

US ROCKIES REGION
Operation Summary Report

Well: **HENDERSON 41-04**

Spud date: 12/30/1971

Project: COLORADO-WELD-NAD83-UTM13

Site: HENDERSON 41-04

Rig name no.: BASIC 1549/1549, TR DENNER 6/6

Event: WELL WORK EXPENSE

Start date: 2/11/2016

End date:

Active datum: RKB @4,781.99usft (above Mean Sea Level)

UWI:

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
2/10/2016	13:30 - 14:30	1.00	MIRU	53	B	P		TP100/CP500/SP10, MIRU FLARE EQUIP/PULL AUTOMATION
	14:30 - 19:00	4.50	WO/REP	53	B	P		BLOW DOWN CSG THROUGH FLARE TO 100#, BLOW DOWN TB G TO 100#, BLOW DOWN SFC TO 0# IN 5 SECONDS, RECEIVED 4 GALLONS WATER FROM SFC, PUMPED 55 BBLs DOWN CSG, 25 BBLs DOWN TBG, WELL ON VAC
	19:00 - 19:30	0.50	RDMO	53	B	P		SWI, RDMO FLARE EQUIP
2/11/2016	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TO LOC
	6:30 - 8:30	2.00	WO/REP	30	G	P		ROAD EQUIP TO LOC
	8:30 - 12:00	3.50	WO/REP	30	A	P		MIRU BASIC 1549 W/ PUMP AND WORK TANKS
	12:00 - 12:30	0.50	WO/REP	30	E	P		CHECK PRESSURE TBG/CSG=0 SC=10 OPEN WELL TO TANK TO ENSURE DEAD BULL HEAD 10 BBLs FRESH WATER W/ BIO DOWN TBG AND 10 DOWN CSG BOTH ON VAC
	12:30 - 13:00	0.50	WO/REP	30	F	P		NDWH NUBOP W/ FUNCTION TESTED 2.375 PIPE RAMS AND BLIND RAMS
	13:00 - 15:00	2.00	WO/REP	31	I	P		EMI PROD TBG FOUND NO BAD TBG
	15:00 - 15:30	0.50	WO/REP	30		P		SECURE WELL W/ SHUT AND LOCKED BLIND RAMS DRAIN EQUIP SDFN
	15:30 - 16:00	0.50	WO/REP	30	G	P		CREW TO YARD
	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TO LOC
2/12/2016	6:30 - 7:00	0.50	WO/REP	30		P		SAFETY MEETING START EQUIP
	7:00 - 9:00	2.00	WO/REP	31	I	P		TIH W/ RBP SET W/ 212 JNTS @ 6500'
	9:00 - 10:00	1.00	WO/REP	31	H	P		CIRCULATE GAS FROM WELL BORE
	10:00 - 10:30	0.50	WO/REP	52	G	P		PRESSURE TEST CSG/RBP TO 1000# W/ RIG PUMP GOOD TEST
	10:30 - 12:30	2.00	WO/REP	31	I	P		SPOT SAND ON RBP TOOH W/ RETRIEVING HEAD STANDING TBG BACK
	12:30 - 15:00	2.50	WO/REP	30	F	P		NDBOP NDWH SPEAR AND UNLAND PROD CSG @ 60000# PULL FOUND SURFACE HEAD LOOSE MADE 4 ROUNDS TO TIGHTEN (THREADS IN GOOD SHAPE), NU DUAL ENTRY EQUIP, NUBOP W/ FUNCTION TESTED 1.66" PIPE RAMS AND BLIND RAMS
	15:00 - 15:30	0.50	WO/REP	30		P		SECURE WELL AND LOC DRAIN EQUIP
	15:30 - 16:00	0.50	WO/REP	30	G	P		CREW TO YARD
	6:30 - 7:00	0.50	WO/REP	30	G	P		CREW TO LOC
2/16/2016	7:00 - 7:30	0.50	WO/REP	30		P		SAFETY MEETING START EQUIP
	7:30 - 11:30	4.00	WO/REP	31	I	P		TIH W/ 1.66" WORK STRING HIT NOTHING ON TIH nO HARD SPOTS AT ALL
	11:30 - 16:30	5.00	WO/REP	31	H	P		C&CH W/ TWO ALCOMER SWEEPS GETTING FULL RETURNS W/ LITE SOLIDS IN RETURNS. AIR=1.75 BPM, AIP=1000 PSI
	16:30 - 17:00	0.50	WO/REP	30		P		SECURE WELL W/ SHUT AND LOCKED PIPE RAMS, DRAIN PUMP AND LINES SDFN
	17:00 - 17:30	0.50	WO/REP	30	G	P		CREW TO YARD
	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TO LOC

US ROCKIES REGION
Operation Summary Report

Well: HENDERSON 41-04

Spud date: 12/30/1971

Project: COLORADO-WELD-NAD83-UTM13

Site: HENDERSON 41-04

Rig name no.: BASIC 1549/1549, TR DENNER 6/6

Event: WELL WORK EXPENSE

Start date: 2/11/2016

End date:

Active datum: RKB @4,781.99usft (above Mean Sea Level)

UWI:

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	6:30 - 7:00	0.50	WO/REP	30		P		SAFETY MEETING START EQUIP
	7:00 - 8:15	1.25	WO/REP	31	H	P		C&CH W/ RIG PUMP WHILE RIGGING IN CEMENTERS
	8:15 - 9:45	1.50	WO/REP	51	C	P		PUMP SUSSEX ANNULAR FILL AS FOLLOWS: 5 BBLS FRESH WATER, 20 BBLS SMS, 5 BBLS FRESH, 420 SX (83.3 BBLS) "G" 14.6 PPG, 1.12 YIELD CEMENT, 6 BBLS FRESH. AIR=1.4 BPM, AIP=1900 PSI, ISIP=0
	9:45 - 11:00	1.25	WO/REP	31	I	P		TOOH W/ 1.66" WORK STRING LAYING DOWN ON TRAILER W/ 115 JNTS LEAVING 26 JNTS AND EOT @ 841'
	11:00 - 12:00	1.00	WO/REP	51	C	P		PUMP FOXHILL ANNULAR FILL AS FOLLOWS: 5 BBLS FRESH, 10 BBLS SAP, 5 BBLS FRESH, 310 SX (73.4 BBLS) TYPE 3, 14.8 PPG, 1.33 YIELD CEMENT, 1 BBLS FRESH. AIR=1.5 BPM, AIP=550 PSI, ISIP=0 PSI (NOTE GOT APPROX 5 BBLS BACK TO SURFACE)
	12:00 - 12:45	0.75	WO/REP	31	I	P		TOOH W/ WORK STRING LAYING DOWN ON TRAILER
	12:45 - 14:15	1.50	WO/REP	30		P		NDBOP ND DUAL ENTRY EQUIP SPEAR AND RELAND PROD CSG @ 65000# W/ SLIPS IN SURFAC CSG HEAD. NU 5KWH NUBOP W/ FUNCTION TESTED 2.375" PIPE RAMS
	14:15 - 14:30	0.25	WO/REP	30		P		SWI W/ CLOSED AND LOCKED BLIND RAMS, DRAIN PUMP AND LINES.
	14:30 - 15:00	0.50	WO/REP	30	G	P		CREW TO YARD
2/18/2016	6:00 - 6:30	0.50	WO/REP	30	G	P		CREW TO LOC
	6:30 - 7:00	0.50	WO/REP	30		P		SAFETY MEETING START EQUIP
	7:00 - 8:30	1.50	WO/REP	41	A	P		RUN CBL FROM 6205-SURFACE TOC=37'
	8:30 - 10:00	1.50	WO/REP	31	I	P		TIH W/ RETRIEVING HEAD TAG SAND ON RBP
	10:00 - 10:30	0.50	WO/REP	31	H	P		REVERSE CIRCULATE SAND OFF RBP LATCH ON TO TOOL RELEASE RBP
	10:30 - 12:00	1.50	WO/REP	31	I	P		TOOH WW/ RBP LD TOOL
	12:00 - 13:30	1.50	WO/REP	31	I	P		TIH W/ NC XN NIPPLE W/ 224 JNTS 2.375 PROD TBG LAND @ 6895' W/ XN NIPPLE AND NC
	13:30 - 14:00	0.50	WO/REP	30		P		BROACH TBG TO XN NIPPLE W/ 1.90 BROACH
	14:00 - 14:15	0.25	WO/REP	30		P		NDBOP NUWH
	14:15 - 14:45	0.50	WO/REP	52	G	P		TORQUE AND TEST WELL HEAD TO 5000# GOOD TEST
	14:45 - 15:30	0.75	WO/REP	30	H	P		INSTALL PLUGS, HANG SIGN, RD PREPARE TO MOVE
	15:30 - 16:00	0.50	WO/REP	30	G	P		CRWE TO YARD
2/24/2016	6:00 - 7:00	1.00	MIRU	42	B	P		MIRU Denner 6
	7:00 - 11:00	4.00	WO/REP	46	E	Z		WAIT ON FB TANK
	11:00 - 12:00	1.00	WO/REP	42	B	P		BROACH
	12:00 - 17:00	5.00	WO/REP	42	B	P		SWAB
	17:00 - 18:00	1.00	WO/REP	42	B	P		SDFN
2/25/2016	6:00 - 7:00	1.00	WO/REP	42	B	P		CT
	7:00 - 9:00	2.00	WO/REP	42	B	P		swab, flow
	9:00 - 9:30	0.50	RDMO	42	B	P		RDMO Denner 6