

US ROCKIES REGION
Operation Summary Report

Well: **DUNKLEE #1**

Spud date: 2/19/1984

Project: COLORADO-LARIMER-NAD83-UTM13

Site: DUNKLEE #1

Rig name no.: ENSIGN 122/122

Event: RE ENTER

Start date: 2/10/2020

End date: 2/24/2020

Active datum: RKB @4,961.00usft (above Mean Sea Level)

UWI: SE/SE/0/5/N/68/W/21/0/0/6/PRIME/S/660.00/E/0/660.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
1/13/2020	8:00 - 12:00	4.00	SURFPR	53		P		LONE TREE SERVICES HYDROVAC TO CONFIRM WELL.
	12:00 - 18:00	6.00	SURFPR	53		P		LT HAUL IN AND USE BACKHOE TO SET CULVERT AT ENTRANCE AND FILL IN DITCH WITH ROADBASE. USE 490 EXCAVATOR TO REMOVE DEAD TREES, EXCAVATE AND EXPOSE WELL FOR WELDER. USED BACKHOE TO SET AND INSTALL 15"x80' CULVERT AT ENTRANCE. SIDE DUMP AND TANDEMS HAUL IN ROADBASE AND SCREENED TOPSOIL. HEAVY HAUL TRUCKS USE 966 LOADER AT MAT FARM AND LOAD OUT 10 RIG MATS, 2 HEAVY HAUL TRUCK BRING LOADER AND MATS, UNLOAD AND SET MATS. HEAVY HAUL TRUCKS HAUL OUT LOADER AND EXCAVATOR. WELDER WELD ON O-LET AND HOT TAP WELL. LONE TREE HAULED IN 74.7 TONS OF ROAD BASE FROM VARRA. 21.69 TONS OF SCREENED TOPSOIL FROM BRANNAN AGGREGATE. TANDEM HAUL 1 LOAD, 3.53 TONS OF DEAD TREES / DEBRIS TO AULT LANDFILL.
1/14/2020	7:00 - 14:00	7.00	SURFPR	53		P		WELDER AND HELPER CUT 8-5/8" CASING TO SIZE. WELD ON SLIP X SLIP COLLAR. INSTALL W92. WELD ON PUP SUB TO CASING. LET COOL. RDMO.
	7:00 - 17:00	10.00	SURFPR	53		P		LONE TREE SERVICES INSTALL A STRING FENCE DOWN LEASE ROAD AND AROUND LOCATION. USE BACKHOE TO HELP WELDER SET WELLHEAD, SET CELLAR, BACKFILL COMPACT. USED MORE LOADS OF SCREENED TOPSOIL TO FILL IN DITCHES. LOAD OUT TANDEM WITH MORE DEBIS.
1/30/2020	7:00 - 17:00	10.00	SURFPR	53		P		OPEN RANGE, LONE TREE, BWI, HAUL BALES FROM SNAKE PIT STOCK PILE, LONE TREE AND OPEN RANGE USE SKID STEERS TO PLACE BALES FOR SOUND AND VISUAL MITIGATION.
1/31/2020	7:00 - 15:00	8.00	SURFPR	53		P		BENTLY WELDING USE 2 TRUCKS WITH GOOSE NECK TRAILERS TO HAUL STRAW BALES FROM SNAKE PIT STOCK PILE TO LOCATION.
2/6/2020	7:00 - 12:00	5.00	SURFPR	53		P		LONE TREE SERVICES HAD TO WIDEN ENTRANCE PER ENSIGN 122. MOVE BALES AND RIG MATS, STRING FENCE.
2/10/2020	7:00 - 21:00	14.00	REE	01	B	P		MIRU ENSIGN 122 & ALL EQUIPEMENT
	21:00 - 22:30	1.50	REE	14	A	P		NIPPLE UP BOP
	22:30 - 0:00	1.50	REE	14	B	P		TEST BOP BLIND, PIPE RAMS, CHOKE MANIFOLD, KILL LINE, TIW & DART VALVE TO 3000 HIGH FOR 15 MINS, 250 LOW FOR 5 MINS, ANNULAR TO 1500 HIGH FOR 15 MINS, 250 LOW FOR 5 MINS, CASING 500 PSI. FOR 15 MINS
2/11/2020	0:00 - 2:00	2.00	REE	14	B	P		FINISH TESTING BOP & CASING
	2:00 - 3:00	1.00	REE	06	A	P		STRAP BHA, INSTALL ROTATING HEAD, TAG CMT @13'

US ROCKIES REGION
Operation Summary Report

Well: DUNKLEE #1

Spud date: 2/19/1984

Project: COLORADO-LARIMER-NAD83-UTM13

Site: DUNKLEE #1

Rig name no.: ENSIGN 122/122

Event: RE ENTER

Start date: 2/10/2020

End date: 2/24/2020

Active datum: RKB @4,961.00usft (above Mean Sea Level)

UWI: SE/SE/0/5/N/68/W/21/0/0/6/PRIME/S/660.00/E/0/660.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	3:00 - 9:30	6.50	REE	03	E	P		DRILL CMT. F/ 13' TO 75' WASH & REAM TO NEXT PLUG @ 186' DRILL CMT. F/ 186' TO 205' WASH & REAM CONTINUE WASHING DOWN CIRCULATE BOTTOMS UP EVERY 1000' WE GOT TO 2048' ADR BLEW FUSE.
	9:30 - 10:30	1.00	REE	03	E	Z		RIG BROKE DOWN BLEW FUSE CIRULATE WELL.
	10:30 - 0:00	13.50	REE	03	E	P		CONTINUE WASHING DOWN GOT TO 4000' GOT PERFORM BOP DRILL. STICKY START WASHING DOWN & CIRCULATING BOTTOMS UP EVERY 500' TO 6250'
2/12/2020	0:00 - 0:30	0.50	REE	03	E	P		FINISH WASHING TO 6322' TAGGED UP ON PLUG
	0:30 - 2:00	1.50	REE	05	F	P		CIRC. HOLE @ 480 BPM. SHAKERS CLEAN, FLOW CHECK - NO FLOW
	2:00 - 3:30	1.50	REE	22	A	X		PUMPED OUT 1 JT. ATTEMPTED TO PULL 2ND JT WITHOUT PUMP, WORK TIGHT HOLE, HOLE WAS PACKED OFF, WORKED FREE, REGAINED CIRC. CIRC. BTMS UP. GOT SOME DEBRIS OVER SHAKERS, RAGS, PLASTIC
	3:30 - 8:00	4.50	REE	06	A	P		PUMP 36 JTS. OUT OF THE HOLE, TRIP OUT OF THE HOLE, L/D BIT & BIT SUB
	8:00 - 8:30	0.50	REE	07	A	P		KILL HPU SERVICE RIG.
	8:30 - 13:30	5.00	REE	06	C			TIH WASHING DOWN HIT SPOT @5674' HAD TO WASH DOWN TO BOTTOM EODP @6206' w/ 139jnt's 4.5" DP. LAST 1000' GOING BACK IN AFTER TAKING 7 7/8" BIT OFF & GOING IN W/ DP SEEMED AS IF THE HOLE SLUFT OFF OD OF TOOL JOINT 6.25" HAD TO WASH DP DOWN.
	13:30 - 14:30	1.00	REE	05	F	P		CIRCULATE 1.5 HOLE VOLUME 14.5bbl's/min @ 1242psi TOTAL OF 376bbl's. OH VOLUME=252bbl's REUTRONS SHALE CLEANED UP
	14:30 - 16:00	1.50	REE	05	E	P		PER JOSH PUMP DIE PUMPED 1268bbl's SHAKERS CLEANED UP NO DIE CALL JOSH PROCEED.
	16:00 - 18:30	2.50	REE	10	C	P		MIRU CORE-TECH SLICKLINE RIH GYRO WELL TO 6100'. POOH CHECK GYRO. EMAIL TO APC RDMO CORE-TECH SLICKLINE
	18:30 - 0:00	5.50	REE	10	C	Z		SCREW INTO STRING & MAKE SURE DRILL STRING IS FREE.
								HAD SOME ODD SURVEYS F/ 2300' TO 2500' & 4600' TO 4800' RIG SLICK LINE BACK UP & RUN GYRO TO 6100' FOR VERIFICATION, RDMO CORE TECH SLICKLINE
2/13/2020	0:00 - 2:30	2.50	REE	12	G	P		HELD PJSM W/ NEXTIER & RIG CREW, R/U, PRIME TRUCK FOUND ICE PLUG AT END OF PUMP TRUCK, RAN STEAM GOT THAWED, PUMP 10 WATER AHEAD, 5 BBL. SAP, 10 BBL SPACER, 180 SKS. 48.7 BBL'S. 15.8# 1.52 YIELD, 6.19 GALS. PER SK. CLASS G CMT. DISPLACE W/ 78 BBL'S. WATER, RDMO CEMENTERS, ETOC @ 5802'
	2:30 - 7:30	5.00	REE	06	C	P		L/D 17 JTS. 4 1/2" DP, CIRC. TO ENSURE NO CMT. IN STRING, HOLE PACKED OFF, OVER PULL 80K TRIPPING OUT, ATTEMPT TO CIRC. EVERY 5 JTS. FILLING BACK SIDE EACH TIME. TOOHD LD DP. WE HAD 1jnt PLUGGED WITH CEMENT JNT NUMBER 7 WAS PLUGGED.

US ROCKIES REGION
Operation Summary Report

Well: DUNKLEE #1

Spud date: 2/19/1984

Project: COLORADO-LARIMER-NAD83-UTM13

Site: DUNKLEE #1

Rig name no.: ENSIGN 122/122

Event: RE ENTER

Start date: 2/10/2020

End date: 2/24/2020

Active datum: RKB @4,961.00usft (above Mean Sea Level)

UWI: SE/SE/0/5/N/68/W/21/0/0/6/PRIME/S/660.00/E/0/660.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:30 - 9:30	2.00	REE	05	C	P		CIRCULATE TO CLEAN 7jnt's TIH TO 1100' CIRCULATE 2 HOLE VOLUMES TO MAKE SURE CEMENT WAS OUT OF HOLE.
	9:30 - 11:30	2.00	REE	06	C	P		CONTINUE TIH TO 4288'.
	11:30 - 12:30	1.00	REE	05	C	P		CIRC 260bbl's 1.5 TIMES HOLE VOLUME.
	12:30 - 13:30	1.00	REE	11	B	P		MIRU CORE-TECH WL RIH TAG TOC @5248' CALL OXY (JOSH) GOOD TAG. POOH RDMO CORE-TECH SLICKLINE.
	13:30 - 14:00	0.50	REE	05	J	P		MONITOR WELL FOR FLUID/GAS MIGRATION PER COA STEP 15. NO FLOW WELL STATIC
	14:00 - 15:30	1.50	REE	12	G	P		HELD PJSM W/ NEXTIER & RIG CREW, R/U, PUMP 10 WATER AHEAD, 5 BBL. SAP, 10 BBL SPACER, 115 SKS. 48.54 BBLs. 12ppg SUSSEX BLEND 2.41 YIELD, 13.93 GALS. PER SK.. DISPLACE W/ 52 BBLs. WATER, RDMO CEMENTERS, ETOC @ 3860'
	15:30 - 17:30	2.00	REE	06	C	P		PUH LD 86jnt's DP @446' W/ 10jnt's DP.
	17:30 - 18:30	1.00	REE	05	C	P		CIRCULATE HOLE WAIT ON CEMENT.
	18:30 - 20:00	1.50	REE	11	B	P		MIRU CORE-TECH SLICKLINE RIH TAG @ 930' POOH.R/D
	20:00 - 20:30	0.50	REE	06	F	X		P/U 13 JTS. 4 1/2" DRILL PIPE RIH TO 982' DIDNT SEE ANYTHING ON TRIP IN
	20:30 - 21:30	1.00	REE	11	B	P		R/U CORE TECH SLICKLINE RIH TAG @ 1450' POOH, RDMO
	21:30 - 22:00	0.50	REE	06	F	X		P/U 12 JTS. 4 1/2" DRILL PIPE RIH TO 1516' SAW SMALL BRIDGE @ 1470' & FELL THROUGH
	22:00 - 23:00	1.00	REE	21	E	X		WAIT ON NIGHT CREW FOR SLICK LINE, DAY CREW OUT OF HRS.
	23:00 - 0:00	1.00	REE	11	B	P		MIRU CORE TECH SLICKLINE RIH TAG @ 1513'
2/14/2020	0:00 - 0:30	0.50	REE	11	B	P		POOH R/D SLICK LINE
	0:30 - 1:00	0.50	REE	05	F	P		MAKE SURE DP IS CLEAR, CIRC. BTMS. UP @ 1516' DUE TO SLICKLINE TAGGING UP INSIDE DP
	1:00 - 2:00	1.00	REE	11	B	P		R/U CORE TECH SLICKLINE, RIH TAGGED UP @ 1523' POOH RDMO CORE TECH SLICKLINE
	2:00 - 4:30	2.50	REE	06	F	P		P/U 51 MORE JTS. 4 1/2" DP RIH, TAGGED UP @ 3769' PUH EODP @3748' W/84JNT'S
	4:30 - 10:00	5.50	REE	05	A	P		CIRC. HOLE @ 220 GPM @ 77 PSI. WAIT ON MORE SUSSEX CEMENT TO BE DELIVERED TO LOC.
	10:00 - 12:00	2.00	REE	12	G	P		HELD PJSM W/ NEXTIER & RIG CREW, R/U, PUMP 5bbl's SPACER, 120 SKS. 51.5 BBLs. 12ppg SUSSEX BLEND 2.41 YIELD, 12.03 GALS. PER SK.. DISPLACE W/ 48 BBLs. WATER, RDMO CEMENTERS, ETOC @ 3510'
	12:00 - 12:30	0.50	REE	06	C	P		PUH LD 17jnt's 4.5" DP EODP @2993'. PULLED DRY.
	12:30 - 14:00	1.50	REE	05	F	P		CIRCULATE 2 TIMES HOLE VOLUME TO CLEAN UP HOLE 463bbl's.
	14:00 - 16:00	2.00	REE	06	C	P		PUH LD 57jnt's DP EODP @444' W/ 10jnt's 4.5" DP
	16:00 - 17:30	1.50	REE	11	B	P		CIRCULATE WHILE MIRU CORE-TECH WL STOP CIRCULATION RIH RU LUBE RIH TAG TOC @1460'. POOH RDMO CORE-TECH. CALL JAY & CHRIS EMAUL STATE START TIH TO 2500' TO SLICKLINE TAG

US ROCKIES REGION
Operation Summary Report

Well: DUNKLEE #1

Spud date: 2/19/1984

Project: COLORADO-LARIMER-NAD83-UTM13

Site: DUNKLEE #1

Rig name no.: ENSIGN 122/122

Event: RE ENTER

Start date: 2/10/2020

End date: 2/24/2020

Active datum: RKB @4,961.00usft (above Mean Sea Level)

UWI: SE/SE/0/5/N/68/W/21/0/0/6/PRIME/S/660.00/E/0/660.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	17:30 - 20:30	3.00	REE	06	J	P		TIH TO 2180' RECIEVED A CALL FROM CHRIS BISHIR ENGINEER, STATE APPROVED NOT TAGGING TOP OF SUSSEX CEMENT, L/D 39 JTS. 4 1/2" DP TO 444' (10) JTS. 4 1/2" DP
	20:30 - 23:00	2.50	REE	12	G	P		HELD PJSM W/ NEXTIER & RIG CREW, R/U & PUMP 20 BBLS. WATER AHEAD, 225 SKS. 46 BBLS. 15.8# 1.15 YIELD, 5 GALS. PER/SK. CLASS G CMT. GOT 15.8# CMT. TO SURFACE, KNOCK LINE OFF
	23:00 - 23:30	0.50	REE	06	C	P		HAD TROUBLE WITH BULK TRUCK WAS ONLY ABLE TO PUMP AT 1 BPM
	23:30 - 0:00	0.50	REE	14	A	P		L/D 10 JTS. 4 1/2" DP
2/15/2020	0:00 - 0:30	0.50	REE	12	G	P		N/D BOP TO TOP OFF WITH CEMENT
	0:30 - 17:00	16.50	REE	01	E	P		TOP HOLE OFF WITH 2 BBLS. CMT. WASH UP TO TANK, TOP OF CMT. @ SURFACE, RDMO NEXTIER CEMENT CREW
	0:30 - 17:00	16.50	REE	01	E	P		CLEAN MUD TANKS, RIG DOWN PREP FOR RIG MOVE
2/18/2020	6:00 - 14:00	8.00		53		P		BWI, LONE TREE, OPEN RANGE SERVICES REMOVE STRAW BALE WALL. LOAD OUT TRUCKS AND TRAILERS WITH SKID STEERS AND HAUL TO SNAKE PIT STOCK PILE AND UNLOAD.
2/24/2020	8:00 - 9:00	1.00	ABANDZ	53	B	P		DUG UP SURFACE CASING
	9:00 - 10:00	1.00	ABANDZ	53	C	P		CUT CASING 6' BELOW GL, CEMENT AT SURFACE
	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
	10:30 - 10:30	0.00	ABANDP	50				P&A'd OFFLINE. NBRR.
3/4/2020	8:00 - 15:00	7.00	SURFPR	53		P		LONE TREE SERVICES USED SKID STEER TO LOAD TRUCKS AND HAUL OFF ROAD BASE AND CONCRETE AND SWEEP ROAD, HEAVY HAUL TRUCKS HAUL LOADER AND RIG MATS. SIDE DUMP HAUL 61.8 TONS TO LAND FILL AND DELIVER 21 TONS OF COMPOST FROM REVOLUTION TO RECLAMTION CREW.