

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well Information

Well	FRANK 10-31		
Project	COLORADO-WELD-NAD83-UTM13	Site	FRANK 10-31
Rig Name/No.	RANGER 1512/	Event Name	ABANDONMENT
Start date	10/9/2018	End date	2/18/2022
Spud Date/Time	12/14/2006	Primary Location Desc.	0/4/N/67/W/31/0/SENW/6/0/S/1980.00396/E/0/18 80.00376/0/0
Active datum	4 14'KB @4,974.01ft (above Mean Sea Level)		
Afe No./Description	4000502057 / P&A -WELL SERVICES - FRANK 10-31		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Hrs (hr)	Op Phase	Op Code	Op Sub	Op Type	Op Top MD (ft)	Op Details
2/10/2022				ABANDT	COA				FORM 42 WAS SUBMITTED AT 05:50 A.M. ,THE TENTATIVE MIRU DATE FOR "FRANK 10-31" ,TO BEGIN T&A OPERATIONS IS "MONDAY,2/14/2022 @07:00 A.M.".PLEASE FILE THE FORM 42 AT YOUR EARLIEST CONVENIENCE. FORM WAS APPROVED 2/10/2022 @ 10:07 A.M.
	10:00	13:00	3.00	LOCPRP	Roustabout Services				LONE TREE SERVICES CLEAR SNOW, LEVEL FOR THE BASE BEAM AND INSTALL A STRING FENCE FOR RIG OPS.
2/11/2022	11:15	14:15	3.00	LOCPRP	Slickline	Other	P		RU EXCELLENCE LOGGING SITP 1500 SICP 1500 FL (NOT DETECTED) RIHW 2" JUC TO 7230' FISH BARSTOCK PLUNGER (NO FISH @ 7231' RIHW 1.75 LIB SHOWS STANDERD FISHNECK RIHW 2" JDC TO 7232' HIT DOWN TOOL DROPPED TO 7270') HUNG-UP COMING OUT OF HOLE FISHED PAD PLUNGER AND STANDING VALVE @ 7270' RIHW 1.5 BB TAG BOTTOM @ 7309' OOH RDMO SLICKLINE
2/14/2022	6:00	8:00	2.00	ABANDT	Rig	Travel Time	P		TRAVEL TO LOCATION
	8:00	9:00	1.00	ABANDT	Safety	Meeting/JSA	P		HELD BACK TO WORK MEETING, & JSA SAFETY MEETING, INTRODUCTION OF NEW HAND.
	9:30	17:30	8.00	ABANDT	Pulling Unit	Rig Up	P		CHECK PRESSURES, SITP-1,500 PSI., SICP-1,500 PSI., SISCP-50 PSI. MIRU RANGER 1512 & AUX EQUIP., SLOW GOING DUE TO MUD, WAITED ON DOZER TO GET RIG SPOTTED & TBG. FLOAT SPOTTED.,UNLOAD 160 BBLs. FRESH WATER TREATED W/ BIOCIDES.
	17:30	18:00	0.50	ABANDT	Shut-in Overnight		P		SECURE LOCATION, SDFN.
	18:00	18:30	0.50	ABANDT	Rig Crew	Travel Time	P		TRAVEL FROM LOCATION
2/15/2022	6:00	6:30	0.50	ABANDT	Rig	Travel Time	P		TRAVEL TO LOCATION
	6:30	7:00	0.50	ABANDT	Safety	Meeting/JSA	P		HELD BACK TO WORK MEETING, & JSA SAFETY MEETING, INTRODUCTION OF NEW HAND.
	7:00	9:00	2.00	ABANDT	Pulling Unit	Rig Up	P		CHECK PRESSURES, SITP-1,500 PSI., SICP-1,500 PSI., SISCP-50 PSI. MIRU FLARE EQUIP, RU PUMP LINES, ND SALES LINE.

2.1 Operation Summary (Continued)

Date	Time Start-End	Hrs (hr)	Op Phase	Op Code	Op Sub	Op Type	Op Top MD (ft)	Op Details
	9:00 16:30	7.50	ABANDT	Well Control	Kill Well	P		BLOW DOWN GAS THRU FLARE EQUIP. FB CSG. BROUGHT CASING PRESSURE DOWN TO 1,000 PSI., SHUT IN START FLOWING TUBING WHILE PUMPING 80 BBLs. FRESH WATER TREATED W/ BIOCIDES DOWN CSG. SHUT DOWN PUMP & CONT. FLOW TBG. STARTED TO GET FLUID BACK. & CASING STATIC. PUMPED 21 BBLs. DOWN TBG. PRESSURED UP TO 2500 PSI. SHUT IN CASING & BLED DOWN TBG. FROM 1000 PSI TO 300 PSI. GETTING LATE SO WE PUMPED TBG. VOL. OF 30 BBLs TBG. ON VACUUM. CASING 10 PSI. SHUT IN.
	16:30 17:00	0.50	ABANDT	BOPE	Nipple Up	P		ND PRODUCTION TREE, MAKE UP PUP JOINT W/ TIW VALVE INTO TBG. HANGER. NU 7 1/16" 5M DOUBLE GATE BLINDS ON BOTTOM 2.375" PIPE ON TOP, NU BIRD BATH, NU WASHINGTON HEAD. FUNCTION TEST RAMS.
	17:00 18:00	1.00	ABANDT	BOPE	Press ure Test	P		PRESSURE TEST BOPE AS FOLLOWS: WALKER TESTING FILLED STACK, CLOSE PIPE RAMS ON PUMP JT. (LOW TEST 250 PSI. 15 MIN GOOD) (HIGH TEST 5000 PSI 15 MIN GOOD) BLED OFF.
	18:00 18:30	0.50	ABANDT	Shut-in Overni ght		P		PLACE 5 GAL. DIESEL ON TOP OF HANGER TO SOAK OVERNIGHT. SECURE WELL & LOCATION, SDFN.
	18:30 19:00	0.50	ABANDT	Rig Crew	Travel Time	P		TRAVEL FROM LOCATION
2/16/2022	6:00 6:30	0.50	ABANDT	Rig	Travel Time	P		TRAVEL TO LOCATION
	6:30 7:00	0.50	ABANDT	Safety	Meetin g/JSA	P		JSA SAFETY MEETING,
	7:00 7:30	0.50	ABANDT	Pulling Unit	Rig Up	P		CHECK PRESSURES, SITP-0 PSI., SICP-900 PSI., SISCOP-0 PSI.
	7:30 8:30	1.00	ABANDT	Well Control	Kill Well	P		CASING BLED DOWN INSTANTLY, CIRCULATE 90 BBLs DOWN CSG. UP TBG. BOTH SIDES SLIGHT VACUUM.
	8:30 15:00	6.50	ABANDT	Tubing	Pull	P		HAD TROUBLE GETTING LOCK DOWN PINS BACKED OUT. PULL HANGER, LD 8 JTS. TOO H W/ TBG. FILL CSG WHILE PULLING PIPE.
	15:00 17:00	2.00	ABANDT	Wirelin e	Bridge Plug - Set	P		MIRU PIONEER WIRELINE HAD TO USE DOZER TO SPOT PIONEER GOOSENECK TRAILER. RIH W/ 3.95" GR,JB,CCL TO 7,300', RIH W/ 4.5" 10K CIBP & SET @ 7,250'.
	17:00 18:00	1.00	ABANDT	COA	Press ure Test	P		FILL CSG PRESSURE TEST TO 500 PSI. (REPAIR LEAK ON 2 LOCK DOWN PINS) PRESSURE BACK UP TO 500 PSI. & CHART TEST FOR 15 MIN W/ WALKER INSPECTION.
	18:00 18:30	0.50	ABANDT	Shut-in Overni ght		P		LD WIRELINE LUBRICATOR & TOP SHEEVE, SECURE WELL.DRAIN FLUID EQUIP.
	18:30 19:00	0.50	ABANDT	Rig Crew	Travel Time	P		TRAVEL FROM LOCATION
2/17/2022	6:00 6:30	0.50	ABANDT	Rig	Travel Time	P		TRAVEL TO LOCATION
	6:30 7:00	0.50	ABANDT	Safety	Meetin g/JSA	P		JSA SAFETY MEETING,
	7:00 8:30	1.50	ABANDT	Pulling Unit	Rig Up	P		CHECK PRESSURES, SITP-0 PSI., SICP-0 PSI., SISCOP-0 PSI. HAND ICE PLUG IN PUMP LINE HAD TO THAW
	8:30 13:30	5.00	ABANDT	Wirelin e	Bridge Plug - Set	P		RIG UP WIRELINE LUBE, RIH & SPOT 2 SXS CEMENT ON TOP OF PLUG @ 7250', RIH W/ 4.5" 10K CIBP & SET @ 6930', RIH & SPOT 2 SXS CEMENT ON PLUG @ 6930'. RDMO PIONEER WIRELINE
	13:30 14:30	1.00	ABANDT	Wellhe ad	Repair /Chan ge	P		CHANGE OUT ALL 6 LOCK DOWN PINS.
	14:30 16:30	2.00	ABANDT	Tubing	Run	P		TIH W/ 2.375" NOTCHED COLLAR, 2.375" XN NIPPLE, 219 JTS. OF 2.375" J55 TUBING EOT @ 6853'

2.1 Operation Summary (Continued)

Date	Time Start-End	Hrs (hr)	Op Phase	Op Code	Op Sub	Op Type	Op Top MD (ft)	Op Details
	16:30 17:30	1.00	ABANDT	Circulate	Packer Fluid	P		CIRCULATE 100 BBLS OF PACKER FLUID DOWN TUBING UP CSG. (BOTTOM TANKS OUT)
	17:30 18:30	1.00	ABANDT	Pulling Unit	Rig Down	P		LAND TUBING, RD TBG. EQUIP & WORK FLOOR, ND BOP, HAD WRONG CONFIGURATION FOR TREE.
	18:30 19:00	0.50	ABANDT	Shut-in Overnight	Travel Time	P		SECURE WELL, DRAIN FLUID EQUIP.
	19:00 19:30	0.50	ABANDT	Rig Crew	Travel Time	P		TRAVEL FROM LOCATION
2/18/2022	6:00 6:30	0.50	ABANDT	Rig Crew	Travel Time	P		TRAVE TO LOCATION.
	6:30 7:30	1.00	ABANDT	Safety	Meeting/JSA	P		CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: 0 (PSI). INTERMEDIATE CASING ## (PSI/NA). { APPROXIMATE WELL SHUT IN DURATION: 12 (HOURS). SURFACE CASING BLOW DOWN DURATION: ## (SECONDS/MINUTES). LEL: ## %. SURFACE CASING FLUID FLOW: (NONE/WATER/WATER & OIL/OIL). PRODUCTION CASING BLOW DOWN DURATION: ## (SECONDS/MINUTES) LEL: ## %. PRODUCTION CASING FLUID FLOW: (NONE/WATER/WATER & OIL/OIL). TUBING BLOW DOWN DURATION: ## (SECONDS/MINUTES). LEL: ## %. TUBING FLUID FLOW: (NONE/WATER/WATER & OIL/OIL). INDICATE IF VISUALLY BUBBLING & ON WHICH CASING/TUBING STRING () COMMENTS: (WARM UP EQUIPMENT,CHECK PRESSURES) }
	7:30 9:00	1.50	WO/REP	COA	Closing Drill	P		NIPPLE DOWN BOPS,N/U 7-1/16" 5000PSI FLANGED TUBING HEAD WITH TWO 2-1/8 5000PSI FLANGED MASTER VALVES. PICK UP TESTING BAR (WALKER) TORQUE AND TEST MASTER VALVES TO HIGH TEST OF 5000PSI/15MIN AND LOW TEST OF 250PSI/15MIN,(GOOD TEST),BLEED OFF PRESSURE ,RDMO PRESSURE TESTER,SECURE WELL WITH BULB PLUGS AND NEEDLE VALVES, HANG SIGN ON WELLHEAD. NOTE: BLOW DOWN ALL CSG VALVES WITH RIG AIR TO ENSURE NO WATER WAS LEFT ON PLUGS.
	9:00 11:00	2.00	WO/REP	30	C	P		RDMO RANGER 1512 ,PICK UP LOCATION. MOVE TO RUSSELL 22-31 FOR SAFETY PREP.