

**US ROCKIES REGION**  
**Operation Summary Report**

Well: <b>HSR-STATE 15-16A</b>		Spud date: 4/2/2001	
Project: COLORADO-WELD-NAD83-UTM13		Site: HSR-STATE 15-16A	Rig name no.: RANGER 23/23
Event: ABANDONMENT		Start date: 7/2/2019	End date: 7/19/2019
Active datum: RKB @4,907.99usft (above Mean Sea Level)		UWI: 0/3/N/66/W/16/0/SESW/6/0/S/-593/E/0/1959/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/15/2018	9:30 - 10:30	1.00	MIRU	42	B	P		MIRU FOSTER 30
	10:30 - 10:30	0.00	MAINT	52	I	P		SC O
	10:30 - 11:30	1.00	MAINT	42	B	P		FLOW
	11:30 - 12:00	0.50	RDMO	42	B	P		RDMO FOSTER 30
3/28/2019	7:00 - 8:00	1.00	ABANDP	53	B	P		<b>FORM 17 TEST</b>
5/31/2019	12:00 - 13:00	1.00	ABANDP	53	B	P		<b>FORM 17 TEST</b>
6/17/2019	12:00 - 14:00	2.00	LOCPRP	53	B	P		LONE TREE SERVICE MOVED DIRT FROM AROUND WELL HEAD, ALSO STRING FENCED LOCATION FOR UP COMING RIG OPS.
6/27/2019	-							
7/2/2019	9:00 - 12:00	3.00	ABANDP	30	A	P		SPOT IN AND RIG PULLING UNIT AND PUMP LINES TO WELLHEAD, PRESSURE TEST PUP LINES WITH RIG PUMP TO 2000 PSI.
	12:00 - 14:00	2.00	ABANDP	30	E	P		TP-1000 PSI, CP-1000 PSI, SCP-0 PSI, BLOW DOWN WELL TO RIG TANK AND CONTROL WELL WITH 80/30 BBLS OF FRESH/BIO WATER, PERFORM STUMP TEST ON BOP "BLIND RAMS" TO 250 PSI LOW AND 5000 PSI HIGH.
	14:00 - 15:00	1.00	ABANDP	30	F	P		N/D PROD/TREE, N/U BOP AND TBG EQUIPMENT, PERFORM TEST ON PIPE RAMS TO 250 PSI LOW AND 5000 PSI HIGH.
	15:00 - 17:00	2.00	ABANDP	31	I	P		TOOH STANDING BACK 226 JTS AND L/D 25 JTS, SWI, SDFN.
7/3/2019	17:00 - 18:00	1.00	ABANDP	30	G	P		CHANGE CLOTHES AND CREW TRAVEL TO YARD
	5:00 - 6:00	1.00	ABANDP	30	G	P		CREW TRAVEL TO LOCATION, HELD A SAFETY MEETING TO REVIEW JSA AND DAY TASK
	6:00 - 7:00	1.00	ABANDP	30	E	P		CP-450 PSI, SCP-0 PSI, BLOW DOWN CSG TO WORK TANK, AND CONTROL WELL WITH 20 BBLS OF FRESH/BIO WATER.
	7:00 - 10:00	3.00	ABANDP	34	I	P		MOVE IN <b>PIONEER W/L</b> , HELD A SAFETY MEETING, SPOT IN AND <b>R/U WIRELINE</b> , <b>RUN GAUGE RING 7735'</b> , <b>SET CIBP AT 7725'</b> AND <b>SPOT 2 SKS OF CEMENT ON TOP</b> , <b>SET CIBP AT 7025'</b> ,
7/8/2019	10:00 - 11:30	1.50	ABANDP	31	I	P		TIH WITH N/C, XN AND 226 JTS OF 2.375 TBG TO 7025'.
	11:30 - 13:30	2.00	ABANDP	31	H	P		R/U CIRCULATING EQUIPMENT, ESTABLISH CIRCULATION WITH 97 BBLS OF FRESH WATER, ROLL GAS OUT AND PRESSURE TEST CIBP AND CSG TO 1000 PSI, HELD GOOD, SWI, SDFN.
	13:30 - 14:30	1.00	ABANDP	30	G	P		CHANGE CLOTHES AND CREW TRAVEL TO YARD.
	6:00 - 7:00	1.00	ABANDP	30	G	P		CREW TRAVEL TO LOCATION, HELD A SAFETY MEETING TO REVIEW JSA AND DAY TASK
7/8/2019	7:00 - 8:00	1.00	ABANDP	51	D	P		TP-0 PSI, CP-0 PSI, SCP-0 PSI, MOVE IN <b>BASIC CEMENT</b> CREW, HELD A SAFETY MEETING, SPOT IN AND R/U CEMENTERS, PRES/TEST LINES, MIX AND <b>PUMP 25 SKS OF CEMENT AT 15.8 PPG AND 1.53 YIELD</b> , DISPLEASE IT WITH 25.5 BBLS OF WATER, R/D CEMENTERS AND WASH UP TRUE RETURN LINE.

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Spud date: 4/2/2001

Project: COLORADO-WELD-NAD83-UTM13

Site: HSR-STATE 15-16A

Rig name no.: RANGER 23/23

Event: ABANDONMENT

Start date: 7/2/2019

End date: 7/19/2019

Active datum: RKB @4,907.99usft (above Mean Sea Level)

UWI: 0/3/N/66/W/16/0/SESW/6/0/S/-593/E/0/1959/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:00 - 10:30	2.50	ABANDP	31	I	P		POOH AND STAND BACK 140 JTS AND L/D REST OF TBG ON TRAILER.
	10:30 - 11:30	1.00	ABANDP	34	H	P		MOVE IN PIONEER W/L, HELD A SAFETY MEETING, R/U W/L, RIH WITH 1-2' AND 1-4' PERF GUN WITH 3 SPF AND SHUT THE 2' AT 4505' AND THE 4' AT 4305', POOH, RDMO W/L.
	11:30 - 13:30	2.00	ABANDP	31	I	P		MOVE IN AND R/U ANYTIME TESTING, HYDRO TEST IN HOLE WITH PKR WITH UN LOADER AND 140 JTS, R/D TESTER, SET PKR AT 4365' WITH 140 JTS.
	13:30 - 15:30	2.00	ABANDP	31	H	P		R/U CIRCULATING EQUIPMENT, ESTABLISH CIRCULATION AND CONDITION HOLE FOR CEMENT JOB.
	15:30 - 17:00	1.50	ABANDP	31	I	P		RELEASE PKR, LET ELEMENTS RELAX, TOO AND L/D PKR, SWI, SDFN.
	17:00 - 18:00	1.00	ABANDP	30	G	P		CHANGE CLOTHES AND CREW TRAVEL TO YARD.
7/9/2019	6:00 - 7:00	1.00	ABANDP	30	G	P		CREW TRAVEL TO LOCATION, HELD A SAFETY MEETING TO REVIEW JSA AND DAY TASK.
	7:00 - 8:00	1.00	ABANDP	31	I	P		CP-0 PSI, SCP-0 PSI, TIH W/CICR AND SET IT AT 4365' W/140 JTS
	8:00 - 9:00	1.00	ABANDP	31	H	P		R/U CIRCULATING EQUIPMENT, ESTABLISH CIRCULATION AND CONDITION HOLE.
	9:00 - 10:00	1.00	ABANDP	51	D	P		MOVE IN BASIC CEMENT CREW, HELD A SAFETY MEETING, SPOT IN AND RIG UP CEMENTERS, PRESSURE TEST LINES, MIX AND PUMP 10 BBLS OF MUD FLASH, 5 BBLS SPACER AND 70 SKS OF CEMENT AT 14 PPG AND 1.56 YIELD, UNDER DISPLEASE IT BY 3 BBLS, R/D CEMENTERS.
	10:00 - 12:00	2.00	ABANDP	31	I	P		POOH STANDING BACK 18 STANDS AND L/D REST OF TBG ON TRAILER.
	12:00 - 14:00	2.00	ABANDP	31	Z	P		TIH WITH HYDRO MECHANICAL CUTTER AND 34 JTS OF 2.375 TBG, R/U WASHINGTON RUBBER, POWER SWIVEL AND CIRCULATING EQUIPMENT, CUT CSG AT 1160', R/D SWIVEL AND CIRCULATING EQUIPMENT, POOH AND L/D CUTTER.
	14:00 - 15:30	1.50	ABANDP	31	H	P		ESTABLISH CIRCULATION AND CONDITION HOLE.
	15:30 - 17:00	1.50	ABANDP	31	I	P		N/D TBG EQUIPMENT, BOP AND TBG HEAD, USE CSG SPEAR TO UN LAND CSG, N/U SPOOL, BOP AND 4.5 EQUIPMENT, SWI, SDFN.
	17:00 - 18:00	1.00	ABANDP	30	G	P		CHANGE CLOTHES AND CREW TRAVEL TO LOCATION.
7/10/2019	5:00 - 6:00	1.00	ABANDP	30	G	P		CREW TRAVEL TO LOCATION, HELD A SAFETY MEETING TO REVIEW JSA AND DAY TASK.
	6:00 - 8:00	2.00	ABANDP	31	I	P		CP-0 PSI, SCP-0 PSI, POOH AND L/D 27 JTS OF 4.5 CSG, C/O EQUIPMENT AND TIH WITH 41 JTS OF 2.375 TBG TO 1260'
	8:00 - 9:00	1.00	ABANDP	31	H	P		R/U CIRCULATING EQUIPMENT, ESTABLISH CIRCULATION AND CONDITION HOLE FOR CEMENT JOB.

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	9:00 - 13:30	4.50	ABANDP	51	D	P		MOVE IN BASIC CEMENT CREW, HELD A SAFETY MEETING, SPOT IN AND RIG UP CEMENTERS, PRESSURE TEST LINES, MIX AND PUMP 10 BBLS OF MUD FLASH, 5 BBLS SPACER AND 297 SKS OF CEMENT AT 14 PPG AND 1.58 YIELD, DISPLEASE IT WITH 1.5 BBLS OF WATER, R/D CEMENTERS, L/D 37 JTS, REVERSE OUT CIRCULATION, L/D REST OF TBG, CLEAN UP EQUIPMENT AND LET CEMENT SET FOUR HOURS BEFORE TAGGING.
	13:30 - 14:30	1.00	ABANDP	31	I	P		RIH AND TAG CEMENT PLUG AT 120', POOH, PERFORM PRESSURE TEST 500 PSI FOR 15 MINUTES, HELD GOOD, N/D TBG EQUIPMENT, BOP AND SPOOL.
	14:30 - 15:00	0.50	ABANDP	34	I	P		MOVE IN PIONEER W/L, HELD A SAFETY MEETING, SPOT IN AND R/U WIRELINE, RIH WITH CIBP AND SET IT AT 80', POOH, RDMO W/L
	15:00 - 16:30	1.50	ABANDP	30	C	P		R/D RIG, PUMP AND LINES, PULL OFF WELL HEAD.
	16:30 - 17:30	1.00	ABANDP	30	G	P		CHANGE CLOTHES AND CREW TRAVEL TO YARD.
7/19/2019	6:00 - 7:00	1.00	ABANDZ	52		P		PRESSURE TESTED CIBP, SURFACE CASING TO 500 PSI
	7:00 - 8:00	1.00	ABANDZ	53	B	P		DUG UP SURFACE CASING
	8:00 - 9:00	1.00	ABANDZ	53	C	P		CUT CASING 6' BELOW GL, TAGGED @ 72'
	9:00 - 10:00	1.00	ABANDZ	53	B	P		FILLED CASING STUB WITH 38 BAGS 5000 PSI CEMENT
	10:00 - 11:00	1.00	ABANDZ	53	A	P		CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO
	11:00 - 12:00	1.00	ABANDZ	53	B	P		BACKFILLED
	12:00 - 12:00	0.00	ABANDZ	53	F	P		PLACED MARKER BALL
	10:00 - 10:00	0.00	ABANDP	50				P&A'd OFFLINE. JSND.