

US ROCKIES REGION
Operation Summary Report

Well: HSR-CANNON LAND 6-3A

Spud date: 10/21/2000

Project: COLORADO-WELD-NAD83-UTM13

Site: HSR-CANNON LAND 6-3A

Rig name no.: ENSIGN 319/319

Event: WELL WORK EXPENSE

Start date: 3/20/2018

End date: 3/28/2018

Active datum: RKB @4,985.99usft (above Mean Sea Level)

UWI: 0/2/N/66/W/3/0/NWSE/6/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/9/2017	13:00 - 14:00	1.00	MAINT	53	B	P		FORM 17 TEST AND SAMPLE
11/28/2017	7:00 - 9:00	2.00	LOCPRP					INSTALL STRING FENCE.
3/20/2018	14:00 - 15:00	1.00	LOCPRP	46	F	P		WAITING FOR LOCATION TO BE FENCED.
	15:00 - 16:30	1.50	MIRU	30	A	P		MIRU ENSIGN 319, RIG UP PUMP & TANKS.
	16:30 - 17:00	0.50	WO/REP	30	G	P		CREW TRAVEL TO YARD.
	12:00 - 14:00	2.00	LOCPRP					INSTALLED STRING FENCING AROUND WELLHEAD 100' ON EACH SIDE
3/21/2018	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	6:30 - 7:00	0.50	WO/REP	30	M	P		START UP EQUIPMENT. TAILGATE JSA MEETING.
	7:00 - 8:15	1.25	WO/REP	33	F	P		INITIAL WELL PRESSURES @: 550PSI P-TBG 600PSI P-CSG 600PSI S-CSG BLED WELL DOWN TO 150PSI. BLED BRADENHEAD PSI TO TANK LEFT VALVE OPEN THROUGH OUT THE DAY TO MONITOR PRESSURE.
	8:15 - 8:45	0.50	WO/REP	30	E	P		CONTROLLED WELL PUMPING 30/40BBS.
	8:45 - 9:00	0.25	WO/REP	30	F	P		ND WELL LUBRICATOR, ORBIT VALVE & TOP COMPANION FLANGE. NU RIG 5K BOP. WORK FLOOR. 2.375" TBG EQUIP.
	9:00 - 11:30	2.50	WO/REP	31	I	P		UNLANDED TBG @ 50K PULL. RU EMI TESTING EQUIP. TOOH EMI'D 248JTS 2.375" TBG, 7850'MD.
	11:30 - 13:00	1.50	WO/REP	46	E	P		WITING ON WL.
	13:00 - 13:30	0.50	WO/REP	34	1	P		JSA MEETING.
	13:30 - 14:30	1.00	WO/REP	34	O	P		MIRU PIONEER WL. PU RIH 3.75" GR. STACKED OUT GR @ 7860' MD.
	14:30 - 16:00	1.50	WO/REP	31	I	S		TIH 4.5" BIT & SCRAPER ON 2.375" TBG TO 7860'MD, STACKED OUT ON "FILL". ATTEMPT TO ROTATE TBG, TBG TORQUED UP.
	16:00 - 17:00	1.00	WO/REP	31	I	P		TOOH SB 90 JTS 2.375" TBG. 158JTS LEFT IN WELL.
	17:00 - 17:15	0.25	WO/REP	30	K	P		SHUT IN & SECURED WELL. DRAINED EQUIP.
	17:15 - 18:00	0.75	WO/REP	30	G	P		CREW TRAVEL TO YARD.
3/22/2018	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	6:30 - 7:00	0.50	WO/REP	30	M	P		START UP EQUIP. JSA MEETING.
	7:00 - 7:30	0.50	WO/REP	33	F	P		INITIAL WELL PRESSURES: 500PSI P-TBG 500PSI P-CSG 300PSI S-CSG BLED DOWN WELL TO TANKS.

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	7:30 - 8:00	0.50	WO/REP	30	E	P		CONTROLLED WELL PUMPING FRESH WATER W/BIO 20/30BBLs.
	8:00 - 9:00	1.00	WO/REP	31	I	P		TOOH SB 158JTS 2.375" TBG, LD BIT & SCRAPER.
	9:00 - 11:30	2.50	WO/REP	46	A	P		WAITING ON APC ORDERS
	11:30 - 12:00	0.50	WO/REP	30	M	P		RU HYDROTESTER
	12:00 - 12:30	0.50	WO/REP	31	I	P		TIH H-TESTING 30JTS 2.375" TBG TO 3K, ALL TBG TESTED GOOD.
	12:30 - 12:45	0.25	WO/REP	31	I	P		TOOH SB 30JTS TBG
	12:45 - 13:00	0.25	WO/REP	34	I	P		MIRU WL, JSA MEETING.
	13:00 - 13:30	0.50	WO/REP	34	I	P		PU RIH 4.5" CIBP & SET @ 6710' MD
	13:30 - 14:00	0.50	WO/REP	31	H	P		LOADED & PRESSURE TESTED WELL TO 1000PSI, PRESSURE HELD. 90BBLs TO LOAD WELL.
	14:00 - 14:30	0.50	WO/REP	34	H	P		PU RIH 2-1"PERF GUNS. GUNS ARMED 3SPF/.5"/120" BOTTOM HOLES @ 1400' TOP HOLES @ 861'
	14:30 - 15:15	0.75	WO/REP	31	I	P		TIH 4.5" CIRC ON 29JTS 2.375" TBG. SET CIRC @ 913' MD.
	15:15 - 17:00	1.75	WO/REP	31	H	P		ESTABLISHED CONVENTIONAL CIRC. CIRCULATED ALL GAS FROM WELL. CIRCULATED BOTH THROUGH SURFACE CSG & TOP SQUEEZE HOLES. 60BBLs TO LOAD WELL. CIRCULATED 200BBLs TOTAL VOLUME.
	17:00 - 17:30	0.50	WO/REP	30	K	P		SHUT IN 7 SECURED WELL. DRAINED UP EQUIP.
	17:30 - 18:00	0.50	WO/REP	30	G	P		CREW TRAVEL TO YARD.
3/23/2018	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TRAVEL TO LOCATION.
	6:30 - 7:00	0.50	WO/REP	30	M	P		JSA MEETING, START UP EQUIPMENT.
	7:00 - 8:00	1.00	WO/REP	31	H	P		ESTABLISHED CIRC. CIRC P-CSG & S-CSG CLEARED OF GAS
	8:00 - 8:30	0.50	WO/REP	51	E	P		JSA MEETING. MIRU CMT EQUIP. PULLED ON CHEMICALS TO TRUCK
	8:30 - 9:30	1.00	WO/REP	51	D	P		LOADED & PRESSURE TESTED LINES TO 2000PSI, PRESSURE HELD. PUMPED FH CMT SQUEEZE. SLB TXI CMT. 10BBLs SMS 10BBLs FRESH WATER 230SKS @ 1.15 YIELD 47BBLs @ 14 PPG 5.363 GPS .5BBL DISPLACEMENT 1400' BOC 720' TOC 3BBLs CMT LEFT ON TOP OF CIRC
	9:30 - 9:45	0.25	WO/REP	31	I	P		STUNG OUT OF CIRC. SLOWLY PULLED OUT OF CMT. TOOH LD 8JTS 2.375" TBG
	9:45 - 10:15	0.50	WO/REP	31	H	P		RU CMT LINE ONTO WELL. CIRCULATED WELL & EQUIPMENT CLEAN.

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3/26/2018	10:15 - 10:45	0.50	WO/REP	31	I	P		TOOH LD 1JT, SB 20JTS 2.375" TBG
	10:45 - 12:00	1.25	WO/REP	30	F	P		RD WORK FLOOR & TBG EQUIPMENT. ND BIRD BATH. NU ANNULAR BAG. RU WORK FLOOR AND TBG EQUIPMENT. SPOT IN BHS TRAILER & TBG SWIVEL.
	12:00 - 13:00	1.00	WO/REP	55	A	P		REPLACED TBG & CSG HEAD VALVES AND FITTINGS.
	13:00 - 13:30	0.50	WO/REP	30	K	P		DRAINED ALL EQUIPMENT. SHUT IN & SECURED WELL.
	13:30 - 14:00	0.50	WO/REP	30	G	P		CREW TRAVEL TO YARD.
	6:00 - 6:30	0.50	WO/REP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	WO/REP	48	B	P		JSA MEETING
	7:00 - 9:00	2.00	WO/REP	31	I	P		PU ROLLERCON, 4 DRILL COLLARS AND 20 JTS TBG, TIH AND TAG CEMENT
	9:00 - 10:00	1.00	WO/REP	44	A	P		BEGIN MILLING OUT CEMENT, DRILLING TOO FAST, RETURNS RE GREEN CEMENT, SD CALL ENGINEER
	10:00 - 10:30	0.50	WO/REP	31	H	P		CIRC WELLBORE CLEAN, SECURE WELL,
	10:30 - 12:00	1.50	WO/REP	30	I	P		DRAIN PUMP AND LINES, DO REGULAR RIG MAINTENECE. SDFD
	12:00 - 12:30	0.50	WO/REP	30	G	P		DRIVE TO SHOP
	6:00 - 6:30	0.50	ABANDP	30	G	P		TRAVEL TO LOCATION
	6:30 - 7:00	0.50	ABANDP	48	B	P		JSA MEETING
3/27/2018	7:00 - 8:30	1.50	ABANDP	44	A	P		RIH AND MILL OUT 10' OF CEMENT, STOP AND CIRC WHILE WAITING ON INSTRUCTIONS
	8:30 - 9:00	0.50	ABANDP	46	A	P		WAIT ON ORDERS FROM ENGINEERING
	9:00 - 16:00	7.00	ABANDP	44	A	P		RESUME MILLING CEMENT @ 750'
	16:00 - 17:00	1.00	ABANDP	52	F	P		PERFORM PT ON PERF, LOSE 50 PSI IN 15 MIN, SECURE WELL, SDFD
	17:00 - 17:30	0.50	ABANDP	30	I	P		DRAIN PUMP AND LINES, SECURE WELL, SDFD
	17:30 - 18:00	0.50	ABANDP	30	G	P		TRAVEL TO SHOP