

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well Information

Well	EDWARDS 20-15		
Project	COLORADO-WELD-NAD83-UTM13	Site	EDWARDS 20-15
Rig Name/No.	ENSIGN 317/	Event Name	ABANDONMENT
Start date	12/28/2022	End date	
Spud Date/Time	2/2/2007	Primary Location Desc.	0512323868
Active datum	PU184 12'KB @5,002.01ft (above Mean Sea Level)		
Afe No./Description	4000834358 / P&A - WELL SERVICES - EDWARDS 20-15		

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
11/30/2022	12:00 13:00	1.00	ABAND	COA	Form 17 Test			FORM 17 TEST NO FLUIDS, SC START 2 PSI AND SC END 0 PSI.
12/19/2022	11:00 14:00	3.00	ABAND	Slickline	Other	P		SWABPRO SIPT 550 SICP 950 FL NOT DETECTED RIHW/ 2" JUC FISH PLUNGER @ 7183' RIHW/ 2" JUC FISH BUMPERPSRING @ 7184' RIHW/ 1.75" BB TAG FILL @ 7309' RDMO
12/27/2022	6:00 6:30	0.50	ABANDP	Safety	Meeting/JSA			
	6:30 7:00	0.50	ABANDP	Casing	Check Pressure			
	7:00 14:30	7.50	ABANDP	Casing	Flowback			JSA,CHECK PSI, SITP 720:, SICP 925, SISCOP 0: PSI TEST LINES WITH WELL HEAD PSI, OPEN TUBING/CASING AND FLARE UNTIL 14:30, SI AND SECURE WELL.
	12:00 15:00	3.00	LOCPRP	Roustabout Services				LONE TREE SERVICES MOW, LEVEL AND INSTALL A STRING FENCE FOR RIG OPS.
12/28/2022	6:00 6:30	0.50	ABANDP	Casing	Check Pressure			
	6:30 7:00	0.50	ABANDP	Safety	Meeting/JSA			
	7:00 11:00	4.00	ABANDP	Casing	Flowback			JSA,CHECK PSI, SITP: 935, SICP: 725, SISCOP 0, OPEN TUBING AND CASING AND FLARE UNTIL PUMP TRUCK ARRIVES FOR WELL CONTROL, JSA WITH PUMP TRUCK, MIRU LINES, PSI TEST PUMP LINES, PUMP WELL CONTROL, SI WELL AND RDMO EQUIPMENT
	12:00 15:00	3.00	ABANDP	Rig	Travel Time			ROAD CREW & EQUIPMENT TO LOCATION. SPOT IN EQUIP. MUDDY LOCATION CONDITIONS
	12:00 12:00	0.00		COA	Form 17 Test			FORM 17 11-30-22
	12:00 12:00	0.00	ABANDP	COA				SUBMITTED 12-21-22
	15:00 15:15	0.25	ABANDP	Safety	Meeting/JSA			JSA MEETING

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
	15:15 15:30	0.25	ABANDP	Tubing	Check Pressure			CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 200 (PSI). TUBING: 200 (PSI). INTERMEDIATE CASING ## (NA). { APPROXIMATE WELL SHUT IN DURATION: 12 (HOURS). SURFACE CASING BLOW DOWN DURATION: 0 (SECONDS). LEL: 0 %. SURFACE CASING FLUID FLOW: (NONE). PRODUCTION CASING BLOW DOWN DURATION: 0 (SECONDS) LEL: 20 %. PRODUCTION CASING FLUID FLOW: (NONE). TUBING BLOW DOWN DURATION: 0 (SECONDS). LEL: 20 %. TUBING FLUID FLOW: (NONE). INDICATE IF VISUALLY BUBBLING & ON WHICH CASING/TUBING STRING () COMMENTS: (WELL CIRCULATED) }
	15:30 16:30	1.00	ABANDP	Pulling Unit	Safety Inspection			SAFETY INSPECTIONS
	16:30 18:00	1.50	ABANDP	Pulling Unit	Rig Up			RIG UP SERVICE EQUIPMENT
	18:00 18:15	0.25	ABANDP	Shut-in Overnight				SHUT IN & SECURED WELL
	18:15 19:00	0.75	ABANDP	Rig Crew	Travel Time			CREW TRAVEL TO YARD
12/29/2022	6:00 7:15	1.25	ABANDP	Rig Crew	Travel Time			RIG CREW TRAVEL TO LOCATION. SNOW STORM.
	7:15 8:00	0.75	ABANDP	Safety	Meeting/JSA			JSA MEETING START EQUIPMENT
	8:00 8:30	0.50	ABANDP	Casing	Check Pressure			CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 200 (PSI). TUBING: 200 (PSI). INTERMEDIATE CASING ## (NA). { APPROXIMATE WELL SHUT IN DURATION: 12 (HOURS). SURFACE CASING BLOW DOWN DURATION: 0 (SECONDS). LEL: 0 %. SURFACE CASING FLUID FLOW: (NONE). PRODUCTION CASING BLOW DOWN DURATION: 0 (SECONDS) LEL: 20 %. PRODUCTION CASING FLUID FLOW: (NONE). TUBING BLOW DOWN DURATION: 0 (SECONDS). LEL: 20 %. TUBING FLUID FLOW: (NONE). INDICATE IF VISUALLY BUBBLING & ON WHICH CASING/TUBING STRING () COMMENTS: (WELL CIRCULATED) }
	8:30 10:00	1.50	ABANDP	Circulate	Not Well Control			EST. R-CIRC PUMPED 30BBLS PCSG WELL EST. CIRCULATION CIRCULATED 130BBLS
	10:00 11:00	1.00	ABANDP	BOPE	Nipple Up			T&T BOP EQUIPMENT PIPE/BLIND RAM TEST ON STUMP 5000PSI HIGH/250PSI LOW WELL HEAD SEAL 5000PSI HIGH/250PSI LOW TIWS 5000PSI HIGH/250PSI LOW RU WORK FLOOR AND TBG HANDLING EQUIP.
	11:00 13:30	2.50	ABANDP	Tubing	Pull			TOOH SB 216JTS LD 10JTS,

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
	13:30 14:00	0.50	ABANDP	Wireline	Rig Up			JSA MEETING MIRU RANGER WL
	14:00 15:00	1.00	ABANDP	Wireline	Gauge Run			RIH 3.7" GRJB/GAUGE RING 6900' NO ISSUES
	15:00 16:00	1.00	ABANDP	Wireline	Perforate Csg/Liner			RIH 4'x3.125" DEEP PERF. GUN 4SPF/90° PHASING/.42" EH/44.19" PEN/21GM 16 SHOTS @ 6890'-6894'
	16:00 16:30	0.50	ABANDP	Shut-in Overnight				SHUT IN & SECURED WELL
	16:30 17:00	0.50	ABANDP	Rig Crew	Travel Time			RIG CREW TRAVEL TO YARD
12/30/2022	6:00 6:45	0.75	ABANDP	Rig Crew	Travel Time			RIG CREW TRAVEL TO LOCATION.
	6:45 7:30	0.75	ABANDP	Safety	Meeting/JSA			JSA MEETING. START EQUIPMENT.
	7:30 9:30	2.00	ABANDP	Cement Retainer	Set			TIH 4.5" CICR - 216JTS 6860'
	9:30 9:45	0.25	ABANDP	Tubing	Pressure Test			PRESSURE TEST P-TBG 2500PSI
	9:45 10:00	0.25	ABANDP	Injectivity Test				PERFORM INJECTION TEST (WITH CICR). { BOTTOM TEST SETUP: (PERFS), INJECTION DEPTH: 6890 FT MAX ALLOWABLE SURFACE EQUIPMENT PSI RATING: 5000 PSI INJECTION RATE ABOVE 0.5 BPM ACHIEVED: (YES) MINIMUM PRESSURE TO GET 1 BPM: 1000 PSI FIRST PUMP RATE AT 1000 PSI: 1 BPM SECOND PUMP RATE AT 1500 PSI: 2 BPM THIRD PUMP RATE AT 700 PSI: 3 BPM DID PRESSURE BREAKOVER: (YES) PRE BREAKOVER PRESSURE: 1500 PSI, PRE BREAKOVER RATE: 2 BPM POST BREAKOVER PRESSURE: 700 PSI, POST BREAKOVER RATE: 3 BPM INSTANT SHUT IN PRESSURE: 300 PSI, 5 MIN SHUT IN PRESSURE: 70 PSI TOTAL VOLUME PUMPED: 3 BBLS COMMENTS: () }
	10:00 11:00	1.00	ABANDP	Circulate	Not Well Control			SHEARED OFF CICR STINGER FROM CICR EST R-CIRC 130BBLS RH CLEAN.

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
	11:00 11:30	0.50	ABANDP	Cement	Rig Up			MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (RANGER). { CMT JOB TYPE: (INJ SQZ), IF OTHER, EXPLAIN IN COMMENTS. PRESSURE TEST CEMENT LINES TO: 3950 PSI, BLEED OFF PRESSURE. WATER SOURCE: (ULRICH FARMS) WATER TEMP: 70 deg F, PH: 7, CL: <0 PPM RETURNS SETUP: (ONE VALVE ONE TANK LINE) CMT DOWN (TBG), RETURNS (NONE) ADDITIVES 1 TYPE: (SILICA), ADDITIVES 1 AMOUNT: 35 (%) ADDITIVES 2 TYPE: (LATEX), ADDITIVES 2 AMOUNT: .4 (%) ADDITIVES 3 TYPE: (FLUID LOSS), ADDITIVES 3 AMOUNT: .4 (%) ADDITIVES 4 TYPE: (RETARDER), ADDITIVES 4 AMOUNT: .2 (%) COMMENTS: (DISPERSANT .3%) }
	11:30 12:30	1.00	ABANDP	Cement	Spot			PUMP 100 SX, 15.8 PPG, 1.52 CF/SX CLASS G CEMENT, (NIO BLEND) BALANCE PLUG: (NO), TOC ##### FT, BOC ##### FT SQUEEZE: (YES), EQUIPMENT: (CICR) DEPTH: 6860 FT, BOTTOM (PERF): 6890 FT, TOP (NA): ##### FT, TOC IN CSG: 6796 FT { SPACER VOL: 0 BBLS, SPACER DESCRIPTION: () AVG PUMP RATE: 2.2 BPM, AVG PUMP PRESSURE: 1292 PSI, TOTAL VOL PUMPED: 27.1 BBLS MAX ALLOWABLE SURFACE EQUIPMENT PSI RATING: 5000 PSI STAGE NO: 1 OH EXCESS CEMENT CALCULATED: 0% RATE OF RETURNS: (NONE) SOLIDS IN RETURNS: (NONE), HC IN RETURNS: (NONE) HESITATIONS DONE: (NO) PRESSURE APPLIED OVERNIGHT: (NO), PRESSURE: ##### PSI COMMENTS: (PRE LOAD TBG 25.5BBLS, STING IN , PUMPED REM 1.6BBLS, DISPLACED 25.5BBLS FW, LEAVING 1BBLS CMT ON CICR) }
	12:30 13:00	0.50	ABANDP	Tubing	Lay Down			STING OUT OF CICR BRAKE OFF CMT LINE LD 5JTS
	13:00 14:00	1.00	ABANDP	Circulate	Not Well Control			EST. R-CIRC RH CLEAN @ 6682' 90BBLS T-VOLUME
	14:00 16:00	2.00	ABANDP	Tubing	Pull			TOOH LD 99JTS SB 112JTS
	16:00 17:00	1.00	ABANDP	Shut-in Overnight				SHUT IN & SECURED WELL DRAINED & SECURED EQUIPMENT
	17:00 18:00	1.00	ABANDP	Rig Crew	Travel Time			RIG CREW & DOG HOUSE TRAVEL TO YARD
1/3/2023	6:00 6:45	0.75	ABANDP	Rig Crew	Travel Time			RIG CREW TRAVEL TO LOCATION.
	6:45 7:30	0.75	ABANDP	Safety	Meeting/JSA			JSA MEETING. START EQUIPMENT.

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
	7:30 8:00	0.50	ABANDP	Casing	Check Pressure			CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING ## (NA). { APPROXIMATE WELL SHUT IN DURATION: 3 (DAYS). SURFACE CASING BLOW DOWN DURATION: 0 (SECONDS). LEL: 0 %. SURFACE CASING FLUID FLOW: (NONE). PRODUCTION CASING BLOW DOWN DURATION: 0 (SECONDS) LEL: 0 %. PRODUCTION CASING FLUID FLOW: (NONE). 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: () }
	8:00 8:30	0.50	ABANDP	Wireline	Rig Up			JSA MEETING MIRU RANGER WL
	8:30 8:30	0.00	ABANDP	COA	Verify No Migration			BEFORE PUMPIN UPA BASE CONFIRMED STATIC CONDITIONS 1-3-23
	8:30 9:00	0.50	ABANDP	Wireline	Perforate Csg/Liner			RIH 4'x3.125" DEEP PERF. GUN 4SPF/90° PHASING/.42" EH/44.19" PEN/21GM 16 SHOTS @ 3610'-3614'
	9:00 10:00	1.00	ABANDP	Cement Retainer	Set			TIH 4.5" CICR 113JTS 2.375" TBG SET @ 3580'
	10:00 10:15	0.25	ABANDP	Injectivity Test				PERFORM INJECTION TEST (WITH CICR). { BOTTOM TEST SETUP: (PERFS), INJECTION DEPTH: 3610 FT MAX ALLOWABLE SURFACE EQUIPMENT PSI RATING: 5000 PSI INJECTION RATE ABOVE 0.5 BPM ACHIEVED: (YES) MINIMUM PRESSURE TO GET 1 BPM: 1000 PSI FIRST PUMP RATE AT 1000 PSI: 1 BPM SECOND PUMP RATE AT 1500 PSI: 2 BPM THIRD PUMP RATE AT 700 PSI: 3 BPM DID PRESSURE BREAKOVER: (YES) PRE BREAKOVER PRESSURE: 1500 PSI, PRE BREAKOVER RATE: 2 BPM POST BREAKOVER PRESSURE: 700 PSI, POST BREAKOVER RATE: 3 BPM INSTANT SHUT IN PRESSURE: 300 PSI, 5 MIN SHUT IN PRESSURE: 70 PSI TOTAL VOLUME PUMPED: 3 BBLS COMMENTS: () }

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
	10:15 10:30	0.25	ABANDP	Cement	Rig Up			MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (RANGER). { CMT JOB TYPE: (INJ SQZ), IF OTHER, EXPLAIN IN COMMENTS. PRESSURE TEST CEMENT LINES TO: 3913 PSI, BLEED OFF PRESSURE. WATER SOURCE: (ULRICH FARMS) WATER TEMP: 68.7 deg F, PH: 7, CL: <0 PPM RETURNS SETUP: (ONE VALVE ONE TANK LINE) CMT DOWN (TBG), RETURNS (NONE) ADDITIVES 1 TYPE: (GYPSUM), ADDITIVES 1 AMOUNT: 2 (%) ADDITIVES 2 TYPE: (LATEX), ADDITIVES 2 AMOUNT: .4 (%) ADDITIVES 3 TYPE: (FLUID LOSS), ADDITIVES 3 AMOUNT: .3 (%) ADDITIVES 4 TYPE: (OTHER), ADDITIVES 4 AMOUNT: .25 (%) COMMENTS: (DISPERSANT) }
	10:30 11:15	0.75	ABANDP	Cement	Spot			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: 3580 FT, BOTTOM (PERF): 3610 FT, TOP (NA): ##### FT, TOC IN CSG: 3516 FT { SPACER VOL: 0 BBLs, SPACER DESCRIPTION: () AVG PUMP RATE: 2.3 BPM, AVG PUMP PRESSURE: 959 PSI, TOTAL VOL PUMPED: 20.8 BBLs MAX ALLOWABLE SURFACE EQUIPMENT PSI RATING: 5000 PSI STAGE NO: 1 OH EXCESS CEMENT CALCULATED: 0% RATE OF RETURNS: (NONE) SOLIDS IN RETURNS: (NONE), HC IN RETURNS: (NONE) HESITATIONS DONE: (NO) PRESSURE APPLIED OVERNIGHT: (NO), PRESSURE: ##### PSI COMMENTS: (LOAD TBG W/ CMT, STUNG IN COMPLETED CMT JOB, DISPLACED 12.8BBLs FW, LEAVING 1BBL CMT ON CICR) }
	11:15 11:30	0.25	ABANDP	Tubing	Lay Down			STUNG OUT OF CICR BROKE DOWN CMT LINE LD 5JTS 2.375" TBG
	11:30 12:00	0.50	ABANDP	Circulate	Not Well Control			EST. R-CIRC RH CLEAN @ 3420' 45BBLs CIRCULATED
	12:00 13:30	1.50	ABANDP	Tubing	Pull			TOOH LD 28JTS SB 80JTS 2.375" TBG
	13:30 13:45	0.25	ABANDP	Wireline	Rig Up			JSA MEETING RU RANGER WL
	13:45 14:00	0.25	ABANDP	Wireline	Perforate Csg/Liner			RIH 4'x3.125" DEEP PERF. GUN 4SPF/90° PHASING/.42" EH/44.19" PEN/21GM 16 SHOTS @ 2595'-2599'
	14:00 14:45	0.75	ABANDP	Packer	Set			TIH 4.5" PKR + UNLOADER 81JTS 2.375" TBG 2565'

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
	14:45 15:00	0.25	ABANDP	Injectivity Test				PERFORM INJECTION TEST (WITH CICR). { BOTTOM TEST SETUP: (PERFS), INJECTION DEPTH: FT2595 MAX ALLOWABLE SURFACE EQUIPMENT PSI RATING: 5000 PSI INJECTION RATE ABOVE 0.5 BPM ACHIEVED: (YES) MINIMUM PRESSURE TO GET 1 BPM: 1000 PSI FIRST PUMP RATE AT 1000 PSI: 1 BPM SECOND PUMP RATE AT 1500 PSI: 2 BPM THIRD PUMP RATE AT 700 PSI: 3 BPM DID PRESSURE BREAKOVER: (YES) PRE BREAKOVER PRESSURE: 1500 PSI, PRE BREAKOVER RATE: 2 BPM POST BREAKOVER PRESSURE: 700 PSI, POST BREAKOVER RATE: 3 BPM INSTANT SHUT IN PRESSURE: 300 PSI, 5 MIN SHUT IN PRESSURE: 70 PSI TOTAL VOLUME PUMPED: 3 BBLS COMMENTS: () }
	15:00 15:45	0.75	ABANDP	Tubing	Pull			TOO H SB 80JTS 2.375" TBG LD 1JT + PKR
	15:45 16:30	0.75	ABANDP	Cement Retainer	Set			TIH 4.5" CICR 81JTS 2.375" TBG 2565'
	16:30 16:45	0.25	ABANDP	Cement	Rig Up			MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (RANGER). { CMT JOB TYPE: (INJ SQZ), IF OTHER, EXPLAIN IN COMMENTS. PRESSURE TEST CEMENT LINES TO: 3489 PSI, BLEED OFF PRESSURE. WATER SOURCE: (ULRICH FARMS) WATER TEMP: 68.5 deg F, PH: 7, CL: <0 PPM RETURNS SETUP: (ONE VALVE ONE TANK LINE) CMT DOWN (TBG), RETURNS (NONE) ADDITIVES 1 TYPE: (GYPSUM), ADDITIVES 1 AMOUNT: 4 (%) ADDITIVES 2 TYPE: (CALCIUM), ADDITIVES 2 AMOUNT: 1 (%) ADDITIVES 3 TYPE: (LATEX), ADDITIVES 3 AMOUNT: .4 (%) ADDITIVES 4 TYPE: (SILICA/RETARDER/FLY ASH/LATEX/CALCIUM/GYPSUM/FLUID LOSS/OTHER), ADDITIVES 4 AMOUNT: ##.# (%/SX/GAL) COMMENTS: () }

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
	16:45 17:15	0.50	ABANDP	Cement	Spot			PUMP 100 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: 2565 FT, BOTTOM (PERF): 2595 FT, TOP (NA): ##### FT, TOC IN CSG: 2501 FT { SPACER VOL: 0 BBLS, SPACER DESCRIPTION: () AVG PUMP RATE: 2.3 BPM, AVG PUMP PRESSURE: 399 PSI, TOTAL VOL PUMPED: 21.3 BBLS MAX ALLOWABLE SURFACE EQUIPMENT PSI RATING: 5000 PSI STAGE NO: 1 OH EXCESS CEMENT CALCULATED: 0% RATE OF RETURNS: (NONE) SOLIDS IN RETURNS: (NONE), HC IN RETURNS: (NONE) HESITATIONS DONE: (NO) PRESSURE APPLIED OVERNIGHT: (NO), PRESSURE: ##### PSI COMMENTS: (LOAD 9BBLS CMT, STUNG INTO CICR, COMPLETED CMT JOB, DISPLACED 9BBLS FW, LEAVING 1BBL CMT ON CICR) }
	17:15 17:30	0.25	ABANDP	Tubing	Lay Down			STUNG OUT OF CICR BROKE OFF CMT LINE LD 5JTS
	17:30 18:00	0.50	ABANDP	Circulate	Not Well Control			EST. R-CIRC RH CLEAN @ 2409' 33BBLS CIRCULATED
	18:00 18:45	0.75	ABANDP	Tubing	Lay Down			TOOH LD 34JTS SB 42JTS 2.375" TBG
	18:45 19:15	0.50	ABANDP	Shut-in Overnight				SHUT IN & SECURED WELL DRAINED EQUIPMENT
	19:15 20:00	0.75	ABANDP	Rig Crew	Travel Time			CREW TRAVEL TO YARD
1/4/2023	6:00 6:30	0.50	ABANDP	Rig Crew	Travel Time			CREW TRAVEL TO OCCIDENTAL OFFICE
	6:30 8:00	1.50	ABANDP	Safety	Meeting/JSA			VENDOR START UP MEETING
	8:00 9:00	1.00	ABANDP	Rig Crew	Travel Time			CREW TRAVEL TO LOCATION
	9:00 9:30	0.50	ABANDP	Safety	Meeting/JSA			JSA MEETING START EQUIPMENT

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
	9:30 9:45	0.25	ABANDP	Casing	Check Pressure			CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: 0 (PSI). TUBING: ## (NA). INTERMEDIATE CASING ## (NA). { APPROXIMATE WELL SHUT IN DURATION: 3 (DAYS). SURFACE CASING BLOW DOWN DURATION: 0 (SECONDS). LEL: 0 %. SURFACE CASING FLUID FLOW: (NONE). PRODUCTION CASING BLOW DOWN DURATION: 0 (SECONDS) LEL: 0 %. PRODUCTION CASING FLUID FLOW: (NONE). 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: () }
	9:30 9:30	0.00	ABANDP	COA	WOC Requirement			CMT PLUG 2595' PLACED 1-3-23 CONFIRMED STATIC CONDITIONS 1-4-23
	9:45 10:00	0.25	ABANDP	Tubing	Run			TIH 43JTS 2.375" TBG INTERNAL CUTTER
	10:00 10:45	0.75	ABANDP	Casing	Internal Cut			RU PWR SWVL PU 10' ON JT 43 CUT PCSG @ 1350'
	10:45 11:30	0.75	ABANDP	Tubing	Pull			LD PWR SWVL SB 42JTS 2.375" TBG LD 1JT & CUTTER
	11:30 14:00	2.50	ABANDP	Circulate	Not Well Control			EST. F CIRC DOWN PCSG UP SCSG 7BBLS TO LOAD RATE START UP 1BPM RATE END 4BPM 270BBLS CIRCULATED SPOT 60BBLS HSF
	14:00 14:45	0.75	ABANDP	BOPE	Nipple Down			ND TBG HANDLING EQUIP ND WORK FLOOR ND BOP STACK BROKE DOWN 6PIN-5K WH
	14:45 17:15	2.50	ABANDP	Casing	Pull & Lay Down			REMOVED Q-92 SCSG CAP (CAP HARD TO TAKE OFF) UNLAND PCSG USING CSG SPEAR 45# PULL UNABLE TO REMOVE 8.625" PCSG HANGER PULLED 1JT/BROKE JT LD JT W/ HANGER INSTALLED
	17:15 18:00	0.75	ABANDP	BOPE	Nipple Up			NU Q-92 FLANGE NU ADAPTER SPOOL NU 9" BOP RU WORK FLOOR & 4.5" HANDLING EQUIPMENT
	18:00 18:45	0.75	ABANDP	Casing	Pull & Lay Down			TOOH LD 34JTS 4.5" PCSG UTILIZED PIPE WRANGLER
	18:45 19:15	0.50	ABANDP	Shut-in Overnight				SHUT IN & SECURED WELL DRAINED EQUIPMENT
	19:15 20:00	0.75	ABANDP	Rig Crew	Travel Time			CREW TRAVEL TO YARD
1/5/2023	6:00 6:45	0.75	ABANDP	Rig Crew	Travel Time			CREW TRAVEL TO LOCATION

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
	6:45 8:30	1.75	ABANDP	Safety	Meeting/JSA			JSA MEETING START EQUIPMENT (HAD ISSUES TURNING ON RIG & OXY OWN HEATER)
	8:30 8:45	0.25	ABANDP	Casing	Check Pressure			CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: ## (NA). TUBING: ## (NA). INTERMEDIATE CASING ## (NA). { APPROXIMATE WELL SHUT IN DURATION: 12 (HOURS). SURFACE CASING BLOW DOWN DURATION: 0 (SECONDS/MINUTES). LEL: 0 %. SURFACE CASING FLUID FLOW: (NONE). 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: () }
	8:45 9:00	0.25	ABANDP	Tubing	Run			TIH 43JTS 2.375" TBG + DIVERTER TOOL 1350'
	9:00 10:00	1.00	ABANDP	Circulate	Not Well Control			EST. F-CIRC DOWN P-TBG UP SCSG 200BBS CIRCULATED 3.5-4BPM 300PSI CIRCULATING HSF FROM WELL
	10:00 10:30	0.50	ABANDP	Cement	Rig Up			MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (RANGER). { CMT JOB TYPE: (SHOE PLUG), IF OTHER, EXPLAIN IN COMMENTS. PRESSURE TEST CEMENT LINES TO: 3000 PSI, BLEED OFF PRESSURE. WATER SOURCE: (ULRICH FARMS) WATER TEMP: 67 deg F, PH: 7, CL: <33 PPM RETURNS SETUP: (ONE VALVE ONE TANK LINE) CMT DOWN (TBG), RETURNS (SCSG) ADDITIVES 1 TYPE: (LATEX), ADDITIVES 1 AMOUNT: .4 (%) ADDITIVES 2 TYPE: (CALCIUM), ADDITIVES 2 AMOUNT: 1.5 (%) ADDITIVES 3 TYPE: (GYPSUM), ADDITIVES 3 AMOUNT: 4 (%) ADDITIVES 4 TYPE: (SILICA/RETARDER/FLY ASH/LATEX/CALCIUM/GYPSUM/FLUID LOSS/OTHER), ADDITIVES 4 AMOUNT: ##.# (%/SX/GAL) COMMENTS: () }

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
	10:30 11:15	0.75	ABANDP	Cement	Spot			PUMP 305 SX, 15.8 PPG, 1.21 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 496 FT, BOC 1350 FT SQUEEZE: (NO), EQUIPMENT: (CICR/PACKER/NONE) DEPTH: #### FT, BOTTOM (PERF/CSG CUT/OH): #### FT, TOP (PERF/NA): #### FT, TOC IN CSG: 496 FT { SPACER VOL: 15 BBLS, SPACER DESCRIPTION: (10BBLS MUD FLUSH,5BBLS FW) AVG PUMP RATE: 3 BPM, AVG PUMP PRESSURE: 350 PSI, TOTAL VOL PUMPED: 65.7 BBLS MAX ALLOWABLE SURFACE EQUIPMENT PSI RATING: 5000 PSI STAGE NO: 1 OH EXCESS CEMENT CALCULATED: 100% RATE OF RETURNS: (FULL) SOLIDS IN RETURNS: (NONE), HC IN RETURNS: (NONE) HESITATIONS DONE: (NO) PRESSURE APPLIED OVERNIGHT: (NO), PRESSURE: #### PSI COMMENTS: () }
	11:15 11:45	0.50	ABANDP	Tubing	Lay Down			TOOH LD 33JTS 2.375" TBG
	11:45 12:15	0.50	ABANDP	Circulate	Not Well Control			EST. R-CIRC @ 316' 40BBLS CIRCULATED
	12:15 12:30	0.25	ABANDP	Tubing	Lay Down			TOOH LD 10JTS 2.375" TBG
	12:30 15:15	2.75	ABANDP	COA	Plug Tag Requirement			COA WAIT ON CMT TO TAG 4HRS. 11:15 END OF PUMP CMT 15:15 TAG TOC TIH TAG TOC 10' OUT ON JT # 16 496'MD
	15:15 15:30	0.25	ABANDP	Tubing	Pull			TOOH LD 6JTS 2.375" TBG SB 10JTS 2.375" TBG
	15:30 16:00	0.50	ABANDP	Tubing	Run			ROUND TRIP 8.625" BIT & SCRAPER 316' RECIPRICATING EVERY JT SEVERAL TIMES
	16:00 16:30	0.50	ABANDP	Shut-in Overnight				SHUT IN & SECURED WELL DRAINED EQUIP
	16:30 17:30	1.00	ABANDP	Rig Crew	Travel Time			CREW TRAVEL TO YARD
1/6/2023	6:00 6:45	0.75	ABANDP	Rig Crew	Travel Time			CREW TRAVEL TO LOCATION
	6:45 7:30	0.75	ABANDP	Safety	Meeting/JSA			JSA MEETING START EQUIPMENT (HAD ISSUES TURNING ON RIG & OXY OWN HEATER)

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
	7:30 7:45	0.25	ABANDP	Casing	Check Pressure			CHECK SHUT IN WELL PRESSURES. SURFACE CASING: 0 PSI. PRODUCTION CASING: ## (NA). TUBING: ## (NA). INTERMEDIATE CASING ## (NA). { APPROXIMATE WELL SHUT IN DURATION: 12 (HOURS). SURFACE CASING BLOW DOWN DURATION: 0 (SECONDS/MINUTES). LEL: 0 %. SURFACE CASING FLUID FLOW: (NONE). 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: () }
	7:45 8:15	0.50	ABANDP	Wireline	Rig Up			JSA MEETING MIRU WL
	8:15 8:45	0.50	ABANDP	Wireline	Bridge Plug - Set			RIH 8.625" CIBP SET @ 300'
	8:45 9:00	0.25	ABANDP	Tubing	Run			TIH 9JTS 2.375" TBG + D-TOOL 300'
	9:00 9:30	0.50	ABANDP	Cement	Rig Up			MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (RANGER). { CMT JOB TYPE: (CSG BAL PLUG), IF OTHER, EXPLAIN IN COMMENTS. PRESSURE TEST CEMENT LINES TO: 722 PSI, BLEED OFF PRESSURE. WATER SOURCE: (ULRICH FARMS) WATER TEMP: 74 deg F, PH: 7, CL: <28 PPM RETURNS SETUP: (ONE VALVE ONE TANK LINE) CMT DOWN (TBG), RETURNS (SCSG) ADDITIVES 1 TYPE: (GYPSUM), ADDITIVES 1 AMOUNT: 4 (%) ADDITIVES 2 TYPE: (CALCIUM), ADDITIVES 2 AMOUNT: 2 (%) ADDITIVES 3 TYPE: (LATEX), ADDITIVES 3 AMOUNT: .4 (%) ADDITIVES 4 TYPE: (SILICA/RETARDER/FLY ASH/LATEX/CALCIUM/GYPSUM/FLUID LOSS/OTHER), ADDITIVES 4 AMOUNT: ##.# (%/SX/GAL) COMMENTS: () }

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
	9:30 10:00	0.50	ABANDP	Cement	Spot			PUMP 103 SX, 15.8 PPG, 1.21 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 10 FT, BOC 300 FT SQUEEZE: (NO), EQUIPMENT: (CICR/PACKER/NONE) DEPTH: #### FT, BOTTOM (PERF/CSG CUT/OH): #### FT, TOP (PERF/NA): #### FT, TOC IN CSG: 10 FT { SPACER VOL: 15 BBLS, SPACER DESCRIPTION: (10BBLS MF/5BBLS FW) AVG PUMP RATE: 2.2 BPM, AVG PUMP PRESSURE: 140 PSI, TOTAL VOL PUMPED: 22.3 BBLS MAX ALLOWABLE SURFACE EQUIPMENT PSI RATING: 5000 PSI STAGE NO: 1 OH EXCESS CEMENT CALCULATED: 0% RATE OF RETURNS: (FULL) SOLIDS IN RETURNS: (NONE), HC IN RETURNS: (NONE) HESITATIONS DONE: (NO) PRESSURE APPLIED OVERNIGHT: (NO), PRESSURE: #### PSI COMMENTS: () }
	10:00 10:15	0.25	ABANDP	Tubing	Lay Down			TOOH LD 9JTS & D-TOOL
	10:15 11:00	0.75	ABANDP	BOPE	Nipple Down			CLEAN/RINSE OFF EQUIPMENT RD TBG HANDLING EQUIPMENT RD WORK FLOOR ND 9" BOP/SPOOL/Q-92 FLANGE
	11:00 12:00	1.00	ABANDP	Pulling Unit	Rig Down			RD SERVICE EQUIPMENT CLEAN & SECURE LOCATION MOVED OUT ALL EQUIPMENT
	12:00 12:00	0.00	ABANDP	COA				CONTROLLED VENTING BULLS EYE FLARE UNIT
	12:00 12:00	0.00	ABANDP	COA				ALL CMT PLUGS 100' +