/OXY BBQ	
4/27/23	11:30	12:30	1	RIG CREW TRAVEL TO BBQ/YARD	
4/28/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
4/28/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM	

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4/28/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 100 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
4/28/23	7:10	7:50	0.67	SPOT WL EQUIPMENT, PJSM WITH RIG/WL CREW	
4/28/23	7:50	8:00	0.17	RU 7"5K WL FLANGE/BOP, PU WL SHEEVES, RU WL LUBRICATOR	
4/28/23	8:00	8:35	0.58	MU 3.13"OD 4SPF BH PERF GUN, RIH, TAG TOC @ 1950', PERF 4.5" CSG @ 1800' - 1804', VERIFY PERFS W/CCL, POOH, LD PERF GUN	
4/28/23	8:35	8:45	0.17	RDMO WL, NU 7"3K WASHINGTON HEAD	
4/28/23	8:45	10:55	2.17	FORWARD CIRC WELL, USED 2BBLS 8.34#FRESH+ BIO TO BREAK CIRCULATION, PUMP AT 2.5BPM W/100PSI, SMALL AMOUNT OF GAS AND WATER IN RETURNS, AFTER 2 HOLE VOLUMES, PUMP 100BBLS HSF FOLLOWED BY 28BBLS RECYCLED FRESH+ BIO	
4/28/23	10:55	13:10	2.25	OPEN WELL TO TANK, VENT WELL, SOAK HSF FOR 2HRS	
4/28/23	13:10	13:50	0.67	FORWARD CIRC WELL, 2.5BPM @ 100PSI, WATER/HSF IN RETURNS	
4/28/23	13:50	15:15	1.42	MU SN, RIH WITH 58 JTS 2.38"J55 TBG, INSTALL 2.38"5K TIW AND SWAB TEE, LOWER PROCESS DUE TO SORTING THROUGH GOOD USABLE PIPE	
4/28/23	15:15	16:55	1.67	MU SWAB TOOLS, PU SWAB/LUBRICATOR, BEGIN SWABBING TBG/WELL, SWAB 35BBLS FROM WELL, RD SWAB EQUIPMENT	
4/28/23	16:55	17:20	0.42	REMOVE 2.38"5K TIW, LD 58 JTS 2.38" J55 TBG, LD SN, DRAIN PUMP WHILE TOO	
4/28/23	17:20	17:30	0.17	SECURE WELL, SDFN	
4/28/23	17:30	18:30	1	CREW TRAVEL TO YARD	
5/1/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
5/1/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM WITH CREW	
5/1/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
5/1/23	7:10	7:10	0	WELL SHUT IN AT 530PM ON 4/28/23. 14HOUR BUILD UP TEST. NO SIGNS OF MIGRATION AT 710AM 5/1/23	
5/1/23	7:10	9:15	2.08	FORWARD CIRC WELL DOWN 4.5" CSG/UP 8.63" SUR, WATER IN RETURNS, 40BBLS USED TO BREAK CIRCULATION. FILL WELL TO ENSURE WELL IS BALANCED WHILE PUMPING CMT.	
5/1/23	9:15	10:00	0.75	STAND BY FOR CEMENT. SWAP VALVES AND RETURN LINE IN PREPARATION FOR CEMENT	
5/1/23	10:00	10:10	0.17	PJSM WITH CMT/RIG CREW	
5/1/23	10:10	10:45	0.58	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	

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Report Date	Time From	Time To	Duration (hr)	Operation	
5/1/23	10:45	11:15	0.50	PUMP 220 SX, 15.8 PPG 1.2 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (NO), TOC ##### FT, BOC ##### FT SQUEEZE: (YES), EQUIPMENT: (NONE) DEPTH: ##### FT, BOTTOM (PERF): 1804 FT, TOP (PERF): 1800 FT, TOC IN CSG: 1100FT	
5/1/23	11:15	11:35	0.33	SWAP VALVES, VERIFY 0PSI, WASH UP CMT TRURCK TO TANK	
5/1/23	11:35	11:50	0.25	VERIFY 0PSI, SWAP VALVES, RDMO CMT	
5/1/23	11:50	13:00	1.17	SECURE WELL, WASH CMT TANK, DRAIN PUMP, SDFN	
5/1/23	13:00	14:00	1	DRESS OUT, CREW TRAVEL TO YARD	
5/2/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
5/2/23	6:30	7:00	0.50	DRESS OUT, START/WARM UP EQUIPMENT, PJSM	
5/2/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
5/2/23	7:10	8:00	0.83	MU SN/NC, TIH W/37 JTS 2.38" J55 TBG, TAG TOC @ 1163', TOO H 18 JTS 2.38" J55 TBG, LD 20 JTS 2.38" J55 TBG, LD SN/NC	
5/2/23	8:00	8:10	0.17	MU 4.5" CSG CUTTER, TIH W/19 JTS 2.38" J55 TBG	
5/2/23	8:10	8:30	0.33	SWAP HANDLING EQUIPMENT AND RU POWER SWIVEL	
5/2/23	8:30	8:35	0.08	CUT 4.5" CSG @ 610' W/19 JTS 2.38" J55 TBG BHA INFO: LOGAN MECH CUTTER 6.3' OAL 3.38" OD 1" ID	
5/2/23	8:35	8:50	0.25	RD POWER SWIVEL, SWAP HANDLING EQUIPMENT	
5/2/23	8:50	9:05	0.25	TOOH 18 JTS 2.38" J55 TBG, LD 1 JTS 2.38" J55 TBG	
5/2/23	9:05	9:15	0.17	RD TONGS, RD WO RIG FLOOR	
5/2/23	9:15	9:25	0.17	ND 7"5K BOP AND PLACE ON BEAM	
5/2/23	9:25	9:35	0.17	BREAK OFF 7"5K WELL HEAD, BREAK SURFACE HEAD CAP, INSTALL/RUN 4.5" CSG SPEAR W/3.947" GRAPPLE, UNLAND 4.5" CSG	
5/2/23	9:35	10:00	0.42	PU 9"3K BOP FROM ACCUMULATOR, FUNCTION TEST BOP, INSTALL 11"3K FLANGE, 9"3KX11"3K XO SPOOL AND 9"3K BOP	
5/2/23	10:00	10:20	0.33	RU RIG FLOOR, TONGS, SWAP HANDLING EQUIPMENT AND PREPARE FOR LD 4.5" CSG	
5/2/23	10:20	11:10	0.83	STAND BY FOR CTS PIPE WRANGLER. WRANGLER SCHEDULED FOR 1100AM	

Well:	STATE 23			Spud Date:	3/14/1973 12:00:00 AM
Project:	COLORADO-WELD-NAD83-UTM13			Site:	STATE 23
Event:	ABANDONMENT			Rig Name:	BRIGADE 3
Start Date:	4/20/23			End Date:	6/26/23
Datum:	RKB @ 4828			Well UWI:	0512307670
Report Date	Time From	Time To	Duration (hr)	Operation	
5/2/23	11:10	11:45	0.58	SPOT LD EQUIPMENT/WRANGLER, LD 18 JTS/610' 4.5" CSG, SWAP HANDLING EQUIPMENT/PIPE RAMS	
5/2/23	11:45	12:10	0.42	MU 4'X2.38" J55 DIVERter SUB, TIH 18 JTS 2.38" J55 TBG, PU 1 JTS 2.38" J55 TBG PLACING EOT~610', INSTALL 2.38"5K TIW AND KELLY HOSE	
5/2/23	12:10	12:30	0.33	FORWARD CIRC WELL PUMPING DOWN 2.38" J55 TBG/UP 8.63" SUR. USED BBLS TO LOAD WELL, PUMP @ 2.5BPM @ 100PSI, WATER IN RETURNS	
5/2/23	12:30	13:30	1	STAND BY FOR CMT. CMT SCHEDULED FOR 1330PM	
5/2/23	13:30	13:50	0.33	SPOT CMT TRUCKS, PJSM WITH CMT/RIG CREW	
5/2/23	13:50	14:00	0.17	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	
5/2/23	14:00	14:15	0.25	PUMP 115 SX, 15.8 PPG 1.2 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 350 FT, BOC 610 FT SQUEEZE: (NO), EQUIPMENT: (CICR/PACKER/NONE) DEPTH: ##### FT, BOTTOM (PERF/CSG CUT/OH): ##### FT, TOP (PERF/NA): ##### FT, TOC IN CSG: #####FT	
5/2/23	14:15	14:30	0.25	KILL PUMP TRUCK, VERIFY 0PSI, BREAK OFF CEMENTERS, HOOK CEMENTERS TO WASH UP TEE, SWAP VALVES, WASH UP CEMENTERS, REMOVE 2.38"5K TIW, LD 11 JTS 2.38" J55 TBG, INSTALL 2.38"5K TIW, INSTALL KELLY HOSE	
5/2/23	14:30	14:45	0.25	KILL PUMP TRUCK, VERIFY 0PSI, SWAP VALVES, RDMO CMT, FORWARD CIRC WELL DOWN 2.38" J55 TBG/UP 8.63" SUR, CIRCULATED 35BBLS 8.3# FRESH +BIO AT 2.5BPM @ 100PSI, WATER AND SMALL AMOUNT OF CEMENT IN RETURNS, KILL RIG PUMP, REMOVE KELLY HOSE, REMOVE 2.38"5K TIW	
5/2/23	14:45	15:00	0.25	TOOH 8 JTS 2.38" J55 TBG, LD DIVERter SUB	
5/2/23	15:00	15:30	0.50	SECURE WELL, WASH CMT TANK, DRAIN PUMP, SDFN	
5/2/23	15:30	16:30	1	DRESS OUT, CREW TRAVEL TO YARD	
5/3/23	5:30	6:30	1	CREW TRAVEL TO BRIGADE YARD	
5/3/23	6:30	7:15	0.75	OXY SAFETY STAND-DOWN AT BRIGADE YARD	
5/3/23	7:15	7:30	0.25	CREW TRAVEL TO LOCATION	
5/3/23	7:30	8:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM	
5/3/23	8:00	8:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: ## (NA). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
5/3/23	8:10	8:45	0.58	STAND BY FOR CTS TOOLS. TOOLS ORDERED FOR 8:00AM	
5/3/23	8:45	9:10	0.42	MU 8.63" SCRAPER AND 7.875"OD CONE BIT, TIH W/8 JTS 2.38" J55 TBG, PU 6 JTS 2.38" J55 TBG, TAG TOC @ 425' W/14 JTS 2.38" J55 TBG, TOOH 8 JTS 2.38" J55 TBG, LD 6 JTS 2.38" J55 TBG,LD 8.63" SCRAPER	

Well:	STATE 23			Spud Date:	3/14/1973 12:00:00 AM
Project:	COLORADO-WELD-NAD83-UTM13			Site:	STATE 23
Event:	ABANDONMENT			Rig Name:	BRIGADE 3
Start Date:	4/20/23			End Date:	6/26/23
Datum:	RKB @ 4828			Well UWI:	0512307670
Report Date	Time From	Time To	Duration (hr)	Operation	
5/3/23	9:10	9:10	0	SC SHOE PLUG PUMPED AT 1415PM ON 5/2/23. WOC OVERNIGHT (17HRS) AND TAGGED TOC AT 910AM ON 5/3/23. TAGGED AT 425' WITH 14 JTS TBG. PLAN TO ADD CMT ON TOP OF PLUG	
5/3/23	9:10	9:45	0.58	MU 4'X2.38" DIVERTER SUB, TIH W/13 JTS 2.38" J55 TBG, PU 10'X2.38" PUP JT PLACING EOT ~ 425', INSTALL 2.38"5K TIW	
5/3/23	9:45	9:55	0.17	SPOT CEMENT TRUCKS, LAY OUT LINES WHILE WAITING ON WATER	
5/3/23	9:55	10:15	0.33	STAND BY FOR WATER, WATER SCHEDULED FOR 1100AM BUT WAS NEEDED EARLIER DUE TO CHANGES IN OPS	
5/3/23	10:15	10:25	0.17	PJSM WITH CMT/RIG CREW	
5/3/23	10:25	10:30	0.08	SPOT WATER TRUCK, RU CMT	
5/3/23	10:30	10:40	0.17	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (NEXTIER).	
5/3/23	10:40	10:50	0.17	PUMP 30 SX, 15.8 PPG 1.21 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 323 FT, BOC 425 FT SQUEEZE: (NO), EQUIPMENT: (CICR/PACKER/NONE) DEPTH: ##### FT, BOTTOM (PERF/CSG CUT/OH): ##### FT, TOP (PERF/NA): ##### FT, TOC IN CSG: #####FT	
5/3/23	10:50	11:00	0.17	KILL PUMP TRUCK, VERIFY 0PSI, BREAK OFF CEMENTERS, HOOK CEMENTERS TO WASH UP TEE, SWAP VALVES, WASH UP CMT, REMOVE TIW, LD 10'X2.38" PUP JT, LD 5 JTS 2.38" TBG, INSTALL 2.38"5K TIW, INSTALL KELLY HOSE	
5/3/23	11:00	11:10	0.17	KILL PUMP TRUCK, VERIFY 0PSI, SWAP VALVES, RDMO CMT, FORWARD CIRC 30BBLS 8.3# FRESH+ BIO, KILL RIG PUMP, VERIFY 0PSI, REMOVE KELLY HOSE, REMOVE 2.38"5K TIW	
5/3/23	11:10	11:30	0.33	LD 10'X2.38" PUP JT, TOO H 8 JTS 2.38" J55 TBG, LD DIVERTER SUB	
5/3/23	11:30	12:30	1	SECURE WELL, WASH CMT TANK, DRAIN PUMP, SDFN	
5/3/23	12:30	13:30	1	CREW TRAVEL TO YARD	
5/4/23	5:30	6:30	1	CREW TRAVEL TO LOCATION	
5/4/23	6:30	7:00	0.50	DRESS OUT, START/WARM EQUIPMENT, PJSM WITH CREW	
5/4/23	7:00	7:10	0.17	CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: ## (NA). TUBING: ## (NA). INTERMEDIATE CASING: ## (NA).	
5/4/23	7:10	7:40	0.50	MU 4'X2.38" J55 DIVERTER SUB, TIH W/11 JTS 2.38" J55 TBG, TAG TOC @ 330', LD 3 JTS 2.38" J55 TBG, TOO H 8 JTS 2.38" J55 TBG, LD DIVERTER SUB	
5/4/23	7:40	8:00	0.33	PRESSURE TEST DOWN: (SURFACE CASING). TEST INTERVAL BOTTOM: (CEMENT TOP) AT 330 FT TEST INTERVAL TOP: (SURFACE) AT 0 FT PRESSURE TEST TO: 500 PSI FOR 15 MINUTES. TEST RESULTS: (PASS)	

Well:	STATE 23			Spud Date:	3/14/1973 12:00:00 AM
Project:	COLORADO-WELD-NAD83-UTM13			Site:	STATE 23
Event:	ABANDONMENT			Rig Name:	BRIGADE 3
Start Date:	4/20/23			End Date:	6/26/23
Datum:	RKB @ 4828			Well UWI:	0512307670
Report Date	Time From	Time To	Duration (hr)	Operation	
5/4/23	7:40	7:40	0	SC SHOE PLUG PUMPED AT 1050AM ON 5/3/23. WOC OVERNIGHT (16HRS) AND TAGGED TOC AT 740AM ON 5/4/23. TAGGED AT 330' WITH 11 JTS TBG	
5/4/23	8:00	8:20	0.33	BLEED OFF WELL, VERIFY 0PSI, STAND BY FOR WL, WL SCHEDULED FOR 830AM	
5/4/23	8:20	8:40	0.33	SPOT WL TRUCKS, PJSM WITH WL/RIG CREW	
5/4/23	8:40	8:50	0.17	MIRU WL	
5/4/23	8:50	9:05	0.25	MU 6.96" OD 8K CIBP AND SETTING TOOL, RIH, SET CIBP @ 260', VERIFY SET WITH TAG, POOH, LD SETTING TOOL BHA IFNO: SILVER FOX 6.96"OD 19.25" OAL 8K PSI RATING SN: W220148 PN: 400-85025	
5/4/23	9:05	9:15	0.17	RDMO WL	
5/4/23	9:15	9:25	0.17	MU 4'X2.38" DIVERTER SUB, TIH W/8JTS 2.38" J55 TBG, EOT~ 260', INSTALL 2.38"5K TIW, INSTALL KELLY HOSE	
5/4/23	9:25	10:00	0.58	FLUSH FLUID FROM WELL WITH RIG AIR	
5/4/23	10:00	10:20	0.33	SPOT CMT TRUCKS, PJSM WITH CMT/RIG CREW	
5/4/23	10:20	10:30	0.17	LAY OUT CEMENT LINES, HOOK UP/RIG UP CEMENT	
5/4/23	10:30	10:40	0.17	MIRU CEMENTERS. HOLD JSA MEETING.CMT COMPANY: (SLB).	
5/4/23	10:40	10:55	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	
5/4/23	10:55	11:05	0.17	KILL PUMP TRUCK, VERIFY 0PSI, BREAK OFF CEMENTERS, REMOVE 2.38"5K TIW, LD 8 JTS 2.38" J55 TBG, LD 4'X2.38" DIVERTER SUB, PU/RIH 10'X2.38" PUP JT, INSTALL 2.38"5K TIW, HOOK UP CEMENTERS	
5/4/23	11:05	11:15	0.17	CIRCULATE/WASH UP WITH CEMENTERS @ 5' IN WELL	
5/4/23	11:15	11:25	0.17	KILL PUMP TRUCK, VERIFY 0PSI, RDMO CMT, REMOVE 2.38"5K TIW, REMOVE 10'X2.3" PUP JT	
5/4/23	11:25	11:45	0.33	RD TONGS AND WORK FLOOR	
5/4/23	11:45	12:30	0.75	ND 9"3K BOP, ROLL UP ACCUMULATOR HOSES, SET BOP ON ACCUMULATOR AND SPOT ON SIDE OF LOCATION	
5/4/23	12:30	13:30	1	RDMO WO RIG	
5/4/23	13:30	14:30	1	INSPECT DERRIK/RIG	

Well:	STATE 23			Spud Date:	3/14/1973 12:00:00 AM
Project:	COLORADO-WELD-NAD83-UTM13			Site:	STATE 23
Event:	ABANDONMENT			Rig Name:	BRIGADE 3
Start Date:	4/20/23			End Date:	6/26/23
Datum:	RKB @ 4828			Well UWI:	0512307670
Report Date	Time From	Time To	Duration (hr)	Operation	
5/4/23	14:30	15:00	0.50	BREAK HARD LINES, PU HARD LINES AND PLACE ON RACKS, PREP TANK/PUMP FOT TRANSPORT	
5/4/23	15:00	15:30	0.50	PU LOCATION AND CREW TRAILER AREA, PREP FOR RIG MOVE	
5/4/23	15:30	16:30	1	ROAD RIG TO CAMP H 30-29D AND SPOT EQUIPMENT	
5/4/23	16:30	17:30	1	DRESS OUT, CREW TRAVEL TO YARD	
5/4/23	17:30	17:30	0	P&A OPERATION TOOK PLACE OUTSIDE OF WINDOW OF CONCERN	
5/4/23	17:30	17:30	0	EACH PLUG PUMPED WAS AT LEAST 100' LONG	
5/4/23	17:30	17:30	0	MEASURES TAKEN TO CONTROL ALL VENTING AND EMISSIONS THROUGHOUT P&A. USED BULLHEAD METHOD TO KILL WELL. FLUID LEVEL MAINTAINED THROUGHOUT OPERATIONS	
5/4/23	17:30	17:30	0	INFORMATION SIGNS POSTED IN REQUESTED AREAS THROUGHOUT P&A OPERATIONS	
6/26/23	8:00	9:00	1	DUG UP SURFACE CASING	
6/26/23	9:00	10:00	1	CUT CASING 6' BELOW GL, CEMENT AT SURFACE	
6/26/23	10:00	11:00	1	CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO	
6/26/23	11:00	12:00	1	BACKFILLED	
6/26/23	12:00	12:00	0	PLACED MARKER BALL	