

US ROCKIES REGION
Operation Summary Report

Well: **ROBERT E BALDWIN UNIT #1**

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
12/6/2016	6:00 - 9:00	3.00	REE	01	A	P		MOB ENSIGN RIG #312 AND RELATED EQUIPMENT TO LOCATION. SET RIG BASE BEAM.
	9:00 - 10:30	1.50	REE	01	B	P		RU SERVICE RIG. SET MUD GAS SEPARATOR, FLUID PRO MUD TANK, 1/2 ROUND TANKS & 2 500 FRAC TANKS. LAY OUT CONTAINMENTS FOR PIPE TRIPPER & RIG PUMPS. SET PUMPS & TRIPPER.
	10:30 - 12:00	1.50	REE	01	B	P		NU MUD CROSS, 5K, 9" BOP. NU 9" ANNULAR. PULL SIDE COVERS OFF BOP & FUNCTION TEST BOP PIPE & BLIND RAMS. GOOD TEST.
	12:00 - 16:00	4.00	REE	01	B	P		RUN PUMP HARD LINES & FLARE LINE. UNLOAD 220 JOINTS 3-1/2", 9.3#, N-80 TBG ON RACKS. LOAD ONE FRAC TANK WITH 500 BBLS FRESH BIO WATER. HAUL IN 450 BBLS 10 PPG, 40 VISC MUD IN SECOND FRAC TANK. RU NPT AND HEAT ALL WATER TO 130 DEGREES.
	16:00 - 19:30	3.50	REE	01	B	P		RU TARPS, HEATERS, LIGHT PLANTS, SUCTION LINES FOR PUMPS, MOVE DRILL COLLARS TO RACKS & TALLY COLLARS & TBG
	19:30 - 20:15	0.75	REE	06	A	P		PU BHA, TAG TOP CEMENT PLUG @ 296' X-OVER 1.5' 10 DRILL COLLARS @ 310.66' X-OVER 1' FLOAT SUB 2' 7.875" BIT 1', VAREL TRI-CONE BIT W/3 OUTSIDE & 1 CENTER #16 JETS
	20:15 - 21:15	1.00	REE	01	B	P		RU POWER SWIVEL & BREAK CIRCULATION
	21:15 - 22:30	1.25	REE	02	A	P		DRILL CEMENT FROM 296' TO 325' , HAD TO RE-SPOT THE PIPE WRANGLER TO LINE UP PIPE WITH THE POWER SWIVEL
	22:30 - 0:00	1.50	REE	02	A	P		DRILL TO 380' 4 BPM @ 100 PSI 8,000# WOB 120 RPMS 2,500 PSI OF TORQUE CHANGED 1 BAD TBG COLLAR
12/7/2016	0:00 - 1:00	1.00	REE	02	A	P		DRILL FROM 380' TO 443', TAGGED SECOND CEMENT PLUG @ 380' 1' PER MINUTE DRILLING W/WATER 4 BPM @ 150 PSI 8,000# WOB 120 RPMS 2,500# OF TORQUE
	1:00 - 2:00	1.00	REE	02	A	P		DRILL FROM 443' TO 510' (CEMENT) 1.1' PER MINUTE DRILLING W/WATER 4 BPM @ 150 PSI 8,000# WOB 120 RPMS 2,500# OF TORQUE

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	2:00 - 3:00	1.00	REE	02	A	P		DRILL FROM 510' TO 538' (CEMENT) 1.1' PER MINUTE DRILLING W/WATER 4 BPM @ 150 PSI 8,000# WOB 120 RPMS 2,500# OF TORQUE CHANGED OUT 1 BAD TBG COLLAR, LD JT#18 (TOOK 35 MINUTES) COULDN'T GET IT TO BREAK
	3:00 - 4:00	1.00	REE	02	A	P		DRILL FROM 538' TO 601' (BOC @ 590') 1.1' PER MINUTE DRILLING W/WATER 4 BPM @ 150 PSI 8,000# WOB 120 RPMS 2,500# OF TORQUE
	4:00 - 5:00	1.00	REE	02	A	P		DRILL FROM 601' TO 633' .5' PER MINUTE DRILLING W/WATER 4 BPM @ 150 PSI 8,000# WOB 120 RPMS 2,500# OF TORQUE THE JT DRILLED VERY SLOW AT FIRST, THEN THE ROP PICKED UP, RECOVERED PIECES OF RUBBER
	5:00 - 6:10	1.17	REE	02	A	P		DRILL FROM 633' TO 665' JOINT #22 DOWN DRILLING W/WATER 4 BPM @ 150 PSI 8,000# WOB 120 RPMS ROP 0.5' / MIN 2,500# OF TORQUE
	6:10 - 7:30	1.33	REE	02	A	P		DRILL FROM 665' TO 728' JOINT #23 DOWN DEPTH CORRECTION DRILLING W/WATER 4 BPM @ 150 PSI 8,000# WOB 120 RPMS ROP 0.5' / MIN 2,500# OF TORQUE
	7:30 - 8:45	1.25	REE	02	A	P		DRILL FROM 728' TO 760' JOINT #24 DOWN DRILLING W/WATER 4 BPM @ 150 PSI 8,000# WOB 120 RPMS ROP 0.5' / MIN 2,500# OF TORQUE
	8:45 - 9:45	1.00	REE	02	A	P		DRILL FROM 760' TO 792' JOINT #25 DOWN DRILLING W/WATER 4 BPM @ 250 PSI 8,000# WOB 120 RPMS ROP 0.5' / MIN 2,500# OF TORQUE

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	9:45 - 10:30	0.75	REE	02	A	P		DRILL FROM 792' TO 824' JOINT #26 DOWN DRILLING W/WATER 4 BPM @ 175 PSI 8,000# WOB 120 RPMS ROP 0.7' / MIN TORQUE 2,500#
	10:30 - 11:30	1.00	REE	02	A	P		DRILL FROM 824' TO 855' JOINT #27 DOWN DRILLING W/WATER 4 BPM @ 300 PSI 8,000# WOB 120 RPMS ROP 0.7' / MIN TORQUE 2,500#
	11:30 - 12:00	0.50	REE	02	A	P		DRILL FROM 855' TO 887' JOINT #28 DOWN DRILLING W/WATER 4 BPM @ 300 PSI 8,000# WOB 120 RPMS ROP 1.0' / MIN TORQUE 2,500# MUD VISC: 37 WEIGHT 8.7PPG ADD 50 BBLs FRESH WATER TO ACTIVE MUD SYSTEM
	12:00 - 12:35	0.58	REE	02	A	P		DRILL FROM 887' TO 919' JOINT #29 DOWN DRILLING W/WATER 4 BPM @ 300 PSI 8,000# WOB 120 RPMS ROP 1.0' / MIN TORQUE 2,500#
	12:35 - 13:15	0.67	REE	02	A	P		DRILL FROM 919' TO 950' JOINT #30 DOWN DRILLING W/WATER 4 BPM @ 300 PSI 8,000# WOB 120 RPMS ROP 1.0' / MIN TORQUE 2,500#
	13:15 - 14:05	0.83	REE	02	A	P		DRILL FROM 950' TO 982' JOINT #31 DOWN DRILLING W/WATER 4 BPM @ 300 PSI 8,000# WOB 120 RPMS ROP 1.0' / MIN TORQUE 2,500#
	14:05 - 14:50	0.75	REE	02	A	P		DRILL FROM 982' TO 1,014' JOINT #32 DOWN DRILLING W/WATER 4 BPM @ 400 PSI 8,000# WOB 120 RPMS ROP 1.0' / MIN TORQUE 2,500#

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	14:50 - 15:40	0.83	REE	02	A	P		DRILL FROM 1,014' TO 1,046' JOINT #33 DOWN DRILLING W/WATER 5 BPM @ 700 PSI 10,000# WOB 120 RPMS ROP 1.0' / MIN TORQUE 2,500# MUD VISC: 37 WEIGHT 8.9 PPG PULL 100 BBLS MUD FROM ACTIVE PIT AND REPLACE WITH 100 BBLS FRESH WATER.
	15:40 - 16:15	0.58	REE	02	A	P		DRILL FROM 1,046' TO 1,077' JOINT #34 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP .8' / MIN TORQUE 2,500# ADDED TWO BAGS OF SAPP TO PIT
	16:15 - 17:10	0.92	REE	02	A	P		DRILL FROM 1,077' TO 1,109' JOINT #35 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP .5' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 8.4 PPG
	17:10 - 18:04	0.90	REE	02	A	P		DRILL FROM 1,109' TO 1,141' JOINT #36 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP .5' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 8.4 PPG
	18:04 - 19:02	0.97	REE	02	A	P		DRILL FROM 1,141' TO 1,173' JOINT #37 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP .5' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 8.4 PPG
	19:02 - 20:06	1.07	REE	02	A	P		DRILL FROM 1,174' TO 1,205' JOINT #38 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP .5' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 8.4 PPG

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	20:06 - 22:35	2.48	REE	08	A	Z		CAN'T BUILD AIR ON THE RIG, AIRLINES FROZE, CIRCULATING & ROTATING OFF BOTTOM, MECHANIC ARRIVED & GOT LINES THAWED OUT
	22:35 - 23:25	0.83	REE	02	A	P		DRILL FROM 1,205' TO 1,236' JOINT #39 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP .5' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 8.4 PPG
	23:25 - 0:00	0.58	REE	02	A	P		DRILL FROM 1,236' TO 1,258' DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP .7' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 8.4 PPG
12/8/2016	0:00 - 0:07	0.12	REE	02	A	P		DRILL FROM 1,258' TO 1,268' JOINT #40 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP 1.2' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 8.4 PPG
	0:07 - 0:57	0.83	REE	02	A	P		DRILL FROM 1,268' TO 1,299' JOINT #41 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP .8' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 8.4 PPG
	0:57 - 1:35	0.63	REE	02	A	P		DRILL FROM 1,299' TO 1,331' JOINT #42 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 10,000# WOB 120 RPMS ROP .8' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 8.4 PPG

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	1:35 - 2:08	0.55	REE	02	A	P		DRILL FROM 1,331' TO 1,363', JOINT #43 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 1.0' / MIN TORQUE 2,500# MUD VISC: 34 WEIGHT 8.4 PPG
	2:08 - 2:50	0.70	REE	02	A	P		DRILL FROM 1,363' TO 1,395', JOINT #44 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP .8' / MIN TORQUE 2,500# MUD VISC: 34 WEIGHT 8.4 PPG
	2:50 - 3:37	0.78	REE	02	A	P		DRILL FROM 1,395' TO 1,426', JOINT #45 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP .8' / MIN TORQUE 2,500# MUD VISC: 34 WEIGHT 8.4 PPG
	3:37 - 4:30	0.88	REE	02	A	P		DRILL FROM 1,426' TO 1,458', JOINT #46 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP .6' / MIN TORQUE 2,500# MUD VISC: 34 WEIGHT 8.4 PPG
	4:30 - 5:23	0.88	REE	02	A	P		DRILL FROM 1,458' TO 1,490', JOINT #47 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP .6' / MIN TORQUE 2,500# MUD VISC: 34 WEIGHT 8.4 PPG
	5:23 - 6:10	0.78	REE	02	A	P		DRILL FROM 1,490' TO 1,522', JOINT #48 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP .7' / MIN TORQUE 2,500# MUD VISC: 34 WEIGHT 8.4 PPG

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	6:10 - 7:00	0.83	REE	02	A	P		DRILL FROM 1,522' TO 1,553', JOINT #49 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP .7' / MIN TORQUE 2,500# MUD VISC: 34 WEIGHT 8.4 PPG
	7:00 - 7:50	0.83	REE	02	A	P		DRILL FROM 1,553' TO 1,585', JOINT #50 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.6' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 9.1 PPG
	7:50 - 8:50	1.00	REE	02	A	P		DRILL FROM 1,585' TO 1,617', JOINT #51 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.5' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 9.1 PPG ADDED TWO BAGS OF SAPP TO MUD ADDED 1 BUCKET OF CON-DET
	8:50 - 9:40	0.83	REE	02	A	P		DRILL FROM 1,617' TO 1,648', JOINT #52 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.6' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 9.1 PPG
	9:40 - 10:40	1.00	REE	02	A	P		DRILL FROM 1,648' TO 1,680', JOINT #53 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.5' / MIN TORQUE 2,500# MUD VISC: 33 WEIGHT 9.1 PPG
	10:40 - 12:10	1.50	REE	02	A	P		DRILL FROM 1,680' TO 1,712', JOINT #54 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,700# MUD VISC: 33 WEIGHT 9.1 PPG

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	12:10 - 13:15	1.08	REE	02	A	P		DRILL FROM 1,712' TO 1,744', JOINT #55 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.5' / MIN TORQUE 2,700# MUD VISC: 33 WEIGHT 9.1 PPG
	13:15 - 14:20	1.08	REE	02	A	P		DRILL FROM 1,744' TO 1,775', JOINT #56 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.5' / MIN TORQUE 2,800# MUD VISC: 33 WEIGHT 9.1 PPG
	14:20 - 15:50	1.50	REE	02	A	P		DRILL FROM 1,775' TO 1,807', JOINT #57 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,800# MUD VISC: 33 WEIGHT 9.1 PPG ADDED 1 BAG OF SAPP AND 1 BUCKET OF CON-DET
	15:50 - 16:50	1.00	REE	02	A	P		DRILL TO 1830' POWER SWIVEL IS NOT RUNNING RIGHT BECAUSE OF THE DIESEL GELLING
	16:50 - 18:45	1.92	REE	21	D	Z		WAITING ON MECHANIC WITH MORE FUEL FILTERS, CHANGED FILTERS
	18:45 - 19:00	0.25	REE	02	A	P		DRILL FROM 1,830' TO 1,839', JOINT #58 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,800#
	19:00 - 20:47	1.78	REE	02	A	P		DRILL FROM 1,839' TO 1,870', JOINT #59 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,800#
	20:47 - 21:12	0.42	REE	22	O	S		HAD TROUBLE MAKING THE JT UP, THREADS ARE BAD ON PIN & COLLAR, LAID DOWN THE JT, BROKE COLLAR FROM JT IN THE HOLE & REPLACED THE COLLAR, PICKED UP A NEW JT

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	21:12 - 22:20	1.13	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 1,870' TO 1,902', JOINT #60 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 2,800#
	22:20 - 22:58	0.63	REE	22	O	S		MADE CONNECTION & THE JT WAS LEAKING ON THE BOTTOM OF THE COLLAR, HAD TROUBLE BREAKING THE JT, LD THE JT & REPLACED IT
	22:58 - 0:00	1.03	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION DRILL FROM 1,902' TO 1,934', JOINT #61 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.5' / MIN TORQUE 2,800#
12/9/2016	0:00 - 1:32	1.53	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 1,934' TO 1,966', JOINT #62 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,800#
	1:32 - 3:12	1.67	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 1,966' TO 1,997', JOINT #63 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,800# ADDED 1 SACK OF SAPP & 5 GALLONS OF DRILL-CON
	3:12 - 4:50	1.63	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 1,997' TO 2,029', JOINT #64 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,800#

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	4:50 - 6:20	1.50	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,029' TO 2,061', JOINT #65 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,800#
	6:20 - 8:05	1.75	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,061' TO 2,093', JOINT #66 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,800# MUD VISC- 33 WEIGHT 10.1 PPG
	8:05 - 9:50	1.75	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,093' TO 2,124', JOINT #67 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 2,900# MUD VISC- 33 WEIGHT 10.1 PP DEHYDRATED MUD AND VERY FINE SHALE CHIPS IN FLUID RETURNS.
	9:50 - 11:25	1.58	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,124' TO 2,156', JOINT #68 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 2,900# MUD VISC- 33 WEIGHT 10.1 PPG HAULED OFF 200 BBLS FROM MUD PIT AND REPLACED WITH 200 BBLS FRESH BIO WATER. ADD 2 BAGS OF SAPP TO MUD PIT.
	11:25 - 12:30	1.08	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,156' TO 2,188', JOINT #69 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.5' / MIN TORQUE 2,800# DEHYDRATED MUD AND VERY FINE SHALE CHIPS IN FLUID RETURNS.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	12:30 - 13:45	1.25	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,188' TO 2,220', JOINT #70 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 2,900# MUD VISC- 31 WEIGHT- 9.1 PPG
	13:45 - 14:50	1.08	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,220' TO 2,251', JOINT #71 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW 6 BPM @ 900 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 2,900# MUD VISC- 31 WEIGHT- 9.1 PPG
	14:50 - 15:45	0.92	REE	14	A	P		NU WASHINGTON HEAD.
	15:45 - 16:50	1.08	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,251' TO 2,283', JOINT #72 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1050 PSI 12,000# WOB 120 RPMS ROP 0.5' / MIN TORQUE 3,000# MUD VISC- 31 WEIGHT- 9.1 PPG
	16:50 - 18:10	1.33	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,283' TO 2,315', JOINT #73 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1050 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD VISC- 31 WEIGHT- 9.1 PPG
	18:10 - 20:04	1.90	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION DRILL FROM 2,315' TO 2,346', JOINT #74 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1050 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD VISC- 31 WEIGHT- 9.4 PPG

US ROCKIES REGION
Operation Summary Report

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Rig name no.: ENSIGN 312/312

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	20:04 - 21:40	1.60	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION PUMPED A 15 BBL FRESH WATER SWEEP DRILL FROM 2,346' TO 2,378', JOINT #75 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1050 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD VISC- 31 WEIGHT- 9.4 PPG
	21:40 - 23:15	1.58	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION PUMPED A 10 BBL FRESH WATER SWEEP DRILL FROM 2,378' TO 2,409', JOINT #76 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1050 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD VISC- 31 WEIGHT- 9.6 PPG
	23:15 - 0:00	0.75	REE	02	A	P		DRILL FROM 2,409' TO 2,425' #77
12/10/2016	0:00 - 0:55	0.92	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION DRILL FROM 2,425' TO 2,441', JOINT #77 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1050 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD VISC- 31 WEIGHT- 9.6 PPG
	0:55 - 3:05	2.17	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION PUMPED 10 BBL FRESH WATER SWEEP DRILL FROM 2,441' TO 2,472', JOINT #78 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1050 PSI 12,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,000# MUD VISC- 33 WEIGHT- 9.8 PPG
	3:05 - 5:10	2.08	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION PUMPED 10 BBL FRESH WATER SWEEP DRILL FROM 2,472' TO 2,504', JOINT #79 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 6 BPM @ 1050 PSI 12,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,000# MUD VISC- 32 WEIGHT- 9.8 PPG

US ROCKIES REGION
Operation Summary Report

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Spud date: 11/27/1973

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Rig name no.: ENSIGN 312/312

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	5:10 - 7:05	1.92	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION DRILL FROM 2,504' TO 2,536', JOINT #80 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI : RATE INCREASE BACK TO 7 BPM 12,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,000# MUD VISC- 34 WEIGHT- 10.2 PPG
	7:05 - 8:50	1.75	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION DRILL FROM 2,536' TO 2,568', JOINT #81 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD VISC- 34 WEIGHT- 10.2 PPG
	8:50 - 10:20	1.50	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION DRILL FROM 2,568' TO 2,600', JOINT #82 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD VISC- 34 WEIGHT- 10.2 PPG
	10:20 - 11:35	1.25	REE	02	A	P		ADDED 1 SAPP STICK @ CONNECTION DRILL FROM 2,600' TO 2,631', JOINT #83 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# CHANGED OUT 225 BBLs MUD. REPLACED WITH 225 FRESH BIO WATER.
	11:35 - 13:00	1.42	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,631' TO 2,663', JOINT #84 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# AT NOON KLX DELIVERED A 30 BBL PRE-MIX TANK. MIXED AND SENT A HEAVY MIX OF COT-DET SOAP AND SAPP SLUG.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

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Site: ROBERT E BALDWIN UNIT #1

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Start date: 12/6/2016

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	13:00 - 14:15	1.25	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,663' TO 2,695', JOINT #85 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 32 WEIGHT 9.1 PPG SENT 2 5 BBL CON-DET & SAPP SWEEPS DURING THIS KELLY.
	14:15 - 15:35	1.33	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,695' TO 2,726', JOINT #86 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 32 WEIGHT 9.1 PPG SENT 2 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY.
	15:35 - 16:50	1.25	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,726' TO 2,758', JOINT #87 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 32 WEIGHT 9.1 PPG SENT 2 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY.
	16:50 - 18:25	1.58	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,758' TO 2,790', JOINT #88 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 32 WEIGHT 9.1 PPG SENT 2 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY.
	18:25 - 18:35	0.17	REE	02	A	P		START DRILLING JT #89
	18:35 - 19:00	0.42	REE	08	B	Z		THE AIR DONUT ON THE RETURN LINE FROM THE STACK TO THE GAS BUSTER FAILED, TOOK OUT THE OLD ONE & REPLACED IT

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

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Rig name no.: ENSIGN 312/312

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Start date: 12/6/2016

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Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	19:00 - 20:25	1.42	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,790' TO 2,822', JOINT #89 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 32 WEIGHT 9.2 PPG SENT 2 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY.
	20:25 - 20:50	0.42	REE	08	B	Z		CONNECTION ON THE POWER SWIVEL WAS LEAKING, TIGHTENED THE CONNECTION & CALLED FOR A NEW CHANGE-OVER, 3 1/2 IF TO 3 1/2 EUE
	20:50 - 22:20	1.50	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,822' TO 2,853', JOINT #90 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 32 WEIGHT 9.2 PPG SENT 2 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY.
	22:20 - 23:40	1.33	REE	08	B	Z		CHANGE OUT THE CHANGE-OVER THAT WAS LEAKING. AFTER CHANGING IT OUT & PICKING THE SWIVEL UP TO MAKE THE CONNECTION THE CREW LET THE KELLY HOSE HOOK ON THE DERRICK & PULLED THE HOSE & THREADED CONNECTION OFF OF THE SWIVEL. HAD TO CHANGE OUT THE CONNECTION & REPLACE THE KELLY HOSE. HELD A SAFETY STANDOWN TO DISCUSS WHAT HAPPENED & HOW TO PREVENT IT FROM HAPPENING AGAIN
	23:40 - 0:00	0.33	REE	02	A	P		DRILLED TO 2,863'
12/11/2016	0:00 - 1:34	1.57	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,853' TO 2,885', JOINT #91 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 30 WEIGHT 9.4 PPG SENT 2 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	1:34 - 2:08	0.57	REE	22	O	S		MADE THE CONNECTION BUT IT WAS SPRAYING FLUID, LD THE JT, IT WAS LEAKING @ THE 3 1/2" IF CONNECTION ON THE SWIVEL, BROKE IT APART, CLEANED & DOPED IT, MADE IT UP & IT HELD
	2:08 - 3:55	1.78	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,885' TO 2,917', JOINT #92 DOWN DRILLING W/WATER TWO PUMPS ON LINE NOW RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 30 WEIGHT 9.4 PPG SENT 2 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY.
	3:55 - 5:45	1.83	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,917' TO 2,948', JOINT #93 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE INCREASE TO 7 BPM @ 1100 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 30 WEIGHT 9.4 PPG SENT 2 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY.
	5:45 - 7:10	1.42	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,948' TO 2,980', JOINT #94 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE INCREASE TO 7 BPM @ 1400 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 30 WEIGHT 9.4 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1		Spud date: 11/27/1973	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERT E BALDWIN UNIT #1		Rig name no.: ENSIGN 312/312
Event: RE ENTER	Start date: 12/6/2016		End date: 1/17/2017
Active datum: RKB @4,902.00usft (above Mean Sea Level)		UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:10 - 8:30	1.33	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 2,980' TO 3,011', JOINT #95 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1400 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 30 WEIGHT 9.4 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. SENT 2 BAGS WALNUT HULLS.
	8:30 - 10:00	1.50	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,011' TO 3,043', JOINT #96 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 30 WEIGHT 9.4 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS.
	10:00 - 11:30	1.50	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,043' TO 3,075', JOINT #97 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 30 WEIGHT 9.1 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS. SENT 15 BBL EZ-MUD AND WALNUT HULL SWEEP.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1		Spud date: 11/27/1973	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERT E BALDWIN UNIT #1		Rig name no.: ENSIGN 312/312
Event: RE ENTER	Start date: 12/6/2016		End date: 1/17/2017
Active datum: RKB @4,902.00usft (above Mean Sea Level)		UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:30 - 13:05	1.58	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,075' TO 3,106', JOINT #98 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 30 WEIGHT 9.1 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS. SENT 15 BBL EZ-MUD AND WALNUT HULL SWEEP.
	13:05 - 14:35	1.50	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,106' TO 3,138', JOINT #99 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE INCREASE TO 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS.
	14:35 - 16:05	1.50	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,138' TO 3,170', JOINT #100 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# CHANGED OUT 100 BBLS MUD FOR FRESH WATER. MUD: VISC AT 29 WEIGHT 9.1 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS. SENT 2 GALLONS EZ-MUD SWEEP.

US ROCKIES REGION
Operation Summary Report

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Spud date: 11/27/1973

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	16:05 - 17:50	1.75	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,170' TO 3,202', JOINT #101 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.21 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS. SENT 2 GALLONS EZ-MUD SWEEP.
	17:50 - 20:05	2.25	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,202' TO 3,233', JOINT #102 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.4 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS. SENT 2 GALLONS EZ-MUD SWEEP.
	20:05 - 22:30	2.42	REE	02	A	P		MIXED 2 SACKS OF BARRATHIN ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,233' TO 3,265', JOINT #103 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.4 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS. SENT 2 GALLONS EZ-MUD SWEEP.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	22:30 - 0:00	1.50	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,265' TO 3,283' DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.4 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS. SENT 2 GALLONS EZ-MUD SWEEP. PUMPED A SWEEP WITH 3 BAGS OF WALNUT HULLS
12/12/2016	0:00 - 0:50	0.83	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,283' TO 3,297' , JOINT #104 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.4 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS. SENT 2 GALLONS EZ-MUD SWEEP HAULED OFF 150 BBLs OF MUD
	0:50 - 1:35	0.75	REE	22	O	P		AFTER MAKING THE CONNECTION THE BOTTOM OF THE COLLAR WAS LEAKING, CHANGED THE COLLAR BUT IT STILL LEAKED, LD THE JT & PICKED UP ANOTHER JT

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1		Spud date: 11/27/1973	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERT E BALDWIN UNIT #1		Rig name no.: ENSIGN 312/312
Event: RE ENTER	Start date: 12/6/2016		End date: 1/17/2017
Active datum: RKB @4,902.00usft (above Mean Sea Level)		UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	1:35 - 3:40	2.08	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,297' TO 3,328' , JOINT #105 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 8.9 PPG SENT 2- 5 BBL CON-DET SOAP & SAPP SWEEPS DURING THIS KELLY. DRILLING UP DEHYDRATED MUD. JUST DEHYDRATED MUD FINES COMING ACROSS SHAKER. NO SHALE IN RETURNS. SENT 2 GALLONS EZ-MUD SWEEP HAULED OFF 150 BBLs OF MUD
	3:40 - 5:30	1.83	REE	02	A	P		ADDED 2 SAPP STICKS @ CONNECTION ADDED 2 SOAP STICKS @ CONNECTION DRILL FROM 3,328' TO 3,360' , JOINT #106 DOWN DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 1500 PSI 12,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 8.9 PPG BIT HAS BEEN TORQUING UP AND JUMPING LAST 2 JOINTS. DECIDE TO PULL BIT.
	5:30 - 8:30	3.00	REE	05	F	P		CIRCULATE TWO 20 BBL HIGH VISC PILLS TO SURFACE. FLUID RETURNS CLEAN WHEN CIRCULATED PILLS OUT ACROSS SHAKER. BRING PUMPS OFF LINE. CIRCULATE ALL PUMPS BACK TO PIT TO PREVENT FREEZING.
	8:30 - 11:00	2.50	REE	06	A	P		SET UP TO TOOH. RACK SWIVEL BACK. TOOH TO DERRICK. FOUND THAT THE BOTTOM 54 JOINTS OF 3-1/2" EUE TBG COLLARS WERE WORN VERY THIN. CONTINUE TOOH AND STAND BACK DC'S. THE 7-7/8" TRI-CONE BIT WAS LOCKED UP.
	11:00 - 15:00	4.00	REE	06	G	P		TIH WITH 3-1/2" EUE WS JUST 10 STDs AT A TIME AND LD ALL 3-1/2" WS. LD 3-1/2" DC'S.
	15:00 - 19:00	4.00	REE	06	G	P		LOAD OUT 3-1/2" WS ON A&W FLOATS. DRAIN UP ALL PUMPS, LINES AND MUD SYSTEM. SDFN.
12/13/2016	6:30 - 8:30	2.00	REE	06	A	P		LOAD PIPE RACKS WITH 10 4-3/4" DC'S. LOAD RACKS WITH 120 JOINTS 2-7/8", 10.40#, S-135 AOH DRILL PIPE. UNLOAD ALL HANDLING TOOLS. RU 600 SERIES GILL HIGH TORQUE TONGS.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:30 - 10:00	1.50	REE	06	A	P		PU NEW VAREL 7-7/8" TRI-CONE BIT, FLOAT SUB WITH 4F FLOAT INSTALLED, 10- 4-3/4" DC'S. BHA: 7-7/8" TRI-CONE LENGTH OD ID FLOAT SUB 4-1/2" REG BOX BY 3-1/2" IF BOX 24" 5-3/4" 3-1/4" 10 4-3/4" DC'S 47#/FT 310.71' 4-3/4" 2-1/4" XO- 3-1/2" IF PIN BY 2-7/8" AOH BOX 2.25' 4-3/4" 2-1/4" BHA TORQUE TO SPECS.
	10:00 - 13:30	3.50	REE	06	A	P		PU 95 JOINTS 2-7/8" AOH DRILL PIPE. TIH TO 3300' WITH NO TAG. INSTALL 2-7/8" WASHINGTON HEAD RUBBER.
	13:30 - 14:30	1.00	REE	06	J	P		RD TONGS. PU POWER SWIVEL. RU STIFF ARMS.
	14:30 - 15:30	1.00	REE	05	A	P		MU JOINT ON SWIVEL. BREAK CIRCULATION WITH 6 BPM 1600 PSI.
	15:30 - 15:50	0.33	REE	02	A	P		TIH FROM 3,300' . TAG AT 3354'. HAD 8' OF FILL . DRILL FROM 3,354' TO 3,362' JOINT 107 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 6 BPM @ 2100 PSI 14,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000#
	15:50 - 17:15	1.42	REE	02	A	P		DRILL FROM 3,362' TO 3,393' JOINT 108 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 6 BPM @ 2100 PSI 14,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000#
	17:15 - 18:18	1.05	REE	02	A	P		DRILL FROM 3,393' TO 3,420' JOINT 109 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 6 BPM @ 2100 PSI 14,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000#
	18:18 - 19:30	1.20	REE	02	A	P		DRILL FROM 3,420' TO 3,451' JOINT 110 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 6 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG CHANGED SCREENS IN SHAKERS TO 215

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1		Spud date: 11/27/1973	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERT E BALDWIN UNIT #1		Rig name no.: ENSIGN 312/312
Event: RE ENTER	Start date: 12/6/2016		End date: 1/17/2017
Active datum: RKB @4,902.00usft (above Mean Sea Level)		UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	19:30 - 20:49	1.32	REE	02	A	P		DRILL FROM 3,451' TO 3,483' JOINT 111 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING OF JT
	20:49 - 22:11	1.37	REE	02	A	P		DRILL FROM 3,483' TO 3,515' JOINT 112 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT
	22:11 - 23:35	1.40	REE	02	A	P		DRILL FROM 3,515' TO 3,546' JOINT 113 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT
	23:35 - 0:00	0.42	REE	02	A	P		DRILL FROM 3,546' TO 3,560'
12/14/2016	0:00 - 0:41	0.68	REE	02	A	P		DRILL FROM 3,560' TO 3,578' JOINT 114 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT
	0:41 - 0:52	0.18	REE	02	A	P		TRIED TO CHANGE OUT LONG X-OVER FOR A SHORTER ONE ON THE POWER SWIVEL BUT COULDN'T GET IT TO BREAK

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

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Rig name no.: ENSIGN 312/312

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Start date: 12/6/2016

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	0:52 - 2:08	1.27	REE	02	A	P		DRILL FROM 3,578' TO 3,610' JOINT 115 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT
	2:08 - 3:15	1.12	REE	02	A	P		DRILL FROM 3,610' TO 3,641' JOINT 116 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.2 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD
	3:15 - 4:32	1.28	REE	02	A	P		DRILL FROM 3,641' TO 3,674' JOINT 117 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.3 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 1 GALLON SWEEP OF EZ MUD
	4:32 - 4:41	0.15	REE	02	A	P		CHANGE OUT LONG X-OVER FOR A SHORTER ONE ON THE POWER SWIVEL
	4:41 - 5:50	1.15	REE	02	A	P		DRILL FROM 3,674' TO 3,709' JOINT 118 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.3 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

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Rig name no.: ENSIGN 312/312

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Start date: 12/6/2016

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UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	5:50 - 7:10	1.33	REE	02	A	P		DRILL FROM 3,709' TO 3,741' JOINT 119 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.3 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD
	7:10 - 8:30	1.33	REE	02	A	P		DRILL FROM 3,741' TO 3,773' JOINT 120 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.3 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD
	8:30 - 8:50	0.33	REE	08	A	P		INCREASE OTECO POP-OFF PINS TO 4000 PSI. KEPT POPPING 2000 PINS.
	8:50 - 10:05	1.25	REE	02	A	P		DRILL FROM 3,773' TO 3,805' JOINT 121 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.3 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD HAULED OFF 100 BBLS MUD FROM UNDER SHAKERS.
	10:05 - 11:15	1.17	REE	02	A	P		DRILL FROM 3,805' TO 3,836' JOINT 122 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:15 - 12:25	1.17	REE	02	A	P		DRILL FROM 3,836' TO 3,868' JOINT 123 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 12,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD HAULED OFF 100 BBL MUD FROM ACTIVE MUD TANK SUCTION SIDE.
	12:25 - 13:35	1.17	REE	02	A	P		DRILL FROM 3,868' TO 3,899' JOINT 124 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD
	13:35 - 14:50	1.25	REE	02	A	P		DRILL FROM 3,899' TO 3,930' JOINT 125 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD ADDED 3 BAGS BARA-THIN TO MUD TANK.
	14:50 - 16:00	1.17	REE	02	A	P		DRILL FROM 3,930' TO 3,962' JOINT 126 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD

US ROCKIES REGION
Operation Summary Report

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Spud date: 11/27/1973

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	16:00 - 17:15	1.25	REE	02	A	P		DRILL FROM 3,962' TO 3,993' JOINT 127 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD
	17:15 - 18:43	1.47	REE	02	A	P		DRILL FROM 3,993' TO 4,021' JOINT 128 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.2 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD
	18:43 - 20:24	1.68	REE	02	A	P		DRILL FROM 4,021' TO 4,052' JOINT 129 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.3 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD, HAULED OFF 130 BBLS OF MUD
	20:24 - 22:00	1.60	REE	02	A	P		DRILL FROM 4,052' TO 4,084' JOINT 130 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD

US ROCKIES REGION
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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	22:00 - 23:34	1.57	REE	02	A	P		DRILL FROM 4,084' TO 4,114' JOINT 131 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.4' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD
	23:34 - 0:00	0.43	REE	02	A	P		DRILL TO 4,124'
12/15/2016	0:00 - 1:29	1.48	REE	02	A	P		DRILL FROM 4,114' TO 4,150' JOINT 132 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD
	1:29 - 3:25	1.93	REE	02	A	P		DRILL FROM 4,150' TO 4,181' JOINT 133 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD
	3:25 - 5:30	2.08	REE	02	A	P		DRILL FROM 4,181' TO 4,212' JOINT 134 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,000# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1		Spud date: 11/27/1973	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERT E BALDWIN UNIT #1		Rig name no.: ENSIGN 312/312
Event: RE ENTER	Start date: 12/6/2016		End date: 1/17/2017
Active datum: RKB @4,902.00usft (above Mean Sea Level)		UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	5:30 - 7:30	2.00	REE	02	A	P		DRILL FROM 4,212' TO 4,243' JOINT 135 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD AFTER CONNECTION.
	7:30 - 9:10	1.67	REE	02	A	P		DRILL FROM 4,243' TO 4,275' JOINT 136 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD AFTER CONNECTION. DURING THE NIGHT HOLE STARTED TO TIGHTEN UP, HAD TO BACK REAM SEVERAL TIME BEFORE CONNECTIONS. MIXED UP A HEAVY EZ-MUD (PHPA) PILL AND SENT 20 BBLS. THIS CONNECTION WAS NOT TIGHT. APPEARS PHPA IS HELPING.
	9:10 - 10:40	1.50	REE	02	A	P		DRILL FROM 4,275' TO 4,306' JOINT 137 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD AFTER CONNECTION. ADDING EZ-MUD TO MUD SYSTEM NOW.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1		Spud date: 11/27/1973	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERT E BALDWIN UNIT #1		Rig name no.: ENSIGN 312/312
Event: RE ENTER	Start date: 12/6/2016		End date: 1/17/2017
Active datum: RKB @4,902.00usft (above Mean Sea Level)		UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	10:40 - 12:10	1.50	REE	02	A	P		DRILL FROM 4,306' TO 4,338' JOINT 138 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 29 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD AFTER CONNECTION. ADDING EZ-MUD TO MUD SYSTEM NOW.
	12:10 - 13:55	1.75	REE	02	A	P		DRILL FROM 4,338' TO 4,370' JOINT 139 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 30 WEIGHT 9.1 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD AFTER CONNECTION. ADDING EZ-MUD TO MUD SYSTEM NOW.
	13:55 - 15:45	1.83	REE	02	A	P		DRILL FROM 4,370' TO 4,401' JOINT 140 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 30 WEIGHT 9.4 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD AFTER CONNECTION. ADDING EZ-MUD TO MUD SYSTEM NOW. TREAT MUD TANK WITH CARBONOX TO FOR WATER LOSS AND WALL CAKE ISSUES.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1		Spud date: 11/27/1973	
Project: COLORADO-WELD-NAD83-UTM13	Site: ROBERT E BALDWIN UNIT #1		Rig name no.: ENSIGN 312/312
Event: RE ENTER	Start date: 12/6/2016		End date: 1/17/2017
Active datum: RKB @4,902.00usft (above Mean Sea Level)		UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	15:45 - 17:25	1.67	REE	02	A	P		DRILL FROM 4,401' TO 4,433' - DRILLING SUSSEX CEMENT PLUG. JOINT 141 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 30 WEIGHT 9.6 PPG PUMPED A 5 BBL FRESH WATER SWEEP WITH SAPP & CON-DET @ THE BEGINNING & MIDDLE OF THE JT & A 2 GALLON SWEEP OF EZ MUD AFTER CONNECTION. ADDING EZ-MUD TO MUD SYSTEM NOW. TREAT MUD TANK WITH CARBONOX TO FOR WATER LOSS AND WALL CAKE ISSUES. TREAT MUD TANK WITH 6 BAGS OF BI-CARB TO TREAT FOR CEMENT CONTAMINATION FROM SUSSEX CEMENT PLUG.
	17:25 - 19:00	1.58	REE	02	A	P		DRILL FROM 4,433' TO 4,464' - DRILLING SUSSEX CEMENT PLUG. JOINT 142 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2100 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 31 WEIGHT 9.6 PPG PUMPED 2, 2 GALLON SWEEP OF EZ MUD AFTER CONNECTION.
	19:00 - 20:26	1.43	REE	02	A	P		DRILL FROM 4,464' TO 4,497' - DRILLING SUSSEX CEMENT PLUG. JOINT 142 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2200 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 31 WEIGHT 9.6 PPG PUMPED 2, 2 GALLON SWEEP OF EZ MUD ADDED 4 SACKS OF BI-CARB HAD TO BACK REAM SEVERAL TIMES

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	20:26 - 22:30	2.07	REE	02	A	P		DRILL FROM 4,465' TO 4,497' - DRILLED THROUGH SUSSEX CEMENT PLUG @ 4,505' JOINT 143 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2200 PSI 13,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,100# MUD: VISC AT 31 WEIGHT 9.6 PPG PUMPED 2, 2 GALLON SWEEPS OF EZ MUD & 2, 5 BBL FRESH WATER SWEEPS W/CON-DET PH OF 8.0 MIXED 4 SACKS OF LIME TO INCREASE PH LEVEL HAD TO BACK REAM SEVERAL TIMES WHILE DRILLING & @ THE END OF THE JT
	22:30 - 0:00	1.50	REE	02	A	P		DRILL FROM 4,497' TO 4,527' JOINT 144 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2200 PSI 13,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,100# MUD: VISC AT 34 WEIGHT 9.6 PPG PUMPED 2, 2 GALLON SWEEPS OF EZ MUD & 2, 5 BBL FRESH WATER SWEEPS W/CON-DET PH OF 10 MIXED 1 SACKS OF LIME TO INCREASE PH LEVEL MIXED 4 SACKS OF CARBONOX HAULED 80 BBLs OF MUD OFF
12/16/2016	0:00 - 1:00	1.00	REE	02	A	P		DRILL FROM 4,527' TO 4,558' JOINT 145 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2200 PSI 13,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,100# MUD: VISC AT 36 WEIGHT 9.6 PPG, PH OF 10 PUMPED 2, 5 BBL FRESH WATER SWEEPS W/CON-DET & 2 GALLON SWEEPS OF EZ MUD MIXED 4 SACKS OF CARBONOX BACK REAMED HAULED 80 BBLs OF MUD OFF

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	1:00 - 3:12	2.20	REE	02	A	P		DRILL FROM 4,558' TO 4,590' JOINT 146 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2200 PSI 13,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,100# MUD: VISC AT 34 WEIGHT 9.4 PPG, PH OF 10 PUMPED 3, 5 BBL FRESH WATER SWEEPS W/CON-DET & 2 GALLON SWEEPS OF EZ MUD BACK REAMED
	3:12 - 5:27	2.25	REE	02	A	P		DRILL FROM 4,590' TO 4,621' JOINT 147 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2200 PSI 13,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,400# MUD: VISC AT 34 WEIGHT 9.4 PPG, PH OF 10 PUMPED 3, 5 BBL FRESH WATER SWEEPS W/CON-DET & 2 GALLON SWEEPS OF EZ MUD BACK REAMED
	5:27 - 8:00	2.55	REE	02	A	P		DRILL FROM 4,621' TO 4,652' JOINT 148 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2200 PSI 13,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,400# MUD: VISC AT 34 WEIGHT 9.4 PPG, PH OF 10 PUMPED 3, 5 BBL FRESH WATER SWEEPS W/CON-DET & 2 GALLON SWEEPS OF EZ MUD BACK REAMED
	8:00 - 8:30	0.50	REE	08	B			CHANGE OVER TO 2" PUMP LINE WITH 5K KELLY HOSES.
	8:30 - 11:15	2.75	REE	02	A	P		DRILL FROM 4,652' TO 4,684' JOINT 149 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2200 PSI 14,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,400# MUD: VISC AT 31 WEIGHT 9.4 PPG PUMPED 3, 5 BBL FRESH WATER SWEEPS W SAPP / CON-DET & 2 GALLON SWEEPS OF EZ MUD BACK REAMED LOST EAST PUMP.....

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

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Rig name no.: ENSIGN 312/312

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Start date: 12/6/2016

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Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:15 - 14:00	2.75	REE	02	A	P		DRILL FROM 4,684' TO 4,716' JOINT 150 DOWN. DRILLING W/WATER TWO PUMPS ON LINE RATE 7 BPM @ 2200 PSI 15,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,400# MUD: VISC AT 33 WEIGHT 9.6 PPG PUMPED 3, 5 BBL FRESH WATER SWEEPS W SAPP / CON-DET & 2 GALLON SWEEPS OF EZ MUD BACK REAMED UNTIL SLICK
	14:00 - 14:30	0.50	REE	02	A	P		DRILL FROM 4,716' TO 4,720' --- ON JOINT 151. LOST 2ND PUMP. PUH AND CIRCULATE WITH ONE PUMP.
	14:30 - 15:30	1.00	REE	08	B	Z		CIRCULATE / ROTATE AND WORK PIPE. DUE TO SLIGHTLY TIGHT HOLE CONDITIONS AND WAITING FOR PUMPS TO ARRIVE, CALLED IN TALKED TO RIGO & MIKE ABOUT PULLING A WIPER TRIP. ALL AGREED.
	15:30 - 16:30	1.00	REE	08	B	Z		LD 10 JOINTS OF DP. FIRST 3 JOINTS SWIVELED OUT SLIGHTLY STICKY THEN THE NEXT 7 PULLED SLICK WITH NO DRAG AT ALL. PUH TO 4400'.
	16:30 - 20:50	4.33	REE	08	B	Z		CIRCULATE WITH 1 PUMP. WAITING ON PUMPS TO ARRIVE.
	20:50 - 22:00	1.17	REE	08	B	Z		SMALLER PUMP ARRIVED ON LOCATION, PULLED OUT BOTH PUMPS & WAITED FOR THE LARGER PUMP TO ARRIVE , ONCE IT ARRIVED SPOTTED IT IN, THEN THE SMALLER PUMP & RU BOTH PUMPS. HAULED 120 BBLS OF MUD OFF
	22:00 - 23:00	1.00	REE	06	E	P		START TO RIH BACK TO BOTTOM STARTED HAVING TROUBLE WITH THE POWER SWIVEL, CHANGED FUEL FILTER & GOT IT RUNNING, CONTINUE RIH TO BOTTOM, HOLE WAS CLEAN ON TRIP TO BOTTOM, PUT A HEATER ON FUEL TANK OF POWER SWIVEL
	23:00 - 23:20	0.33	REE	08	B	Z		AFTER TAGGING BOTTOM @ 4,720, THE POWER SWIVEL STARTED RUNNING ROUGH AGAIN & WOULD NOT RUN @ FULL RPM, CIRCULATED & ROTATED @ LOW RPM WHILE WAITING FOR MORE FUEL FILTERS
	23:20 - 0:00	0.67	REE	08	A	Z		AIR LINES FROZE ON THE RIG, RIGGED UP A HEATER UNDER THE RIG
12/17/2016	0:00 - 2:20	2.33	REE	02	A	P		DRILL FROM 4,720' TO 4,748' JOINT 151 DOWN. DRILLING W/WATER 5 PLEX PUMP ON LINE RATE 7.5 BPM @ 2300 PSI 15,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,400# MUD: VISC AT 33 WEIGHT 9.5 PPG PUMPED 3, 5 BBL FRESH WATER SWEEPS W SAPP / CON-DET & 2 GALLON SWEEPS OF EZ MUD BACK REAMED UNTIL SLICK

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	2:20 - 5:30	3.17	REE	02	A	P		DRILL FROM 4,748' TO 4,779' JOINT 152 DOWN. DRILLING W/WATER 5 PLEX PUMP ON LINE RATE 7 BPM @ 2500 PSI 15,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,400# MUD: VISC AT 33 WEIGHT 9.5 PPG PUMPED 3, 5 BBL FRESH WATER SWEEPS W SAPP / CON-DET & 2 GALLON SWEEPS OF EZ MUD BACK REAMED UNTIL SLICK HAD TO CHANGE FUEL FILTERS ON THE POWER SWIVEL
	5:30 - 8:10	2.67	REE	02	A	P		DRILL FROM 4,779' TO 4,810' JOINT 153 DOWN. DRILLING W/WATER 5 PLEX PUMP ON LINE RATE 6.6 BPM @ 2700 PSI 15,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,400# PUMP 4 BBL MIXED EZ-MUD / SHALE INHIBITOR SWEEP. TALKED WITH SHANE WITH BARIOD, SAID WE HAVE PLENTY OF THE CARBONOX IN THE MUD SYSTEM AND WELLBORE.
	8:10 - 8:40	0.50	REE	03	A	P		BACK REAM TIGHT HOLE.
	8:40 - 10:55	2.25	REE	02	A	P		DRILL FROM 4,810' TO 4,842' JOINT 154 DOWN. DRILLING W/WATER 5 PLEX PUMP ON LINE RATE 7 BPM @ 2500 PSI 15,000# WOB 120 RPMS ROP 0.2' / MIN TORQUE 3,400#
	10:55 - 11:15	0.33	REE	03	A	P		BACK REAM TIGHT HOLE.
	11:15 - 12:55	1.67	REE	02	A	P		DRILL FROM 4,842' TO 4,873' --- THRU THE SHANNON FORMATION BASE. JOINT 155 DOWN. DRILLING W/WATER 5 PLEX PUMP ON LINE RATE 6.6 BPM @ 2700 PSI 15,000# WOB 120 RPMS ROP 0.3' / MIN TORQUE 3,400# ROP RATE INCREASED AT 4,860' AFTER DRILLING OUT FROM UNDER SHANNON FORMATION.

US ROCKIES REGION
Operation Summary Report

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Spud date: 11/27/1973

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UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	12:55 - 14:30	1.58	REE	02	A	P		DRILL FROM 4,873' TO 4,905' JOINT 156 DOWN. DRILLING W/WATER 5 PLEX PUMP ON LINE RATE 6.6 BPM @ 2700 PSI 15,000# WOB 120 RPMS ROP 0.5' / MIN TORQUE 3,400# BACK REAM THREE TIMES UNTIL SLICK. PUH & LD JOINT 156 TO CHANGE OUT SWIVEL STIFF ARM LINE.
	14:30 - 15:45	1.25	REE	08	A	P		CHANGE OUT POWER SWIVEL STIFF ARM LINE.
	15:45 - 17:40	1.92	REE	02	A	P		PICKUP AND RUN JOINT 156 BACK IN HOLE. DRILL FROM 4,905' TO 4,937' JOINT 157 DOWN. DRILLING W/WATER 5 PLEX PUMP ON LINE RATE 7.5 BPM @ 2500 PSI MUD: VISC AT 32 WEIGHT 9.5 PPG 15,000# WOB 120 RPMS ROP 0.5' / MIN TORQUE 3,400# BACK REAM UNTIL SLICK.
	17:40 - 19:45	2.08	REE	02	A	P		DRILL FROM 4,937' TO 4,967' JOINT 158 DOWN. LOST 900 PSI OF PUMP PRESSURE CALLED RODRIGO AND DISCUSSED THE PRESSURE LOST, EVERYTHING @ SURFACE SEEMS NORMAL, PIPE PICKS UP WITH FULL WEIGHT, STARTED TO SWITCH FROM THE 5 PLEX PUMP TO THE 2 TRIPLEX PUMPS TO SEE IF IT WAS A PUMP ISSUE WHEN THE STRING PARTED. PIPE WAS ABOUT 10' OFF BOTTOM WHEN IT PARTED
	19:45 - 20:00	0.25	REE	22	O	S		LOST 900 PSI OF PUMP PRESSURE CALLED RODRIGO AND DISCUSSED THE PRESSURE LOST, EVERYTHING @ SURFACE SEEMS NORMAL, PIPE PICKS UP WITH FULL WEIGHT, STARTED TO SWITCH FROM THE 5 PLEX PUMP TO THE 2 TRIPLEX PUMPS TO SEE IF IT WAS A PUMP ISSUE WHEN THE STRING PARTED. PIPE WAS ABOUT 10' OFF BOTTOM WHEN IT PARTED
	20:00 - 21:00	1.00	REE	22	O	S		RU PUMP TO CIRCULATE TO TANK TO KEEP FROM FREEZING, START RD OF THE POWER SWIVEL
	21:00 - 23:00	2.00	REE	22	O	S		THE PUSHER USED THE FORKLIFT TO TO MOVE THE POWER SWIVEL TRAILER TO LOAD THE POWER SWIVEL & HOOKED THE GEROMINO LINE WITH THE FORKLIFT BREAKING IT LOOSE ON ONE SIDE OF THE TBG BOARD. GOT EVERYONE AWAY FROM BEING BELOW THE TBG BOARD, & CALLED SUPERVISORS FROM BOTH ANADARKO & ENSIGN. HELD SAFETY STANDOWN & WAITED FOR ENSIGN SAFETY REPRESENTATIVE TO ARRIVE.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

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Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	23:00 - 0:00	1.00	REE	22	O	S		ENSIGN SAFETY REPRESENTATIVE (ALBERT RODRIQUEZ) ARRIVED ON LOCATION, THE OPERATOR & ALBERT WENT UP TO THE TUBING BOARD & INSPECTED THE DAMAGE. ALBERT SAID WE COULD LD PIPE BUT WOULD LIKE TO WAIT UNTIL DAYLIGHT TO COMPLETE THE INSPECTION BEFORE WE BEGIN FISHING OPERATIONS
12/18/2016	0:00 - 0:25	0.42	REE	06	G	S		LD 18 JTS OF 2 7/8" AOH DRILL PIPE, THE PIN WAS WASHED OUT
	0:25 - 14:30	14.08	REE	21	C	S		WHILE WAITING ON DAYLIGHT FOR FURTHER INSPECTION, THE CREW REMOVED THE DAMAGED HANDRAIL FROM TBG BOARD. HELD A SAFETY MEETING WITH THE HANDS AND APC FOREMAN BEFORE STARTING REPAIRS. ENSIGN MADE REPAIRS TO THE TBG BOARD.
	14:30 - 15:30	1.00	REE	19	A	P		RMOR UNLOAD FISHING BHA. PU/MU 7" STANDARD CATCH OVERSHOT LOADED WITH 3-3/4" SPIRAL GRAPPLE, MILL CONTROL WITH PACK-OFF & CS, BS, HYD JARS, 4 3-1/2" DC'S AND INTENSIFIER. BHA TOTAL LENGTH- 166.50'.
	15:30 - 16:00	0.50	REE	19	A	P		PU/TH WITH 11 JOINTS AOH DP. TAG AT 511'.
	16:00 - 19:30	3.50	REE	19	A	P		PU POWER SWIVEL. CIRCULATE DOWN BUT ONLY GOT DOWN TO 515'
	19:30 - 21:15	1.75	REE	19	A	P		RU TO CIRCULATE TO TANK WHILE TRIPPING & RD POWER SWIVEL. POOH W/OVERSHOT
	21:15 - 23:00	1.75	REE	19	A	P		BREAK APART OVERSHOT & COULD NOT FIND ANY MARKS ON THE OUTSIDE OR INSIDE OF THE OVERSHOT, THE PACKOFF WAS GONE, REPLACED THE PACKOFF, MADE UP THE SAME OVERSHOT WITH CUTLIP GUIDE THAT HAS OD OF 5 3/4" & RIH TAGGED @ THE SAME SPOT & STARTED WORKING IT DOWN SLOWLY AS IT KEPT TORQUEING UP FOR ABOUT 10' & THEN STARTED GOING BETTER.
	23:00 - 0:00	1.00	REE	19	A	P		WORKED DOWN TO FISH. LATCHED ONTO FISH, PICKED UP & HAD SOME DRAG.
12/19/2016	0:00 - 2:00	2.00	REE	05	C	P		MIX & PUMP SWEEP WITH EZ-MUD, CIRCULATED HOLE CLEAN
	2:00 - 4:00	2.00	REE	19	A	P		RD POWER SWIVEL & TOOHI, PULLED TIGHT, LD FISHING BHA.
	4:00 - 9:00	5.00	REE	06	A	P		LD 130 JOINTS DP. LD 10 DC'S. THE 7-7/8" BIT IS IN GOOD SHAPE.
	9:00 - 15:00	6.00	REE	21	D	P		ENSIGN IS BUILDING A MUD MOTOR TO RUN BACK WITH. AT THIS TIME WE HAVE TRUCKS IN TO PULL THE MUD FROM ACTIVE PIT AND HYDRO-VAC TO CLEAN THE PIT TO START FRESH WITH CLEAN FLUID FOR MUD MOTOR. RE-SPOT PIPE TRIPPER. LOAD PIPE RACKS WITH DC'S AND 2-7/8" AOH DP. ENSIGN DID MAINTENANCE DURING THIS TIME.
	15:00 - 16:15	1.25	REE	06	A	P		PU/MU SAME 7-7/8" TRI-CONE BIT, 3-1/2" REG PIN X 4-1/2" REG BOX XO, ENSIGN MUD MOTOR AND 10 4-3/4" DC'S, 3-1/2" IF PIN X 2-7/8" AOH BOX.
	16:15 - 22:45	6.50	REE	06	A	P		TALLY & PU 2-7/8" AOH DP, STOP & FILL PIPE EVERY 50 JTS, TAG UP @ 4,945'

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	22:45 - 0:00	1.25	REE	03	E	P		RD TBG TONGS, RU POWER SWIVEL & REAM DOWN TO 4,953' JT #157 DOWN
12/20/2016	0:00 - 2:18	2.30	REE	02	B	P		REAM FROM 4,953' TO 4,967' DRILL FROM 4,967' TO 4,984' JOINT 158 DOWN. DRILLING W/WATER & ENSIGN LOW TORQUE MUD MOTOR 5 PLEX PUMP ON LINE RATE 241 GPM .46 RPG 150 PSI DIFFERENTIAL 40 RPMS ON POWER SWIVEL 13,000# WOB ROP 0.2' / MIN TORQUE 3,400# PUMPED 2 EZ-MUD SWEEPS
	2:18 - 3:45	1.45	REE	02	B	P		DRILL FROM 4,984' TO 4,990' DRILLING W/WATER & ENSIGN LOW TORQUE MUD MOTOR 5 PLEX PUMP ON LINE RATE 241 GPM .46 RPG 150 PSI DIFFERENTIAL 40 RPMS ON POWER SWIVEL 13,000# WOB TORQUE 3,400# HAD A LOT OF TORQUE ON POWER SWIVEL & STRING, NOT MAKING HOLE, POWER SWIVEL WOULD STALL OUT EVEN OFF OF BOTTOM, LD 1 JT & HAD SAME ISSUES WITH THE POWER SWIVEL TORQUEING UP EVEN 30' OFF OF BOTTOM, STRING WOULD ROTATE FREELY ONLY WHILE MOVING UP OR DOWN, WHEN STOPPED IT WOULD TORQUE UP & STALL OUT
	3:45 - 4:30	0.75	REE	06	F	X		LD POWER SWIVEL & RU TO POOH
	4:30 - 6:45	2.25	REE	06	F	X		TOOH TO DERRICK. BIT PULLED TIGHT AT 815' FROM SURFACE. AND ALSO PULLING SLIGHTLY TIGHT FROM 815' UP TO BOTTOM OF CASING SHOE AT 482'. PULLED BIT UP TO 438' IN SURFACE CASING.
	6:45 - 7:30	0.75	REE	06	F	X		TRIP BACK IN WITH BIT AND STACKED OUT AT 482' AT THE CASING SHOE. NOT ABLE TO WORK THRU. LD JOINT PREP TO PU SWIVEL.
	7:30 - 9:00	1.50	REE	03	A	X		PU/RU POWER SWIVEL. BREAK CIRCULATION WITH THE 340 PUMP. WORK THRU TIGHT SPOT WITH NO PROBLEMS. PUMP ISSUES, SHUT DOWN.
	9:00 - 10:00	1.00	REE	08	B	Z		REPAIR 340 PUMP LEAK. 400 PUMP BACK UP AND RUNNING. ATTEMPT TO CIRCULATE. MOTOR PLUGGED. THE 400 PUMP HAS A LINER LEAKING BAD. ONLY 340 PUMP RUNNING.
	10:00 - 12:00	2.00	REE	06	H	Z		RD SWIVEL. TOOH 6 JOINTS DP & DC'S. LD MUD MOTOR. FOUND THAT THE MOTOR BEARING HOUSING HAS BACKED OFF. BIT IS OUT OF THE HOLE.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

End date: 1/17/2017

Active datum: RKB @4,902.00usft (above Mean Sea Level)

UWI: SW/NE/0/2/N/67/W/4/0/0/4/PRIME/N/1,650.00/E/0/1,650.00/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
12/21/2016	12:00 - 15:30	3.50	REE	21	A	P		WO ORDERS. DECISION WAS MADE TO PLUG THE WELL.
	15:30 - 18:25	2.92	REE	06	A	P		LD DRILL COLLARS, TIH W/DRILLPIPE FROM DERRICK. .
	18:25 - 21:45	3.33	REE	06	A	P		LD DRILLPIPE
	21:45 - 22:10	0.42	REE	06	C	P		CHANGE TBG TONGS & ELEVATORS
	22:10 - 0:00	1.83	REE	06	C	P		MOVE 2 7/8" TBG TO PIPE RACKS, TALLY & RIH
	0:00 - 2:30	2.50	ABANDP	06	C	P		RIH WITH 157 JTS OF 2 7/8" TBG, TAG @ 4,987'
	2:30 - 3:00	0.50	ABANDP	05	G	P		DISPLACE MUD FROM TBG FOR RUNNING THE GYRO
	3:00 - 6:00	3.00	ABANDP	21	D	P		WAIT ON SLICKLINE FOR RUNNING GYRO, START RIGGING DOWN UNNECESSARY EQUIPMENT
	6:00 - 9:00	3.00	ABANDP	11	C	P		RU CORE-TECH. RIH GYRO FROM SURFACE TO 4900'. POOH. RDMO SL.
	9:00 - 14:00	5.00	ABANDP	21	E	P		WO SCHLUMBERGER CEMENTERS. LOAD DP OUT AND A&W HAUL TO PATTERSONS MILLIKEN COLORADO YARD. BREAK OUT PUMPS AND HARD LINES. CLEAN TANKS.
	14:00 - 16:00	2.00	ABANDP	12	G	P		MIRU SCHLUMBERGER CEMENTERS. HELD SAFETY MEETING. MIX AND PUMP 185 SKS CLASS G CEMENT MIXED 15.8 PPG, 1.51 CF/SK YIELD.
	16:00 - 17:00	1.00	ABANDP	06	C	P		LD 22 JOINTS TO 4283'. PULL 6 STDs TO 3907'. REVERSE OUT TBG WITH 46 BBLS / TWICE CAP. NO CEMENT BACK IN CLEAN UP.
	17:00 - 17:15	0.25	ABANDP	06	C	P		PULL 10 STDs TO 3270'. SWI.
	17:15 - 21:00	3.75	ABANDP	13	B	P		WOC. CONCORD HAULED OFF 80 BBLS OF MUD
	21:00 - 21:30	0.50	ABANDP	06	C	P		WATER TRUCKS ARRIVED, STARTED SPOTTING & RIGGING UP WATER TRUCKS FOR CEMENT, STARTED RIH WITH TBG, TAG W/134 JTS @ 4,255'
12/22/2016	21:30 - 21:50	0.33	ABANDP	23		P		REVIEW JSA BEFORE RU TO CEMENT
	21:50 - 22:50	1.00	ABANDP	12	G	P		RU SCHLUMBERGER, PRESSURE TEST LINES TO 2,500 PSI & PUMP 170 SKS (45.7 BBLS) OF 15.8 PPG, 1.51 YLD, CLASS G CEMENT @ 4,255'. DISPLACE WITH 20 BBLS
	22:50 - 23:15	0.42	ABANDP	06	C	P		LD 30 JTS
	23:15 - 23:30	0.25	ABANDP	05	G	P		REVERSE CIRCULATE CLEAN WITH 40 BBLS @ 3,300', HAD 5 BBLS OF CEMENT RETURNS
	23:30 - 0:00	0.50	ABANDP	06	C	P		LD TBG
	0:00 - 0:45	0.75	ABANDP	06	C	P		LD TBG
	0:45 - 1:00	0.25	ABANDP	12	G	P		RU SCHLUMBERGER, REVIEW JSA
	1:00 - 2:15	1.25	ABANDP	12	G	P		PRESSURE TEST LINES TO 2,500 PSI & PUMP 268 SKS (71 BBLS) OF 15.8 PPG, 1.50 YLD, CLASS G CEMENT @ 1,050'. DISPLACE WITH 1 BBL, GOOD RETURNS
	2:15 - 2:30	0.25	ABANDP	06	C	P		LD 29 JTS OF TBG
	2:30 - 3:00	0.50	ABANDP	05	G	P		CIRCULATE CLEAN
	3:00 - 3:10	0.17	ABANDP	06	C	P		LD TBG
	3:10 - 8:00	4.83	ABANDP	13	A	P		WOC
	8:00 - 9:30	1.50	ABANDP	17	A	P		RU RELIANCE WIRELINE. PU 8-5/8" CIBP, RIH TAG TOC AT 272'. PUH AND SET CIBP AT 80'. POOH. RDMO WL.
	9:30 - 11:00	1.50	ABANDP	01	A	P		RD RIG FLOOR. ND ANNULAR. ND BOP STACK.

US ROCKIES REGION
Operation Summary Report

Well: ROBERT E BALDWIN UNIT #1

Spud date: 11/27/1973

Project: COLORADO-WELD-NAD83-UTM13

Site: ROBERT E BALDWIN UNIT #1

Rig name no.: ENSIGN 312/312

Event: RE ENTER

Start date: 12/6/2016

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:00 - 12:00	1.00	ABANDP	01	E	P		RDMO ENSIGN RIG #312. RIG RELEASED. TRUCKS ARE MOVING EQUIPMENT OFF LOCATION. FINISHING UP CLEAN UP WORK. ALL RENTALS RELEASED.
1/17/2017	6:00 - 7:00	1.00	ABANDP	53		P		pressure tested CIBP, surface casing to 500 psi
	7:00 - 8:00	1.00	ABANDP	53		P		dug up surface casing
	8:00 - 9:00	1.00	ABANDP	53		P		cut casing 6' below GL, tagged @ 65'
	9:00 - 10:00	1.00	ABANDP	53		P		filled casing stub with 30 bags 5000 psi cement
	10:00 - 11:00	1.00	ABANDP	53	A	P		capped casing with a metal plate containg well info
	11:00 - 12:00	1.00	ABANDP	53		P		backfilled
	10:00 - 10:00	0.00	ABANDP	50		P		RE-ENTRY P&A OFFLINE, JSND.