

US ROCKIES REGION
Operation Summary Report

Well: FRANK 23-31		Spud date: 12/13/2006	
Project: COLORADO-WELD-NAD83-UTM13		Site: FRANK 14-31 PAD	
Event: WELL WORK EXPENSE		Start date: 3/3/2016	End date:
Active datum: RKB @4,942.00usft (above Mean Sea Level)		UWI: 0/4/N/67/W/31/0/SWSE/6/0/S/673.001346/W/0/2046.004092/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
3/3/2016	5:30 - 6:30	1.00	MIRU	53	B	P		TP900/CP900/SP50, MIRU FLARE EQUIP/PULL AUTOMATION
	6:30 - 11:00	4.50	WO/REP	53	B	P		BLOW DOWN SFC THROUGH FLARE TO 0 IN 10 MINUTES, BLOW DOWN CSG THROUGH FLARE TO 100#, BLOW DOWN TBG TO 100#, PUMPED 55 BBLs DOWN CSG, 25 BBLs DOWN TBG, WELL ON VAC
	11:00 - 11:30	0.50	RDMO	53	B	P		SWI, RDMO FLARE EQUIP
	14:00 - 16:30	2.50	MIRU	30	A	P		MIRU CONCORD 2. RU PUMP AND TANK. SDFN.
3/4/2016	16:30 - 17:00	0.50	MIRU	30	G	P		CREW TRAVEL
	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TRAVEL
	6:30 - 7:30	1.00	WO/REP	30	E	P		CONTROL WELL W/ 50 BBLs H2O W/ BIO
	6:30 - 6:30	0.00	WO/REP	52	G	P		SCP 250. BLEW DOWN IMMEDIATELY. LEFT VALVE OPEN DURING DAILY OPS WITH SLIGHT BLOW AND NO FLUIDS.
	7:30 - 8:30	1.00	WO/REP	30	F	P		INSPECT HYDRAULIC LINES AND FUNCTION TEST BOP. NDWH, NUBOP.
	8:30 - 11:30	3.00	WO/REP	31	I	P		RU PRS AND EMI TUBING ON TOOH. FOUND 200 GOOD JTS AND 33 BAD (RED) JTS.
	11:30 - 13:30	2.00	WO/REP	31	I	P		PU THUNDERBIRD 4-1/2" WLTC RBP. TIH AND SET RBP @ 6270' W/ 200 JTS.
	13:30 - 14:30	1.00	WO/REP	31	H	P		CIRCULATE GAS FROM WELL TO TEST RBP AND CASING
	14:30 - 15:00	0.50	WO/REP	33	C	P		TEST CASING TO 2000# FOR 15 MIN. NO LEAK OFF.
	15:00 - 17:00	2.00	WO/REP	31	I	P		SPOT 2 SX SAND ON RBP. TOOH W/ TBG AND LD RETRIEVING HEAD. SWI, SDFN.
3/7/2016	17:00 - 17:30	0.50	WO/REP	30	G	P		CREW TRAVEL
	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TRAVEL
	6:30 - 6:30	0.00	WO/REP	52	G	P		SCP 80. BLEW DOWN IMMEDIATELY, NO FLUIDS.
	6:30 - 9:00	2.50	WO/REP	30	F	P		NDBOP AND WH. PU 4-1/2" CSG SPEER. UNLAND 4-1/2" CSG @ 55,000#. NU DUAL ENTRY FLANGES AND BOP.
3/8/2016	9:00 - 13:00	4.00	WO/REP	31	I	P		PU 1-1/4" IJ TBG FROM TRAILER. TBG WAS FULL OF CEMENT. HAD TO HAMMER ON EVERY JT TO GET CMT OUT AND RABBIT TO GO THROUGH. STOP EVRY 500' TO PUMP SWEEP W/ DF 2020 MUD THINNER.
	13:00 - 17:00	4.00	WO/REP	31	H	P		CIRCULATE AND CONDITION WELL FOR 4 HRS. PUMPING 2 BPM @ 1400 PSI. WITH FULL RETURNS. SWI, SDFN.
	17:00 - 17:30	0.50	WO/REP	30	G	P		CREW TRAVEL
3/8/2016	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TRAVEL
	6:30 - 6:30	0.00	WO/REP	52	G	P		SCP 0. NO GAS OR FLUIDS
	6:30 - 9:30	3.00	WO/REP	31	H	P		ESTABLISH CIRCULATION TO SURFACE FROM 1207' @ 2 BPM @ 1400 PSI FOR 2 HRS. THEN PUMP 60 BBLs OF 10# MUD FROM ARF.

US ROCKIES REGION
Operation Summary Report

Well: FRANK 23-31

Spud date: 12/13/2006

Project: COLORADO-WELD-NAD83-UTM13

Site: FRANK 14-31 PAD

Rig name no.: CONCORD 2/2

Event: WELL WORK EXPENSE

Start date: 3/3/2016

End date:

Active datum: RKB @4,942.00usft (above Mean Sea Level)

UWI: 0/4/N/67/W/31/0/SWSE/6/0/S/673.001346/W/0/2046.004092/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	9:30 - 11:30	2.00	WO/REP	51	C	P		HELD PRE JOB SAFTEY MEETING WITH SANJEL. RU SANJEL , TEST LINES TO 2500#. PUMP 10 BBLS H2O, THEN MIX AND PUMP 170 SX OF TYPE III CEMENT @ 14.8 PPG. DISPLACE W/ 1.5 BBLS H2O. RD CEMENTERS
	11:30 - 12:00	0.50	WO/REP	31	I	P		TOOH AND LD 37 JTS OF 1-1/4" IJ TBG ON TRAILER
	12:00 - 13:30	1.50	WO/REP	30	F	P		NDBOP AND DUAL ENTRY EQUIPMENT. RELAND 4-1/2" CASING IN SLIPS @ 82,000#. NU REFURBISHED 4 PIN 5K 4-1/2" WH AND BOP. SWI, SDFN.
	13:30 - 14:00	0.50	WO/REP	30	G	P		CREW TRAVEL
3/9/2016	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TRAVEL
	6:30 - 9:00	2.50	WO/REP	41	A	P		RU WARRIOR WIRELINE. RIH W/ CBL TOOLS. LOG FROM RBP @ 6270 TO SURFACE. SHOWED GOOD CMT FROM 1210' TO 469' FROM ANNUALR FILL JOB. RD WIRELINE.
	6:30 - 6:30	0.00	WO/REP	52	G	P		SCP 0. LEFT VALVE OPEN DURING DAIL OPS. NO GAS OR FLUIDS
	9:00 - 11:00	2.00	WO/REP	31	I	P		TIH W/ RETRIEVING HEAD AND 2-3/8" TBG. TAG @ 7260'
	11:00 - 12:30	1.50	WO/REP	31	H	P		ESTABLISH CIRCULATION AND CLEAN SAND OFF OF RBP TO 6270'
	12:30 - 14:00	1.50	WO/REP	31	I	P		RELEASE AND TOOH W/ THUNDERBIRD 4-1/2" RBP AND 2-3/8" TBG.
	14:00 - 16:00	2.00	WO/REP	31	I	P		TIH W/ NC, XN AND 2-3/8" 4.7# J-55 TBG. TAG FILL @ 7354' (CODELL PERFS 7344-7364)
	16:00 - 17:30	1.50	WO/REP	31	H	P		ESTABLISH CIRCULATION AND CLEAN WELL TO PB @ 7499'. LD 6 JTS OF TBG. BROACH TBG TO SN @ 7320' W/ 1.91" BROACH. NDBOP, NU NEW 5K FLANGED TBG HEAD ADAPTER, NEW 5K TBG MANDREL, NEW NIPPLES AND 5K CSG VALVES. LAND WELL @ 7320' W/ 233 JTS. SWI, SDFN.
	17:30 - 18:00	0.50	WO/REP	30	G	P		CREW TRAVEL
3/10/2016	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TRAVEL
	6:30 - 6:30	0.00	WO/REP	52	G	P		SCP 0. NO GAS OR FLUIDS
	6:30 - 8:30	2.00	WO/REP	33	D	P		RU MATCO TO TORQUE AND TEST WH. MASTER VALVE WAS LEAKING FROM STEM. GREASE VALVE AND RETEST, VALVE STILL LEAKING. CONTACT NATE NAILL. HE SENT CRAIG LIPPET TO REPACK MASTER VALVE.
	8:30 - 9:00	0.50	WO/REP	46	F	P		WAIT ON NATE NAILL SERVICES
	9:00 - 10:30	1.50	WO/REP	33	D	P		REPACK MASTER VALVE WITH 7 PIECES OF PACKING. TEST WH TO 5000# FOR 15 MIN. NO LEAK OFF
	10:30 - 11:00	0.50	WO/REP	30	H	P		CLEAN LOCATION AND RDMO CONCORD 2