

US ROCKIES REGION
Operation Summary Report

Well: HSR-WEST FARM 13-14A

Spud date: 2/18/2001

Project: COLORADO-WELD-NAD83-UTM13

Site: HSR-WEST FARM 13-14A

Rig name no.: BASIC 1662/1662

Event: WELL WORK EXPENSE

Start date: 1/5/2016

End date:

Active datum: RKB @4,801.99usft (above Mean Sea Level)

UWI: 0/3/N/67/W/14/0/SWSW/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
1/5/2016	11:30 - 13:30	2.00	MIRU	35	A	P		MIRU Summit slickline, fish and tag fill @ 7,708'(34' fill and 20' RH) RDMO Summit slickline
	13:30 - 15:00	1.50	MIRU	30	A	P		spot in base beam, pump, and tank, MIRU Basic # 1662 RU pump and hard lines
	15:00 - 16:30	1.50	WO/REP	30	E	P		check pressures, TP 420# CP 420# SCP 40# blow down and control well with 60 bbls bio water, 30 bbls down each side
	16:30 - 17:00	0.50	WO/REP	30	F	P		ND master valve NU BOPs, drain pump and lines, SWI SDFN
	17:00 - 18:00	1.00	WO/REP	30	G	P		crew travel back to yard
1/6/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		crew travel to location
	7:00 - 8:00	1.00	WO/REP	30	E	P		TP 200# CP 200# SCP 70# hold safety meeting, blow down, and control well W/ 40 bbls bio water, 20bbls down each side
	8:00 - 11:00	3.00	WO/REP	31	I	P		MIRU Prs EMI and tally out W/ 241 JTs(237 good JTs and 5 bad JTs) RDMO Prs
	11:00 - 12:30	1.50	WO/REP	31	I	P		PU RBP TIH set W/ 209 JTs @ 6,605'
	12:30 - 13:30	1.00	WO/REP	31	H	P		break circulation, roll hole for 45 min.
	13:30 - 14:00	0.50	WO/REP	52	G	P		PSI test RBP to 1,000# for 15 min. (GOOD TEST)
	14:00 - 15:30	1.50	WO/REP	31	I	P		TOOH LD reteaving head
	15:30 - 17:00	1.50	WO/REP	30	F	P		ND BOPs ND WH, unland CSG @ 90,000# NU drill flange, NU duel entry flange, NU BOPs, drain pump and lines, SWI SDFN.
	17:00 - 18:00	1.00	WO/REP	30	G	P		crew travel back to yard
1/7/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		crew travel to location
	7:00 - 8:00	1.00	WO/REP	30	E	P		SCP 10# warm up equipment, hold safety meeting, blow down surface CSG
	8:00 - 9:00	1.00	WO/REP	31	I	S		PU muel shoe TIH TBG stacked out W/ 26 JTs in @ 848'
	9:00 - 10:00	1.00	WO/REP	31	H	S		break circulation, condition hole for 1 hour (returns were thick)
	10:00 - 11:00	1.00	WO/REP	31	I	S		TIH TBG stacked out W/ 68 JTs in @ 2,217'
	11:00 - 12:00	1.00	WO/REP	31	H	S		break circulation, condition hole for 1 hour (returns were still thick, big gas kick 30 min. in to circulating)
	12:00 - 13:00	1.00	WO/REP	31	I	S		TIH TBG stacked out W/ 133 JTs in @ 4,336'
	13:00 - 14:00	1.00	WO/REP	31	H	S		break circulation, condition hloe for 1 hour (dehydrated mud returns)
	14:00 - 15:00	1.00	WO/REP	31	I	P		TIH W/ 151 JTs @ 4,947'
	15:00 - 18:00	3.00	WO/REP	31	H	P		pump mud thinner sweep, condition hole for 3 hours (returns more diluted after sweep)
	18:00 - 18:30	0.50	WO/REP	31	I	P		LD 10 JTs, drain pump and lines, SWI SDFN.
	18:30 - 18:30	0.00	WO/REP	30	G	P		crew travel back to yard
1/8/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		crew travel to location
	7:00 - 7:30	0.50	WO/REP	31	I	P		CP 0# SCP 0# warm up equipment, PU 5 JTs TIH EOT @ 4,753'
	7:30 - 8:30	1.00	WO/REP	31	H	P		brfeak circulation, roll hole untill cementers MIRU

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1/11/2016	8:30 - 11:00	2.50	WO/REP	51	B	P		MIRU Sanjel , hold safety meeting, pump 5 bbls fresh, 20 bbls SMS, 5 BBLS fresh, and 280 SX class "G" mixed @ 14.6 ppg and yield of 1.12 cu-ft/sk
	11:00 - 12:30	1.50	WO/REP	31	I	P		TOOH 31 JT pump 5 bbls to flush TBG leave 32 JTs @ 1,068'
	12:30 - 14:30	2.00	WO/REP	51	B	P		pump 160 SX "G" mixed 14.8 ppg and yield of 1.33 RDMO Sanjel
	14:30 - 16:00	1.50	WO/REP	31	I	P		TOOH LD all 1-1/4" TBG on float,ND BOPs ND duel entry flange
	16:00 - 17:00	1.00	WO/REP	30	F	P		reland CSG NU new 5K WH NU BOPs, drain pump and lines, SWI SDFN.
	17:00 - 18:00	1.00	WO/REP	30	G	P		crew travel back to yard
	6:00 - 7:00	1.00	WO/REP	30	G	P		crew travel to location
	7:00 - 9:00	2.00	WO/REP	46	C	W		CP 0# SCP 0# warm up equipment (had problems starting rig, and pump) had heater delivered
	9:00 - 11:00	2.00	WO/REP	34	I	P		MIRU Warrior, run CBL from 5,000' to surface, RDMOL Warrior
	11:00 - 11:30	0.50	WO/REP	52	G	P		MIRU Naill, PSI test CSG to 5,000# for 15 min. (GOOD TEST) RDMO Naill
	11:30 - 13:00	1.50	WO/REP	31	I	P		TIH W/ 209 JTs @ 6,605'
	13:00 - 13:45	0.75	WO/REP	31	H	P		break circulation, roll sand off RBP and release
	13:45 - 15:15	1.50	WO/REP	31	I	P		TOOH LD RBP
	15:15 - 17:45	2.50	WO/REP	31	I	P		PU XN Nipple NC and 241 JTs land well @ 7,627' KB broach to XN Nipple, ND BOPs NU top flange
	17:45 - 18:45	1.00	WO/REP	52	G	P		MIRU Naill PSI test WH to 5,000# for 15 min. (GOOD TEST) RDMO Naill, drain pump rack out lines hang sign,SWI SDFN.
	18:45 - 19:45	1.00	WO/REP	30	G	P		crew travel back to yard