

CUSTOMER NAME	MERIDIAN OIL INC.	
WELL NAME	SAN JUAN 30_6 SWD #2 STEP RATE TEST #3	
DISTRICT	FARMINGTON	
TREATMENT DATE		020590 MMDDYY
FIELD RECEIPT AND STAGE NUMBER (FFFFFFF5)		1133702
WESTERN REPRESENTATIVE	FLYIN R.W./ WILD BILL	
CUSTOMER REPRESENTATIVE	CHRIS SETTLE	
PLOT HOW OFTEN?		10 SEC
PRINT HOW OFTEN?		10 SEC
STORE HOW OFTEN?		10 SEC
LOGLOG STARTING TIME		1 MIN
LOGLOG ENDING TIME		1000 MIN
LOGLOG STARTING PRESSURE		100 PSI
LOGLOG ENDING PRESSURE		10000 PSI
LOGLOG MONITOR		L L,R
LOGLOG CURVES ON PLOTTER ?		? Y Y,N

PICK A RECORD	IDUMP GRAPHICS	1	IADD	I ON SQRTIME
ON WITH JOB	I*OFF SQRTIME	1	IREPLACE	IDELETE
		ENTER		

PROPPANT & FLUID DESCRIPTION STEP RATE FRESH H2O BLUFF
 NUMBER OF PERFORATIONS
 PERFORATION DIAMETER
 SPECIFIC GRAVITY OF FLUID
 TREATING DEPTH
 FRICTION PRESSURE GRADIENT
 RATE
 LENGTH OF TUBING
 CAPACITY OF TUBING
 CLOSURE STRESS
 CASING INSIDE DIAMETER
 TUBING OUTSIDE DIAMETER
 FRICTION PRESSURE SLOPE
 TUBING INSIDE DIAMETER
 HH FLUID IN TUBING FOR TOOL
 PLOTTER PRESSURE P2/P3/P6/P7
 HH FLUID IN TUBING FOR P2

75.B.W
 82
 .54 inches
 1.00
 8436 ft
 1.1 psi/Kft
 20 BPM
 8124 ft
 314 bbl
 4800 psi
 6.366 inches
 6.366 inches
 1.33
 6.366 inches
 0 psi
 3 2/3/6/7
 0 psi

PICK A RECORD 1 DUMP GRAPHICS 1 2
 ON WITH JOB 1 *OFF SORTIME 1 ENTER

1 ADD
 1 REPLACE

1 ON SORTIME
 1 DELETE

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MERIDIAN OIL INC.

SAN JUAN 30_5 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

03:37:17	00:00:10	274.0	3928.0	.8	0.0	1.0
03:37:29	00:00:21	290.0	3944.0	.8	0.0	1.0
03:37:39	00:00:31	292.0	3945.9	1.3	0.0	1.2
03:37:49	00:00:41	298.0	3951.9	1.2	0.0	2.0
03:38:14	00:01:07	294.0	3948.0	.7	0.0	2.0
03:38:24	00:01:17	294.0	3948.0	.6	0.0	2.0

03:38:34	00:01:27	304.0	3958.0	.7	0.0	2.0
03:38:44	00:01:37	312.0	3966.0	.8	0.0	2.0
03:38:54	00:01:47	308.0	3962.0	.9	0.0	2.4
03:39:04	00:01:57	310.0	3964.0	.9	0.0	3.0
03:39:14	00:02:07	308.0	3962.0	.9	0.0	3.0
03:39:24	00:02:17	310.0	3964.0	.9	0.0	3.0

03:39:34	00:02:27	308.0	3962.0	.9	0.0	3.0
03:39:44	00:02:37	310.0	3964.0	.8	0.0	3.0
03:39:54	00:02:47	326.0	3980.0	.8	0.0	3.0
03:40:04	00:02:57	336.0	3990.0	.8	0.0	3.4
03:40:14	00:03:07	342.0	3996.0	.8	0.0	4.0
03:40:24	00:03:17	330.0	3984.0	.9	0.0	4.0

03:40:34	00:03:27	332.0	3986.0	.9	0.0	4.0
03:40:44	00:03:37	334.0	3988.0	1.0	0.0	4.0
03:40:54	00:03:47	330.0	3984.0	1.0	0.0	4.0
03:41:04	00:03:57	332.0	3986.0	1.0	0.0	4.0
03:41:14	00:04:07	338.0	3992.0	1.0	0.0	5.0
03:41:24	00:04:17	340.0	3994.0	1.0	0.0	5.0

03:41:34	00:04:27	338.0	3992.0	1.1	0.0	5.0
03:41:44	00:04:37	340.0	3994.0	1.1	0.0	5.0
03:41:54	00:04:47	342.0	3996.0	1.1	0.0	5.0
03:42:04	00:04:57	348.0	4002.0	1.1	0.0	5.2
03:42:14	00:05:07	346.0	4000.0	1.0	0.0	6.0
03:42:24	00:05:17	346.0	4000.0	1.0	0.0	6.0

03:42:34	00:05:27	348.0	4002.0	1.1	0.0	6.0
03:42:44	00:05:37	352.0	4006.0	1.0	0.0	6.0
03:42:54	00:05:47	352.0	4006.0	1.0	0.0	6.0
03:43:04	00:05:57	350.0	4004.0	1.0	0.0	6.4
03:43:14	00:06:07	352.0	4006.0	1.0	0.0	7.0
03:43:24	00:06:17	354.0	4008.0	1.0	0.0	7.0

03:43:34	00:06:27	358.0	4012.0	1.0	0.0	7.0
03:43:44	00:06:37	356.0	4010.0	1.0	0.0	7.0
03:43:54	00:06:47	360.0	4014.0	1.1	0.0	7.0
03:44:04	00:06:57	360.0	4014.0	1.1	0.0	7.6
03:44:14	00:07:07	356.0	4010.0	1.0	0.0	8.0
03:44:24	00:07:17	360.0	4013.9	1.1	0.0	8.0

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

03:44:34	00:07:27	360.0	4014.0	1.0	0.0	8.0
03:44:44	00:07:37	362.0	4016.0	1.0	0.0	8.0
03:44:54	00:07:47	366.0	4020.0	1.0	0.0	8.0
03:45:04	00:07:57	366.0	4020.0	1.0	0.0	9.0
03:45:14	00:08:07	366.0	4020.0	1.0	0.0	9.0
03:45:24	00:08:17	366.0	4020.0	1.0	0.0	9.0

03:45:34	00:08:27	370.0	4024.0	1.1	0.0	9.0
03:45:44	00:08:37	368.0	4022.0	1.0	0.0	9.0
03:45:54	00:08:47	372.0	4025.9	1.1	0.0	9.2
03:46:04	00:08:57	372.0	4026.0	1.0	0.0	10.0
03:46:14	00:09:07	370.0	4024.0	1.1	0.0	10.0
03:46:24	00:09:17	374.0	4027.9	1.1	0.0	10.0

03:46:34	00:09:27	376.0	4030.0	1.1	0.0	10.0
03:46:44	00:09:37	376.0	4030.0	1.0	0.0	10.0
03:46:54	00:09:47	374.0	4028.0	1.1	0.0	10.4
03:47:04	00:09:57	376.0	4030.0	1.0	0.0	11.0
03:47:14	00:10:07	380.0	4034.0	1.1	0.0	11.0
03:47:24	00:10:17	376.0	4029.9	1.1	0.0	11.0

03:47:34	00:10:27	380.0	4033.9	1.1	0.0	11.0
03:47:44	00:10:37	380.0	4033.9	1.1	0.0	11.0
03:47:54	00:10:47	374.0	4028.0	1.0	0.0	12.0
03:48:04	00:10:57	378.0	4032.0	1.1	0.0	12.0
03:48:14	00:11:07	382.0	4035.9	1.1	0.0	12.0
03:48:24	00:11:17	384.0	4037.9	1.1	0.0	12.0

03:48:34	00:11:27	382.0	4035.9	1.1	0.0	12.0
03:48:44	00:11:37	382.0	4035.9	1.1	0.0	12.4
03:48:54	00:11:47	388.0	4041.9	1.1	0.0	13.0
03:49:04	00:11:57	388.0	4041.9	1.1	0.0	13.0
03:49:14	00:12:07	388.0	4042.0	1.1	0.0	13.0
03:49:24	00:12:17	390.0	4043.9	1.1	0.0	13.0

03:49:34	00:12:27	386.0	4039.9	1.1	0.0	13.0
03:49:44	00:12:37	390.0	4043.9	1.1	0.0	13.8
03:49:54	00:12:47	390.0	4044.0	1.0	0.0	14.0
03:50:04	00:12:57	390.0	4044.0	1.1	0.0	14.0
03:50:14	00:13:07	396.0	4049.9	1.1	0.0	14.0
03:50:24	00:13:17	396.0	4050.0	1.0	0.0	14.0

03:50:34	00:13:27	392.0	4046.0	1.0	0.0	14.0
03:50:44	00:13:37	392.0	4045.9	1.1	0.0	15.0
03:50:54	00:13:47	396.0	4049.9	1.1	0.0	15.0
03:51:04	00:13:57	394.0	4048.0	1.0	0.0	15.0
03:51:14	00:14:07	398.0	4051.9	1.1	0.0	15.0
03:51:24	00:14:17	400.0	4054.0	1.1	0.0	15.0

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

03:51:34	00:14:27	398.0	4052.0	1.0	0.0	15.6
03:51:44	00:14:37	396.0	4049.9	1.1	0.0	16.0
03:51:54	00:14:47	400.0	4053.9	1.1	0.0	16.0
03:52:04	00:14:57	400.0	4053.9	1.1	0.0	16.0

Surface Press (psi) = 400
Actual Press (psi) = 0
Bottom Press (psi) = 4053
Closure Press (psi) = 3500
Fractur Press (psi) = 553
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 0
Fric Slurry (psi) = 0
Average Counter = 3
BHP Tool (psi) = 0

Blender Rate (BPM) = 1.08
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 88
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 88

DAY TIME
03:52:11

JOB TIME
00:15:04

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWest Prop
Ichange Disc Iend Monitoring

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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03:52:14	00:15:07	400.0	4053.9	1.1	0.0	16.0
03:52:24	00:15:17	408.0	4061.9	1.3	0.0	16.0
03:52:34	00:15:27	418.0	4071.6	2.4	0.0	17.0
03:52:44	00:15:37	436.0	4089.6	2.3	0.0	17.0
03:52:54	00:15:47	434.0	4087.7	2.0	0.0	17.4
03:53:04	00:15:57	438.0	4091.7	1.9	0.0	18.0

03:53:14	00:16:07	434.0	4087.7	1.9	0.0	18.0
03:53:24	00:16:17	444.0	4097.7	1.8	0.0	18.2
03:53:34	00:16:27	444.0	4097.7	1.9	0.0	19.0
03:53:44	00:16:37	442.0	4095.8	1.8	0.0	19.0
03:53:54	00:16:47	442.0	4095.7	1.8	0.0	19.0
03:54:04	00:16:57	450.0	4103.7	1.9	0.0	20.0

03:54:14	00:17:07	454.0	4107.7	2.0	0.0	20.0
03:54:24	00:17:17	450.0	4103.6	2.2	0.0	20.0
03:54:34	00:17:27	458.0	4111.7	2.1	0.0	21.0
03:54:44	00:17:37	452.0	4105.7	2.0	0.0	21.0
03:54:54	00:17:47	452.0	4105.7	2.0	0.0	21.2
03:55:04	00:17:57	460.0	4113.7	2.0	0.0	22.0

03:55:14	00:18:07	460.0	4113.7	2.0	0.0	22.0
03:55:24	00:18:17	462.0	4115.7	2.0	0.0	22.2
03:55:34	00:18:27	468.0	4121.7	1.9	0.0	23.0
03:55:44	00:18:37	472.0	4125.7	2.0	0.0	23.0
03:55:54	00:18:47	466.0	4119.7	1.9	0.0	23.0
03:56:04	00:18:57	466.0	4119.7	2.0	0.0	24.0

03:56:14	00:19:07	474.0	4127.7	2.0	0.0	24.0
03:56:24	00:19:17	474.0	4127.7	1.9	0.0	24.0
03:56:34	00:19:27	480.0	4133.7	1.9	0.0	25.0
03:56:44	00:19:37	476.0	4129.7	1.9	0.0	25.0
03:56:54	00:19:47	484.0	4137.7	1.9	0.0	25.0
03:57:04	00:19:57	480.0	4133.7	2.0	0.0	26.0

03:57:14	00:20:07	472.0	4125.7	2.0	0.0	26.0
03:57:24	00:20:17	484.0	4137.7	2.0	0.0	26.0
03:57:34	00:20:27	486.0	4139.7	1.9	0.0	27.0
03:57:44	00:20:37	492.0	4145.7	1.9	0.0	27.0
03:57:54	00:20:47	478.0	4131.7	1.9	0.0	27.0
03:58:04	00:20:57	490.0	4143.7	1.9	0.0	27.8

03:58:14	00:21:07	494.0	4147.7	2.0	0.0	28.0
03:58:24	00:21:17	480.0	4133.7	1.9	0.0	28.0
03:58:34	00:21:27	490.0	4143.7	2.0	0.0	28.6
03:58:44	00:21:37	492.0	4145.7	1.9	0.0	29.0
03:58:54	00:21:47	498.0	4151.7	1.9	0.0	29.0
03:59:04	00:21:57	488.0	4141.7	1.9	0.0	29.6

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MERIDIAN OIL INC.

SAN JUAN 30_5 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
03:59:14	00:22:07	490.0	4143.7	1.9	0.0	30.0
03:59:24	00:22:17	496.0	4149.7	1.9	0.0	30.0
03:59:34	00:22:27	498.0	4151.7	1.9	0.0	30.4
03:59:44	00:22:37	496.0	4149.7	1.9	0.0	31.0
03:59:54	00:22:47	496.0	4149.7	1.9	0.0	31.0
04:00:04	00:22:57	494.0	4147.7	1.9	0.0	31.4
04:00:14	00:23:07	498.0	4151.7	1.9	0.0	32.0
04:00:24	00:23:17	508.0	4161.7	1.9	0.0	32.0
04:00:34	00:23:27	504.0	4157.7	1.9	0.0	32.2
04:00:44	00:23:37	498.0	4151.7	1.9	0.0	33.0
04:00:54	00:23:47	508.0	4161.7	1.9	0.0	33.0
04:01:04	00:23:57	504.0	4157.7	1.9	0.0	33.0
04:01:14	00:24:07	514.0	4167.7	1.9	0.0	34.0
04:01:24	00:24:17	508.0	4161.7	1.9	0.0	34.0
04:01:34	00:24:27	510.0	4163.7	1.9	0.0	34.0
04:01:44	00:24:37	504.0	4157.7	1.9	0.0	35.0
04:01:54	00:24:47	498.0	4151.7	1.9	0.0	35.0
04:02:04	00:24:57	516.0	4169.7	1.9	0.0	35.0
04:02:14	00:25:07	516.0	4169.7	1.9	0.0	36.0
04:02:24	00:25:17	514.0	4167.7	1.9	0.0	36.0
04:02:34	00:25:27	520.0	4173.7	1.9	0.0	36.0
04:02:44	00:25:37	518.0	4171.7	1.9	0.0	36.8
04:02:54	00:25:47	510.0	4163.7	1.9	0.0	37.0
04:03:04	00:25:57	516.0	4169.7	1.9	0.0	37.0
04:03:14	00:26:07	520.0	4173.7	1.9	0.0	37.6
04:03:24	00:26:17	518.0	4171.7	1.9	0.0	38.0
04:03:34	00:26:27	520.0	4173.7	1.9	0.0	38.0
04:03:44	00:26:37	516.0	4169.7	1.9	0.0	38.4
04:03:54	00:26:47	520.0	4173.7	1.9	0.0	39.0
04:04:04	00:26:57	528.0	4181.7	1.9	0.0	39.0
04:04:14	00:27:07	530.0	4183.7	1.9	0.0	39.2
04:04:24	00:27:17	518.0	4171.7	1.9	0.0	40.0
04:04:34	00:27:27	524.0	4177.7	1.9	0.0	40.0
04:04:44	00:27:37	526.0	4179.7	1.9	0.0	40.2
04:04:54	00:27:47	522.0	4175.7	1.9	0.0	41.0
04:05:04	00:27:57	526.0	4179.7	1.9	0.0	41.0
04:05:14	00:28:07	528.0	4181.7	1.9	0.0	41.0
04:05:24	00:28:17	522.0	4175.7	1.9	0.0	42.0
04:05:34	00:28:27	536.0	4189.7	1.9	0.0	42.0
04:05:44	00:28:37	528.0	4181.7	1.9	0.0	42.0
04:05:54	00:28:47	528.0	4181.7	1.9	0.0	43.0
04:06:04	00:28:57	540.0	4193.7	1.9	0.0	43.0

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SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

04:06:14	00:29:07	534.0	4187.7	1.9	0.0	43.0
04:06:24	00:29:17	530.0	4183.7	1.9	0.0	43.8
04:06:34	00:29:27	534.0	4187.7	1.9	0.0	44.0
04:06:44	00:29:37	542.0	4195.7	1.9	0.0	44.0
04:06:54	00:29:47	534.0	4187.7	1.9	0.0	44.6
04:07:04	00:29:57	534.0	4187.7	1.9	0.0	45.0

Surface Press (psi) = 534
Actual Press (psi) = 0
Bottom Press (psi) = 4187
Closure Press (psi) = 3500
Fractur Press (psi) = 687
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 0
Fric Slurry (psi) = 0
Average Counter = 3
BHP Tool (psi) = 0

Blender Rate (BPM) = 1.92
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 84
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 178

DAY TIME
04:07:10

JOB TIME
00:30:03

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAUXITE IWEST PROP
ICHANGE DISC IEND MONITORING

WESTERN PETROLEUM SERVICES

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

04:07:14	00:30:07	538.0	4191.7	1.9	0.0	45.0
04:07:24	00:30:17	552.0	4205.6	2.4	0.0	45.6
04:07:34	00:30:27	556.0	4209.5	2.8	0.0	46.0
04:07:44	00:30:37	582.0	4235.2	3.4	0.0	46.4
04:07:54	00:30:47	596.0	4249.3	3.3	0.0	47.0
04:08:04	00:30:57	588.0	4241.3	3.1	0.0	47.6

04:08:14	00:31:07	594.0	4247.4	2.8	0.0	48.0
04:08:24	00:31:17	584.0	4237.4	2.8	0.0	48.6
04:08:34	00:31:27	594.0	4247.4	3.0	0.0	49.0
04:08:44	00:31:37	604.0	4257.3	3.2	0.0	49.6
04:08:54	00:31:47	602.0	4255.3	3.2	0.0	50.0
04:09:04	00:31:57	610.0	4263.3	3.2	0.0	50.8

04:09:14	00:32:07	616.0	4269.3	3.2	0.0	51.0
04:09:24	00:32:17	612.0	4265.3	3.2	0.0	52.0
04:09:34	00:32:27	624.0	4277.3	3.1	0.0	52.0
04:09:44	00:32:37	624.0	4277.4	3.0	0.0	53.0
04:09:54	00:32:47	624.0	4277.4	3.0	0.0	53.0
04:10:04	00:32:57	634.0	4287.4	3.0	0.0	54.0

04:10:14	00:33:07	630.0	4283.4	3.0	0.0	54.0
04:10:24	00:33:17	638.0	4291.4	3.0	0.0	55.0
04:10:34	00:33:27	640.0	4293.4	3.0	0.0	55.0
04:10:44	00:33:37	638.0	4291.4	3.0	0.0	56.0
04:10:54	00:33:47	642.0	4295.4	3.0	0.0	56.0
04:11:04	00:33:57	648.0	4301.4	3.0	0.0	57.0

04:11:14	00:34:07	654.0	4307.4	3.0	0.0	57.0
04:11:24	00:34:17	650.0	4303.4	3.0	0.0	58.0
04:11:34	00:34:27	652.0	4305.4	3.0	0.0	58.0
04:11:44	00:34:37	656.0	4309.4	3.0	0.0	59.0
04:11:54	00:34:47	660.0	4313.4	3.0	0.0	59.0
04:12:04	00:34:57	654.0	4307.4	3.0	0.0	60.0

04:12:14	00:35:07	656.0	4309.4	2.9	0.0	60.0
04:12:24	00:35:17	658.0	4311.4	3.0	0.0	61.0
04:12:34	00:35:27	662.0	4315.4	3.0	0.0	61.0
04:12:44	00:35:37	664.0	4317.4	3.0	0.0	62.0
04:12:54	00:35:47	668.0	4321.4	3.0	0.0	62.0
04:13:04	00:35:57	662.0	4315.4	3.0	0.0	63.0

04:13:14	00:36:07	664.0	4317.4	3.0	0.0	63.0
04:13:24	00:36:17	668.0	4321.4	3.0	0.0	64.0
04:13:34	00:36:27	676.0	4329.4	3.0	0.0	64.0
04:13:44	00:36:37	676.0	4329.4	3.0	0.0	65.0
04:13:54	00:36:47	678.0	4331.4	3.0	0.0	65.0
04:14:04	00:36:57	678.0	4331.4	3.0	0.0	66.0

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL	R	INSTANT	TEMPERA
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04:14:14	00:37:07	680.0	4333.4	3.0	0.0	66.0
04:14:24	00:37:17	686.0	4339.4	3.0	0.0	67.0
04:14:34	00:37:27	686.0	4339.4	3.0	0.0	67.0
04:14:44	00:37:37	690.0	4343.4	3.0	0.0	68.0
04:14:54	00:37:47	694.0	4347.4	3.0	0.0	68.0
04:15:04	00:37:57	696.0	4349.4	3.0	0.0	68.8

04:15:14	00:38:07	696.0	4349.4	3.0	0.0	69.0
04:15:24	00:38:17	692.0	4345.4	3.0	0.0	69.8
04:15:34	00:38:27	690.0	4343.4	2.9	0.0	70.0
04:15:44	00:38:37	694.0	4347.4	3.0	0.0	70.8
04:15:54	00:38:47	698.0	4351.4	3.0	0.0	71.0
04:16:04	00:38:57	700.0	4353.4	3.0	0.0	71.8

04:16:14	00:39:07	702.0	4355.4	3.0	0.0	72.0
04:16:24	00:39:17	706.0	4359.4	3.0	0.0	72.8
04:16:34	00:39:27	710.0	4363.4	3.0	0.0	73.0
04:16:44	00:39:37	708.0	4361.4	2.9	0.0	73.8
04:16:54	00:39:47	710.0	4363.4	3.0	0.0	74.0
04:17:04	00:39:57	712.0	4365.4	3.0	0.0	74.6

04:17:14	00:40:07	710.0	4363.4	2.9	0.0	75.0
04:17:24	00:40:17	712.0	4365.4	3.0	0.0	75.6
04:17:34	00:40:27	714.0	4367.4	3.0	0.0	76.0
04:17:44	00:40:37	714.0	4367.4	3.0	0.0	76.6
04:17:54	00:40:47	714.0	4367.4	3.0	0.0	77.0
04:18:04	00:40:57	714.0	4367.4	3.0	0.0	77.6

04:18:14	00:41:07	714.0	4367.4	3.0	0.0	78.0
04:18:24	00:41:17	722.0	4375.4	2.9	0.0	78.6
04:18:34	00:41:27	720.0	4373.4	2.9	0.0	79.0
04:18:44	00:41:37	724.0	4377.4	2.9	0.0	79.6
04:18:54	00:41:47	724.0	4377.4	2.9	0.0	80.0
04:19:04	00:41:57	722.0	4375.4	3.0	0.0	80.4

04:19:14	00:42:07	726.0	4379.4	3.0	0.0	81.0
04:19:24	00:42:17	730.0	4383.4	3.0	0.0	81.4
04:19:34	00:42:27	728.0	4381.4	3.0	0.0	82.0
04:19:44	00:42:37	730.0	4383.4	3.0	0.0	82.4
04:19:54	00:42:47	724.0	4377.4	3.0	0.0	83.0
04:20:04	00:42:57	726.0	4379.4	2.9	0.0	83.4

04:20:14	00:43:07	732.0	4385.4	3.0	0.0	84.0
04:20:24	00:43:17	734.0	4387.4	3.0	0.0	84.4
04:20:34	00:43:27	734.0	4387.4	3.0	0.0	85.0
04:20:44	00:43:37	736.0	4389.4	2.9	0.0	85.4
04:20:54	00:43:47	740.0	4393.4	2.9	0.0	86.0
04:21:04	00:43:57	736.0	4389.4	2.9	0.0	86.4

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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04:21:14	00:44:07	736.0	4389.4	3.0	0.0	87.0
04:21:24	00:44:17	740.0	4393.4	3.0	0.0	87.4
04:21:34	00:44:27	742.0	4395.4	3.0	0.0	88.0
04:21:44	00:44:37	740.0	4393.4	3.0	0.0	88.4
04:21:54	00:44:47	744.0	4397.4	3.0	0.0	89.0
04:22:04	00:44:57	742.0	4395.4	3.0	0.0	89.4

Surface Press (psi) = 742
Actual Press (psi) = 0
Bottom Press (psi) = 4395
Closure Press (psi) = 3500
Fractur Press (psi) = 895
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 0
Fric Slurry (psi) = 0
Average Counter = 3
BHP Tool (psi) = 0

Blender Rate (BPM) = 3
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 80
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 268

DAY TIME
04:22:11

JOB TIME
00:45:03

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAUXITE IWEST PROP
ICHANGE DISC IEND MONITORING

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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04:22:14	00:45:07	746.0	4399.4	3.0	0.0	90.0
04:22:24	00:45:17	746.0	4399.4	3.0	0.0	90.4
04:22:34	00:45:27	754.0	4407.3	3.1	0.0	91.0
04:22:44	00:45:37	774.0	4427.1	3.7	0.0	91.4
04:22:54	00:45:47	794.0	4447.1	3.8	0.0	92.0
04:23:04	00:45:57	796.0	4448.9	4.1	0.0	93.0

04:23:14	00:46:07	800.0	4452.9	4.3	0.0	93.4
04:23:24	00:46:17	816.0	4468.9	4.4	0.0	94.0
04:23:34	00:46:27	814.0	4467.0	4.1	0.0	95.0
04:23:44	00:46:37	824.0	4477.0	4.0	0.0	95.6
04:23:54	00:46:47	828.0	4481.0	4.1	0.0	96.2
04:24:04	00:46:57	838.0	4491.0	4.1	0.0	97.0

04:24:14	00:47:07	834.0	4487.0	4.1	0.0	97.6
04:24:24	00:47:17	844.0	4497.0	4.1	0.0	98.2
04:24:34	00:47:27	852.0	4505.0	4.1	0.0	99.0
04:24:44	00:47:37	862.0	4515.0	4.1	0.0	99.8
04:24:54	00:47:47	846.0	4499.0	4.1	0.0	100.2
04:25:04	00:47:57	864.0	4517.0	4.1	0.0	101.0

04:25:14	00:48:07	854.0	4507.0	4.1	0.0	101.8
04:25:24	00:48:17	868.0	4521.0	4.1	0.0	102.4
04:25:34	00:48:27	862.0	4515.0	4.1	0.0	103.0
04:25:44	00:48:37	878.0	4531.0	4.1	0.0	104.0
04:25:54	00:48:47	870.0	4523.0	4.1	0.0	104.4
04:26:04	00:48:57	884.0	4537.0	4.1	0.0	105.0

04:26:14	00:49:07	876.0	4529.0	4.1	0.0	106.0
04:26:24	00:49:17	882.0	4535.0	4.0	0.0	106.4
04:26:34	00:49:27	886.0	4539.0	4.0	0.0	107.0
04:26:44	00:49:37	878.0	4531.0	4.0	0.0	108.0
04:26:54	00:49:47	896.0	4549.0	4.0	0.0	108.4
04:27:04	00:49:57	892.0	4545.0	4.0	0.0	109.0

04:27:14	00:50:07	900.0	4553.0	4.1	0.0	110.0
04:27:24	00:50:17	900.0	4553.0	4.0	0.0	110.4
04:27:34	00:50:27	896.0	4549.0	4.0	0.0	111.0
04:27:44	00:50:37	904.0	4557.0	4.1	0.0	112.0
04:27:54	00:50:47	902.0	4555.0	4.0	0.0	112.6
04:28:04	00:50:57	900.0	4553.0	4.1	0.0	113.0

04:28:14	00:51:07	916.0	4569.0	4.1	0.0	114.0
04:28:24	00:51:17	904.0	4557.0	4.0	0.0	114.6
04:28:34	00:51:27	920.0	4573.0	4.1	0.0	115.2
04:28:44	00:51:37	916.0	4569.0	4.1	0.0	116.0
04:28:54	00:51:47	912.0	4565.0	4.0	0.0	116.6
04:29:04	00:51:57	924.0	4577.0	4.0	0.0	117.2

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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04:29:14	00:52:07	918.0	4571.0	4.1	0.0	118.0
04:29:24	00:52:17	926.0	4579.0	4.0	0.0	118.6
04:29:34	00:52:27	928.0	4581.0	4.0	0.0	119.2
04:29:44	00:52:37	926.0	4579.0	4.1	0.0	120.0
04:29:54	00:52:47	928.0	4581.0	4.1	0.0	120.8
04:30:04	00:52:57	924.0	4577.0	4.1	0.0	121.2

04:30:14	00:53:07	934.0	4587.0	4.0	0.0	122.0
04:30:24	00:53:17	936.0	4589.0	4.0	0.0	122.8
04:30:34	00:53:27	922.0	4575.0	4.0	0.0	123.2
04:30:44	00:53:37	938.0	4591.0	4.1	0.0	124.0
04:30:54	00:53:47	940.0	4593.0	4.0	0.0	124.8
04:31:04	00:53:57	934.0	4587.0	4.0	0.0	125.2

04:31:14	00:54:07	942.0	4595.0	4.0	0.0	126.0
04:31:24	00:54:17	942.0	4595.0	4.0	0.0	126.8
04:31:34	00:54:27	934.0	4587.0	4.0	0.0	127.4
04:31:44	00:54:37	948.0	4601.0	4.0	0.0	128.0
04:31:54	00:54:47	948.0	4601.0	4.0	0.0	129.0
04:32:04	00:54:57	944.0	4597.0	4.0	0.0	129.4

04:32:14	00:55:07	952.0	4605.0	4.0	0.0	130.0
04:32:24	00:55:17	952.0	4605.0	4.1	0.0	131.0
04:32:34	00:55:27	950.0	4603.0	4.0	0.0	131.4
04:32:44	00:55:37	958.0	4611.0	4.0	0.0	132.0
04:32:54	00:55:47	960.0	4613.0	4.0	0.0	133.0
04:33:04	00:55:57	964.0	4617.0	4.0	0.0	133.4

04:33:14	00:56:07	964.0	4617.0	4.0	0.0	134.0
04:33:24	00:56:17	958.0	4611.0	4.0	0.0	135.0
04:33:34	00:56:27	960.0	4613.0	4.0	0.0	135.4
04:33:44	00:56:37	960.0	4613.0	4.0	0.0	136.0
04:33:54	00:56:47	970.0	4623.0	4.0	0.0	137.0
04:34:04	00:56:57	968.0	4621.0	4.0	0.0	137.4

04:34:14	00:57:07	966.0	4619.0	4.0	0.0	138.0
04:34:24	00:57:17	974.0	4627.0	4.0	0.0	139.0
04:34:34	00:57:27	976.0	4629.0	4.0	0.0	139.4
04:34:44	00:57:37	966.0	4619.0	4.0	0.0	140.0
04:34:54	00:57:47	976.0	4629.0	4.0	0.0	141.0
04:35:04	00:57:57	978.0	4631.0	4.0	0.0	141.4

04:35:14	00:58:07	974.0	4627.0	4.0	0.0	142.0
04:35:24	00:58:17	976.0	4629.0	4.0	0.0	143.0
04:35:34	00:58:27	984.0	4637.0	4.0	0.0	143.4
04:35:44	00:58:37	984.0	4637.0	4.0	0.0	144.0
04:35:54	00:58:47	972.0	4625.0	4.0	0.0	145.0
04:36:04	00:58:57	988.0	4641.0	4.0	0.0	145.4

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
04:36:14	00:59:07	992.0	4645.0	4.0	0.0	146.0
04:36:24	00:59:17	982.0	4635.0	4.0	0.0	147.0
04:36:34	00:59:27	990.0	4643.0	4.0	0.0	147.4
04:36:44	00:59:37	994.0	4647.0	4.0	0.0	148.0
04:36:54	00:59:47	994.0	4647.0	4.0	0.0	149.0
04:37:04	00:59:57	992.0	4645.0	4.0	0.0	149.4

Surface Press (psi) = 992
Actual Press (psi) = 0
Bottom Press (psi) = 4645
Closure Press (psi) = 3500
Fractur Press (psi) = 1145
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 1
Fric Slurry (psi) = 1
Average Counter = 3
BHP Tool (psi) = 0

Blender Rate (BPM) = 4
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 76
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 358

DAY TIME
04:37:10

JOB TIME
01:00:03

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWEST PROP
ICCHANGE DISC IEND MONITORING

WESTERN PETROLEUM SERVICES

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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04:37:14	01:00:07	998.0	4651.0	4.1	0.0	150.0
04:37:24	01:00:17	1002.0	4654.9	4.3	0.0	151.0
04:37:34	01:00:27	1000.0	4652.8	4.5	0.0	151.6
04:37:44	01:00:37	1016.0	4668.7	4.7	0.0	152.4
04:37:54	01:00:47	1038.0	4690.6	4.9	0.0	153.0
04:38:04	01:00:57	1032.0	4684.6	5.0	0.0	154.0

04:38:14	01:01:07	1036.0	4688.6	5.1	0.0	155.0
04:38:24	01:01:17	1044.0	4696.6	5.1	0.0	155.8
04:38:34	01:01:27	1042.0	4694.6	5.1	0.0	156.6
04:38:44	01:01:37	1052.0	4704.6	5.1	0.0	157.4
04:38:54	01:01:47	1060.0	4712.6	5.1	0.0	158.2
04:39:04	01:01:57	1054.0	4706.6	5.1	0.0	159.0

04:39:14	01:02:07	1060.0	4712.6	5.1	0.0	160.0
04:39:24	01:02:17	1064.0	4716.6	5.1	0.0	161.0
04:39:34	01:02:27	1062.0	4714.6	5.1	0.0	161.6
04:39:44	01:02:37	1070.0	4722.6	5.1	0.0	162.4
04:39:54	01:02:47	1070.0	4722.6	5.1	0.0	163.4
04:40:04	01:02:57	1070.0	4722.6	5.1	0.0	164.2

04:40:14	01:03:07	1078.0	4730.6	5.1	0.0	165.0
04:40:24	01:03:17	1084.0	4736.6	5.1	0.0	166.0
04:40:34	01:03:27	1096.0	4748.6	5.1	0.0	166.8
04:40:44	01:03:37	1112.0	4764.6	5.1	0.0	167.6
04:40:54	01:03:47	1110.0	4762.6	5.1	0.0	168.4
04:41:04	01:03:57	1114.0	4766.6	5.1	0.0	169.2

04:41:14	01:04:07	1110.0	4762.6	5.1	0.0	170.0
04:41:24	01:04:17	1118.0	4770.6	5.1	0.0	171.0
04:41:34	01:04:27	1114.0	4766.6	5.1	0.0	172.0
04:41:44	01:04:37	1108.0	4760.6	5.1	0.0	172.8
04:41:54	01:04:47	1108.0	4760.6	5.1	0.0	173.6
04:42:04	01:04:57	1120.0	4772.6	5.1	0.0	174.4

04:42:14	01:05:07	1134.0	4786.6	5.1	0.0	175.2
04:42:24	01:05:17	1138.0	4790.6	5.1	0.0	176.0
04:42:34	01:05:27	1144.0	4796.6	5.1	0.0	177.0
04:42:44	01:05:37	1134.0	4786.6	5.1	0.0	178.0
04:42:54	01:05:47	1128.0	4780.6	5.1	0.0	178.6
04:43:04	01:05:57	1120.0	4772.6	5.1	0.0	179.4

04:43:14	01:06:07	1142.0	4794.6	5.1	0.0	180.4
04:43:24	01:06:17	1146.0	4798.6	5.1	0.0	181.2
04:43:34	01:06:27	1160.0	4812.6	5.1	0.0	182.0
04:43:44	01:06:37	1146.0	4798.6	5.1	0.0	183.0
04:43:54	01:06:47	1138.0	4790.6	5.1	0.0	183.8
04:44:04	01:06:57	1128.0	4780.6	5.0	0.0	184.6

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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04:44:14	01:07:07	1144.0	4796.6	5.1	0.0	185.4
04:44:24	01:07:17	1164.0	4816.6	5.1	0.0	186.2
04:44:34	01:07:27	1164.0	4816.6	5.1	0.0	187.0
04:44:44	01:07:37	1148.0	4800.6	5.1	0.0	188.0
04:44:54	01:07:47	1144.0	4796.6	5.0	0.0	189.0
04:45:04	01:07:57	1146.0	4798.6	5.1	0.0	189.6

04:45:14	01:08:07	1166.0	4818.6	5.0	0.0	190.6
04:45:24	01:08:17	1164.0	4816.6	5.1	0.0	191.4
04:45:34	01:08:27	1160.0	4812.6	5.1	0.0	192.2
04:45:44	01:08:37	1150.0	4802.6	5.1	0.0	193.0
04:45:54	01:08:47	1156.0	4808.6	5.1	0.0	194.0
04:46:04	01:08:57	1178.0	4830.6	5.1	0.0	194.8

04:46:14	01:09:07	1178.0	4830.6	5.1	0.0	195.6
04:46:24	01:09:17	1170.0	4822.6	5.1	0.0	196.4
04:46:34	01:09:27	1172.0	4824.6	5.1	0.0	197.2
04:46:44	01:09:37	1174.0	4826.6	5.1	0.0	198.0
04:46:54	01:09:47	1188.0	4840.6	5.0	0.0	199.0
04:47:04	01:09:57	1176.0	4828.6	5.1	0.0	200.0

04:47:14	01:10:07	1184.0	4836.6	5.1	0.0	200.6
04:47:24	01:10:17	1178.0	4830.6	5.1	0.0	201.6
04:47:34	01:10:27	1186.0	4838.6	5.0	0.0	202.4
04:47:44	01:10:37	1186.0	4838.6	5.1	0.0	203.2
04:47:54	01:10:47	1178.0	4830.6	5.1	0.0	204.0
04:48:04	01:10:57	1190.0	4842.6	5.1	0.0	205.0

04:48:14	01:11:07	1186.0	4838.6	5.0	0.0	205.8
04:48:24	01:11:17	1186.0	4838.6	5.0	0.0	206.6
04:48:34	01:11:27	1196.0	4848.6	5.0	0.0	207.4
04:48:44	01:11:37	1184.0	4836.6	5.0	0.0	208.2
04:48:54	01:11:47	1204.0	4856.6	5.0	0.0	209.0
04:49:04	01:11:57	1200.0	4852.6	5.0	0.0	210.0

04:49:14	01:12:07	1186.0	4838.6	5.0	0.0	210.8
04:49:24	01:12:17	1202.0	4854.6	5.1	0.0	211.6
04:49:34	01:12:27	1202.0	4854.6	5.0	0.0	212.4
04:49:44	01:12:37	1200.0	4852.6	5.0	0.0	213.2
04:49:54	01:12:47	1210.0	4862.6	5.0	0.0	214.0
04:50:04	01:12:57	1198.0	4850.6	5.0	0.0	215.0

04:50:14	01:13:07	1210.0	4862.6	5.0	0.0	216.0
04:50:24	01:13:17	1214.0	4866.6	5.0	0.0	216.6
04:50:34	01:13:27	1200.0	4852.6	5.1	0.0	217.4
04:50:44	01:13:37	1212.0	4864.6	5.0	0.0	218.2
04:50:54	01:13:47	1216.0	4868.6	5.1	0.0	219.0
04:51:04	01:13:57	1214.0	4866.6	5.1	0.0	220.0

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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04:51:14	01:14:07	1218.0	4870.6	5.0	0.0	221.0
04:51:24	01:14:17	1206.0	4858.6	5.0	0.0	221.6
04:51:34	01:14:27	1214.0	4866.6	5.0	0.0	222.6
04:51:44	01:14:37	1210.0	4862.6	5.0	0.0	223.4
04:51:54	01:14:47	1228.0	4880.6	5.0	0.0	224.2
04:52:04	01:14:57	1218.0	4870.6	5.0	0.0	225.0

Surface Press (psi) = 1218
Actual Press (psi) = 0
Bottom Press (psi) = 4870
Closure Press (psi) = 3500
Fractur Press (psi) = 1370
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 1
Fric Slurry (psi) = 1
Average Counter = 3
BHP Tool (psi) = 0

Blender Rate (BPM) = 5.02
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 72
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 448

DAY TIME
04:52:10

JOB TIME
01:15:03

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAUXITE IWEST PROP
ICHANGE DISC IEND MONITORING

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MERIDIAN OIL INC.

SAN JUAN 30_5 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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04:52:14	01:15:07	1210.0	4862.6	5.0	0.0	226.0
04:52:24	01:15:17	1240.0	4892.6	5.0	0.0	226.8
04:52:34	01:15:27	1246.0	4898.5	5.2	0.0	227.6
04:52:44	01:15:37	1218.0	4870.4	5.5	0.0	228.4
04:52:54	01:15:47	1288.0	4940.3	5.6	0.0	229.4
04:53:04	01:15:57	1216.0	4868.3	5.7	0.0	230.2

04:53:14	01:16:07	1272.0	4924.2	5.8	0.0	231.2
04:53:24	01:16:17	1266.0	4918.2	6.0	0.0	232.2
04:53:34	01:16:27	1266.0	4918.2	6.0	0.0	233.2
04:53:44	01:16:37	1270.0	4922.2	6.0	0.0	234.2
04:53:54	01:16:47	1284.0	4936.2	6.0	0.0	235.2
04:54:04	01:16:57	1284.0	4936.2	6.0	0.0	236.2

04:54:14	01:17:07	1288.0	4940.2	5.9	0.0	237.2
04:54:24	01:17:17	1288.0	4940.2	5.9	0.0	238.2
04:54:34	01:17:27	1292.0	4944.2	6.0	0.0	239.2
04:54:44	01:17:37	1298.0	4950.2	6.0	0.0	240.2
04:54:54	01:17:47	1304.0	4956.2	6.0	0.0	241.2
04:55:04	01:17:57	1306.0	4958.2	6.0	0.0	242.2

04:55:14	01:18:07	1310.0	4962.2	5.9	0.0	243.2
04:55:24	01:18:17	1314.0	4966.2	6.0	0.0	244.2
04:55:34	01:18:27	1318.0	4970.2	6.0	0.0	245.2
04:55:44	01:18:37	1320.0	4972.2	6.0	0.0	246.2
04:55:54	01:18:47	1322.0	4974.2	6.0	0.0	247.2
04:56:04	01:18:57	1324.0	4976.2	5.9	0.0	248.2

04:56:14	01:19:07	1324.0	4976.2	6.0	0.0	249.2
04:56:24	01:19:17	1332.0	4984.2	6.0	0.0	250.2
04:56:34	01:19:27	1338.0	4990.2	6.0	0.0	251.2
04:56:44	01:19:37	1346.0	4998.2	6.0	0.0	252.2
04:56:54	01:19:47	1342.0	4994.2	6.0	0.0	253.2
04:57:04	01:19:57	1346.0	4998.2	6.0	0.0	254.2

04:57:14	01:20:07	1358.0	5010.2	6.0	0.0	255.2
04:57:24	01:20:17	1344.0	4996.2	6.0	0.0	256.2
04:57:34	01:20:27	1356.0	5008.2	6.0	0.0	257.2
04:57:44	01:20:37	1364.0	5016.2	6.0	0.0	258.2
04:57:54	01:20:47	1360.0	5012.2	6.0	0.0	259.2
04:58:04	01:20:57	1362.0	5014.2	6.0	0.0	260.2

04:58:14	01:21:07	1362.0	5014.2	6.0	0.0	261.2
04:58:24	01:21:17	1368.0	5020.2	5.9	0.0	262.2
04:58:34	01:21:27	1372.0	5024.2	6.0	0.0	263.2
04:58:44	01:21:37	1384.0	5036.2	6.0	0.0	264.2
04:58:54	01:21:47	1386.0	5038.2	6.0	0.0	265.2
04:59:04	01:21:57	1390.0	5042.2	6.0	0.0	266.2

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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04:59:14	01:22:07	1394.0	5046.2	6.0	0.0	267.2
04:59:24	01:22:17	1398.0	5050.2	5.9	0.0	268.2
04:59:34	01:22:27	1402.0	5054.2	6.0	0.0	269.2
04:59:44	01:22:37	1400.0	5052.2	5.9	0.0	270.2
04:59:54	01:22:47	1408.0	5060.2	6.0	0.0	271.2
05:00:04	01:22:57	1414.0	5066.2	5.9	0.0	272.2

05:00:14	01:23:07	1418.0	5070.2	5.9	0.0	273.0
05:00:24	01:23:17	1432.0	5084.2	5.9	0.0	274.0
05:00:34	01:23:27	1438.0	5090.2	5.9	0.0	275.0
05:00:44	01:23:37	1430.0	5082.2	5.9	0.0	276.0
05:00:54	01:23:47	1416.0	5068.2	6.0	0.0	277.0
05:01:04	01:23:57	1406.0	5058.2	6.0	0.0	278.0

05:01:14	01:24:07	1402.0	5054.2	6.0	0.0	279.0
05:01:24	01:24:17	1406.0	5058.2	6.0	0.0	280.0
05:01:34	01:24:27	1414.0	5066.2	6.0	0.0	281.0
05:01:44	01:24:37	1418.0	5070.2	6.0	0.0	282.0
05:01:54	01:24:47	1418.0	5070.2	6.0	0.0	283.0
05:02:04	01:24:57	1416.0	5068.2	5.9	0.0	284.0

05:02:14	01:25:07	1420.0	5072.2	5.9	0.0	285.0
05:02:24	01:25:17	1418.0	5070.2	5.9	0.0	286.0
05:02:34	01:25:27	1422.0	5074.2	6.0	0.0	287.0
05:02:44	01:25:37	1426.0	5078.2	6.0	0.0	288.0
05:02:54	01:25:47	1432.0	5084.2	6.0	0.0	289.0
05:03:04	01:25:57	1440.0	5092.2	6.0	0.0	290.0

05:03:14	01:26:07	1436.0	5088.2	6.0	0.0	291.0
05:03:24	01:26:17	1440.0	5092.2	6.0	0.0	292.0
05:03:34	01:26:27	1436.0	5088.2	5.9	0.0	293.0
05:03:44	01:26:37	1438.0	5090.2	5.9	0.0	294.0
05:03:54	01:26:47	1440.0	5092.2	5.9	0.0	295.0
05:04:04	01:26:57	1444.0	5096.2	5.9	0.0	296.0

05:04:14	01:27:07	1438.0	5090.2	6.0	0.0	297.0
05:04:24	01:27:17	1452.0	5104.2	5.9	0.0	298.0
05:04:34	01:27:27	1454.0	5106.2	5.9	0.0	299.0
05:04:44	01:27:37	1458.0	5110.2	5.9	0.0	300.0
05:04:54	01:27:47	1460.0	5112.2	5.9	0.0	301.0
05:05:04	01:27:57	1458.0	5110.2	5.9	0.0	302.0

05:05:14	01:28:07	1456.0	5108.2	5.9	0.0	303.0
05:05:24	01:28:17	1460.0	5112.2	5.9	0.0	304.0
05:05:34	01:28:27	1470.0	5122.2	6.0	0.0	305.0
05:05:44	01:28:37	1474.0	5126.2	5.9	0.0	305.8
05:05:54	01:28:47	1460.0	5112.2	5.9	0.0	306.8
05:06:04	01:28:57	1462.0	5114.2	5.9	0.0	307.8

Surface Press (psi) = 1484
Actual Press (psi) = 0
Bottom Press (psi) = 5136
Closure Press (psi) = 3500
Fractur Press (psi) = 1636
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 1
Fric Slurry (psi) = 1
Average Counter = 4
BHP Tool (psi) = 0

Blender Rate (BPM) = 5.98
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 68
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 538

DAY TIME
05:07:12

JOB TIME
01:30:05

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWest Prop
IChange Disc IEnd Monitoring

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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05:06:14	01:29:07	1472.0	5124.2	5.9	0.0	308.8
05:06:24	01:29:17	1472.0	5124.2	6.0	0.0	309.8
05:06:34	01:29:27	1472.0	5124.2	6.0	0.0	310.8
05:06:44	01:29:37	1476.0	5128.2	5.9	0.0	311.8
05:06:54	01:29:47	1480.0	5132.2	5.9	0.0	312.8
05:07:04	01:29:57	1484.0	5136.2	6.0	0.0	313.8

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MERIDIAN OIL INC.

SAN JUAN 30_5 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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05:07:14	01:30:07	1478.0	5130.2	5.9	0.0	314.8
05:07:24	01:30:17	1498.0	5150.1	6.1	0.0	315.8
05:07:34	01:30:27	1516.0	5167.8	6.7	0.0	316.8
05:07:44	01:30:37	1522.0	5173.7	7.0	0.0	318.0
05:07:54	01:30:47	1562.0	5213.7	7.0	0.0	319.2
05:08:04	01:30:57	1528.0	5179.7	7.0	0.0	320.4

05:08:14	01:31:07	1566.0	5217.7	7.0	0.0	321.4
05:08:24	01:31:17	1568.0	5219.7	7.0	0.0	322.6
05:08:34	01:31:27	1542.0	5193.7	7.0	0.0	323.8
05:08:44	01:31:37	1582.0	5233.7	7.0	0.0	325.0
05:08:54	01:31:47	1572.0	5223.7	7.0	0.0	326.2
05:09:04	01:31:57	1554.0	5205.7	7.0	0.0	327.4

05:09:14	01:32:07	1586.0	5237.7	6.9	0.0	328.4
05:09:24	01:32:17	1588.0	5239.7	7.0	0.0	329.6
05:09:34	01:32:27	1560.0	5211.7	7.0	0.0	330.8
05:09:44	01:32:37	1580.0	5231.7	7.0	0.0	332.0
05:09:54	01:32:47	1624.0	5275.7	7.0	0.0	333.2
05:10:04	01:32:57	1600.0	5251.7	7.0	0.0	334.4

05:10:14	01:33:07	1616.0	5267.7	7.0	0.0	335.4
05:10:24	01:33:17	1656.0	5307.7	6.9	0.0	336.6
05:10:34	01:33:27	1634.0	5285.7	6.9	0.0	337.8
05:10:44	01:33:37	1648.0	5299.7	6.9	0.0	339.0
05:10:54	01:33:47	1674.0	5325.7	7.0	0.0	340.2
05:11:04	01:33:57	1652.0	5303.7	7.0	0.0	341.2

05:11:14	01:34:07	1678.0	5329.7	7.0	0.0	342.4
05:11:24	01:34:17	1686.0	5337.7	7.0	0.0	343.6
05:11:34	01:34:27	1672.0	5323.7	6.9	0.0	344.6
05:11:44	01:34:37	1716.0	5367.7	7.0	0.0	345.8
05:11:54	01:34:47	1678.0	5329.7	6.9	0.0	347.0
05:12:04	01:34:57	1712.0	5363.7	7.0	0.0	348.2

05:12:14	01:35:07	1728.0	5379.7	7.0	0.0	349.4
05:12:24	01:35:17	1682.0	5333.7	6.9	0.0	350.6
05:12:34	01:35:27	1746.0	5397.7	6.9	0.0	351.6
05:12:44	01:35:37	1726.0	5377.7	6.9	0.0	352.8
05:12:54	01:35:47	1720.0	5371.7	7.0	0.0	354.0
05:13:04	01:35:57	1762.0	5413.7	6.9	0.0	355.2

05:13:14	01:36:07	1726.0	5377.7	6.9	0.0	356.4
05:13:24	01:36:17	1760.0	5411.7	6.9	0.0	357.4
05:13:34	01:36:27	1758.0	5409.7	6.9	0.0	358.6
05:13:44	01:36:37	1748.0	5399.7	6.9	0.0	359.8
05:13:54	01:36:47	1784.0	5435.7	6.9	0.0	361.0
05:14:04	01:36:57	1746.0	5397.7	6.9	0.0	362.2

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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05:14:14	01:37:07	1784.0	5435.7	6.9	0.0	363.2
05:14:24	01:37:17	1780.0	5431.7	7.0	0.0	364.4
05:14:34	01:37:27	1756.0	5407.7	6.9	0.0	365.6
05:14:44	01:37:37	1812.0	5463.7	6.9	0.0	366.6
05:14:54	01:37:47	1768.0	5419.7	6.9	0.0	367.8
05:15:04	01:37:57	1798.0	5449.7	6.9	0.0	369.0

05:15:14	01:38:07	1804.0	5455.7	6.9	0.0	370.2
05:15:24	01:38:17	1788.0	5439.7	6.9	0.0	371.2
05:15:34	01:38:27	1828.0	5479.7	6.9	0.0	372.4
05:15:44	01:38:37	1792.0	5443.7	6.9	0.0	373.6
05:15:54	01:38:47	1832.0	5483.7	6.9	0.0	374.8
05:16:04	01:38:57	1782.0	5433.7	6.9	0.0	376.0

05:16:14	01:39:07	1738.0	5389.7	7.0	0.0	377.2
05:16:24	01:39:17	1758.0	5409.7	6.9	0.0	378.2
05:16:34	01:39:27	1746.0	5397.7	6.9	0.0	379.4
05:16:44	01:39:37	1708.0	5359.7	6.9	0.0	380.6
05:16:54	01:39:47	1726.0	5377.7	6.9	0.0	381.6
05:17:04	01:39:57	1754.0	5405.7	6.9	0.0	382.8

05:17:14	01:40:07	1718.0	5369.7	6.9	0.0	384.0
05:17:24	01:40:17	1720.0	5371.7	6.9	0.0	385.2
05:17:34	01:40:27	1762.0	5413.7	6.9	0.0	386.4
05:17:44	01:40:37	1746.0	5397.7	6.9	0.0	387.4
05:17:54	01:40:47	1708.0	5359.7	6.9	0.0	388.6
05:18:04	01:40:57	1750.0	5401.7	6.9	0.0	389.8

05:18:14	01:41:07	1754.0	5405.7	6.9	0.0	391.0
05:18:24	01:41:17	1718.0	5369.7	6.9	0.0	392.0
05:18:34	01:41:27	1760.0	5411.7	6.9	0.0	393.2
05:18:44	01:41:37	1756.0	5407.7	6.9	0.0	394.4
05:18:54	01:41:47	1728.0	5379.7	6.9	0.0	395.6
05:19:04	01:41:57	1766.0	5417.7	6.9	0.0	396.6

05:19:14	01:42:07	1754.0	5405.7	6.9	0.0	397.8
05:19:24	01:42:17	1740.0	5391.7	6.9	0.0	399.0
05:19:34	01:42:27	1774.0	5425.7	6.9	0.0	400.2
05:19:44	01:42:37	1744.0	5395.7	6.9	0.0	401.4
05:19:54	01:42:47	1750.0	5401.7	6.9	0.0	402.4
05:20:04	01:42:57	1788.0	5439.7	7.0	0.0	403.6

05:20:14	01:43:07	1734.0	5385.7	6.9	0.0	404.8
05:20:24	01:43:17	1792.0	5443.7	6.9	0.0	406.0
05:20:34	01:43:27	1762.0	5413.7	6.9	0.0	407.2
05:20:44	01:43:37	1790.0	5441.7	7.0	0.0	408.2
05:20:54	01:43:47	1772.0	5423.7	6.9	0.0	409.4
05:21:04	01:43:57	1782.0	5433.7	6.9	0.0	410.6

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MERIDIAN OIL INC.

SAN JUAN 30_5 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

05:21:14	01:44:07	1780.0	5431.7	6.9	0.0	411.6
05:21:24	01:44:17	1780.0	5431.7	6.9	0.0	412.8
05:21:34	01:44:27	1784.0	5435.7	6.9	0.0	414.0
05:21:44	01:44:37	1786.0	5437.7	6.9	0.0	415.2
05:21:54	01:44:47	1796.0	5447.7	6.9	0.0	416.4
05:22:04	01:44:57	1792.0	5443.7	6.9	0.0	417.4

Surface Press (psi) = 1792
Actual Press (psi) = 0
Bottom Press (psi) = 5443
Closure Press (psi) = 3500
Fractur Press (psi) = 1943
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 2
Fric Slurry (psi) = 2
Average Counter = 3
BHP Tool (psi) = 0

Blender Rate (BPM) = 6.92
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 64
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 628

DAY TIME
05:22:10

JOB TIME
01:45:03

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWest Prop
IChange Disc IEnd Monitoring

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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05:22:14	01:45:07	1828.0	5479.7	6.9	0.0	418.6
05:22:24	01:45:17	1808.0	5459.7	7.0	0.0	419.8
05:22:34	01:45:27	1826.0	5477.5	7.3	0.0	421.0
05:22:44	01:45:37	1854.0	5505.5	7.3	0.0	422.2
05:22:54	01:45:47	1858.0	5509.5	7.3	0.0	423.4
05:23:04	01:45:57	1836.0	5487.6	7.1	0.0	424.6

05:23:14	01:46:07	1780.0	5432.3	5.7	0.0	425.6
05:23:24	01:46:17	1820.0	5471.8	6.8	0.0	426.6
05:23:34	01:46:27	1858.0	5509.4	7.6	0.0	427.8
05:23:44	01:46:37	1872.0	5523.4	7.6	0.0	429.2
05:23:54	01:46:47	1878.0	5529.3	7.7	0.0	430.4
05:24:04	01:46:57	1882.0	5533.3	7.7	0.0	431.6

05:24:14	01:47:07	1904.0	5555.5	7.3	0.0	433.0
05:24:24	01:47:17	1918.0	5569.6	7.1	0.0	434.2
05:24:34	01:47:27	1946.0	5596.7	8.8	0.0	435.6
05:24:44	01:47:37	1942.0	5592.9	8.5	0.0	437.2
05:24:54	01:47:47	1914.0	5565.2	8.0	0.0	438.4
05:25:04	01:47:57	1936.0	5587.2	8.0	0.0	439.6

05:25:14	01:48:07	1986.0	5637.2	7.9	0.0	441.2
05:25:24	01:48:17	1960.0	5611.2	7.9	0.0	442.4
05:25:34	01:48:27	1964.0	5615.2	7.9	0.0	443.6
05:25:44	01:48:37	1970.0	5621.2	7.9	0.0	445.0
05:25:54	01:48:47	1990.0	5641.2	7.8	0.0	446.4
05:26:04	01:48:57	2008.0	5659.2	7.9	0.0	447.6

05:26:14	01:49:07	2016.0	5667.2	7.9	0.0	448.8
05:26:24	01:49:17	1978.0	5629.2	7.9	0.0	450.2
05:26:34	01:49:27	1940.0	5591.2	7.9	0.0	451.6
05:26:44	01:49:37	1986.0	5637.2	7.9	0.0	452.8
05:26:54	01:49:47	2004.0	5655.2	7.9	0.0	454.2
05:27:04	01:49:57	1942.0	5593.2	7.8	0.0	455.6

05:27:14	01:50:07	1982.0	5633.3	7.8	0.0	456.8
05:27:24	01:50:17	1996.0	5647.3	7.8	0.0	458.2
05:27:34	01:50:27	1954.0	5605.2	7.8	0.0	459.4
05:27:44	01:50:37	2002.0	5653.2	7.9	0.0	460.6
05:27:54	01:50:47	1954.0	5605.2	7.9	0.0	462.2
05:28:04	01:50:57	1994.0	5645.3	7.8	0.0	463.4

05:28:14	01:51:07	1974.0	5625.3	7.8	0.0	464.6
05:28:24	01:51:17	1968.0	5619.3	7.8	0.0	466.0
05:28:34	01:51:27	1982.0	5633.3	7.8	0.0	467.2
05:28:44	01:51:37	1990.0	5641.3	7.8	0.0	468.6
05:28:54	01:51:47	1978.0	5629.2	7.9	0.0	469.8
05:29:04	01:51:57	1976.0	5627.3	7.8	0.0	471.2

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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05:29:14	01:52:07	1976.0	5627.3	7.8	0.0	472.4
05:29:24	01:52:17	1978.0	5629.3	7.8	0.0	473.8
05:29:34	01:52:27	1980.0	5631.2	7.8	0.0	475.2
05:29:44	01:52:37	1982.0	5633.3	7.8	0.0	476.4
05:29:54	01:52:47	1984.0	5635.3	7.8	0.0	477.6
05:30:04	01:52:57	1986.0	5637.3	7.8	0.0	479.0

05:30:14	01:53:07	1986.0	5637.3	7.8	0.0	480.4
05:30:24	01:53:17	1994.0	5645.3	7.8	0.0	481.6
05:30:34	01:53:27	1998.0	5649.3	7.8	0.0	482.8
05:30:44	01:53:37	1996.0	5647.3	7.8	0.0	484.2
05:30:54	01:53:47	1988.0	5639.3	7.8	0.0	485.4
05:31:04	01:53:57	1994.0	5645.3	7.8	0.0	486.8

05:31:14	01:54:07	1998.0	5649.3	7.8	0.0	488.2
05:31:24	01:54:17	1998.0	5649.3	7.7	0.0	489.4
05:31:34	01:54:27	1992.0	5643.3	7.7	0.0	490.6
05:31:44	01:54:37	1998.0	5649.3	7.8	0.0	491.8
05:31:54	01:54:47	2000.0	5651.3	7.8	0.0	493.2
05:32:04	01:54:57	1992.0	5643.3	7.7	0.0	494.6

05:32:14	01:55:07	2002.0	5653.3	7.8	0.0	495.8
05:32:24	01:55:17	1988.0	5639.3	7.8	0.0	497.2
05:32:34	01:55:27	2004.0	5655.3	7.8	0.0	498.4
05:32:44	01:55:37	1992.0	5643.3	7.7	0.0	499.6
05:32:54	01:55:47	2002.0	5653.3	7.7	0.0	501.0
05:33:04	01:55:57	1996.0	5647.3	7.7	0.0	502.4

05:33:14	01:56:07	2008.0	5659.3	7.7	0.0	503.6
05:33:24	01:56:17	1998.0	5649.3	7.7	0.0	504.8
05:33:34	01:56:27	2008.0	5659.3	7.7	0.0	506.2
05:33:44	01:56:37	2006.0	5657.3	7.7	0.0	507.4
05:33:54	01:56:47	2000.0	5651.3	7.7	0.0	508.6
05:34:04	01:56:57	2012.0	5663.3	7.7	0.0	510.2

05:34:14	01:57:07	2004.0	5655.3	7.7	0.0	511.4
05:34:24	01:57:17	2012.0	5663.3	7.7	0.0	512.6
05:34:34	01:57:27	2016.0	5667.3	7.7	0.0	513.8
05:34:44	01:57:37	2006.0	5657.3	7.7	0.0	515.2
05:34:54	01:57:47	2016.0	5667.3	7.7	0.0	516.4
05:35:04	01:57:57	2014.0	5665.3	7.7	0.0	517.6

05:35:14	01:58:07	2014.0	5665.3	7.7	0.0	519.2
05:35:24	01:58:17	2024.0	5675.3	7.7	0.0	520.4
05:35:34	01:58:27	2010.0	5661.4	7.6	0.0	521.6
05:35:44	01:58:37	2020.0	5671.4	7.6	0.0	522.8
05:35:54	01:58:47	2018.0	5669.4	7.6	0.0	524.2
05:36:04	01:58:57	2018.0	5669.4	7.6	0.0	525.4

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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05:36:14	01:59:07	2030.0	5681.4	7.6	0.0	526.6
05:36:24	01:59:17	2024.0	5675.4	7.6	0.0	528.0
05:36:34	01:59:27	2024.0	5675.3	7.7	0.0	529.2
05:36:44	01:59:37	2032.0	5683.4	7.6	0.0	530.4
05:36:54	01:59:47	2020.0	5671.4	7.6	0.0	531.8
05:37:04	01:59:57	2036.0	5687.4	7.6	0.0	533.2

05:37:14	02:00:07	2032.0	5683.4	7.6	0.0	534.4
05:37:24	02:00:17	2024.0	5675.4	7.6	0.0	535.6
05:37:34	02:00:27	2040.0	5691.3	7.7	0.0	536.8
05:37:44	02:00:37	2030.0	5681.4	7.6	0.0	538.2
05:37:54	02:00:47	2034.0	5685.4	7.6	0.0	539.4
05:38:04	02:00:57	2038.0	5689.3	7.7	0.0	540.6

Surface Press (psi) = 2038
Actual Press (psi) = 0
Bottom Press (psi) = 5689
Closure Press (psi) = 3500
Fractur Press (psi) = 2189
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 2
Fric Slurry (psi) = 2
Average Counter = 4
BHP Tool (psi) = 0

Blender Rate (BPM) = 7.66
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 66
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 724

DAY TIME
05:38:12

JOB TIME
02:01:05

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWest Prop
Ichange Disc Iend Monitoring

WESTERN PETROLEUM SERVICES

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

05:38:14	02:01:07	2032.0	5683.4	7.6	0.0	542.0
05:38:24	02:01:17	2044.0	5695.4	7.6	0.0	543.2
05:38:34	02:01:27	2070.0	5720.6	9.0	0.0	544.6
05:38:44	02:01:37	2052.0	5703.4	7.6	0.0	546.2
05:38:54	02:01:47	2054.0	5705.3	7.8	0.0	547.4
05:39:04	02:01:57	2056.0	5707.2	8.0	0.0	548.6

05:39:14	02:02:07	2100.0	5750.6	9.1	0.0	550.2
05:39:24	02:02:17	2100.0	5750.5	9.2	0.0	551.6
05:39:34	02:02:27	2116.0	5766.6	9.1	0.0	553.2
05:39:44	02:02:37	2124.0	5774.6	9.1	0.0	554.6
05:39:54	02:02:47	2118.0	5768.6	9.1	0.0	556.2
05:40:04	02:02:57	2122.0	5772.6	9.1	0.0	557.6

05:40:14	02:03:07	2116.0	5766.6	9.1	0.0	559.2
05:40:24	02:03:17	2122.0	5772.6	9.1	0.0	560.6
05:40:34	02:03:27	2122.0	5772.6	9.1	0.0	562.4
05:40:44	02:03:37	2120.0	5770.6	9.1	0.0	563.6
05:40:54	02:03:47	2132.0	5782.6	9.1	0.0	565.4
05:41:04	02:03:57	2118.0	5768.6	9.1	0.0	566.6

05:41:14	02:04:07	2130.0	5780.6	9.1	0.0	568.4
05:41:24	02:04:17	2128.0	5778.6	9.1	0.0	569.6
05:41:34	02:04:27	2132.0	5782.6	9.1	0.0	571.4
05:41:44	02:04:37	2136.0	5786.6	9.1	0.0	572.8
05:41:54	02:04:47	2132.0	5782.6	9.1	0.0	574.4
05:42:04	02:04:57	2146.0	5796.6	9.1	0.0	575.8

05:42:14	02:05:07	2134.0	5784.6	9.1	0.0	577.4
05:42:24	02:05:17	2146.0	5796.6	9.1	0.0	579.0
05:42:34	02:05:27	2144.0	5794.6	9.1	0.0	580.4
05:42:44	02:05:37	2142.0	5792.6	9.1	0.0	582.0
05:42:54	02:05:47	2146.0	5796.6	9.1	0.0	583.4
05:43:04	02:05:57	2142.0	5792.6	9.1	0.0	585.0

05:43:14	02:06:07	2154.0	5804.6	9.1	0.0	586.4
05:43:24	02:06:17	2142.0	5792.6	9.1	0.0	588.2
05:43:34	02:06:27	2158.0	5808.6	9.1	0.0	589.6
05:43:44	02:06:37	2150.0	5800.6	9.1	0.0	591.2
05:43:54	02:06:47	2160.0	5810.6	9.1	0.0	592.6
05:44:04	02:06:57	2160.0	5810.6	9.1	0.0	594.2

05:44:14	02:07:07	2156.0	5806.6	9.1	0.0	595.6
05:44:24	02:07:17	2164.0	5814.6	9.1	0.0	597.2
05:44:34	02:07:27	2160.0	5810.6	9.1	0.0	598.6
05:44:44	02:07:37	2166.0	5816.6	9.1	0.0	600.2
05:44:54	02:07:47	2148.0	5798.6	9.1	0.0	601.6
05:45:04	02:07:57	2172.0	5822.6	9.1	0.0	603.2

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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05:45:14	02:08:07	2162.0	5812.6	9.1	0.0	604.6
05:45:24	02:08:17	2164.0	5814.6	9.1	0.0	606.4
05:45:34	02:08:27	2164.0	5814.6	9.0	0.0	607.6
05:45:44	02:08:37	2160.0	5810.6	9.1	0.0	609.4
05:45:54	02:08:47	2170.0	5820.6	9.1	0.0	610.6
05:46:04	02:08:57	2172.0	5822.6	9.1	0.0	612.4

05:46:14	02:09:07	2162.0	5812.6	9.1	0.0	613.6
05:46:24	02:09:17	2176.0	5826.6	9.1	0.0	615.4
05:46:34	02:09:27	2168.0	5818.6	9.1	0.0	616.6
05:46:44	02:09:37	2170.0	5820.6	9.1	0.0	618.4
05:46:54	02:09:47	2174.0	5824.6	9.1	0.0	619.8
05:47:04	02:09:57	2162.0	5812.6	9.1	0.0	621.4

05:47:14	02:10:07	2172.0	5822.6	9.1	0.0	622.8
05:47:24	02:10:17	2174.0	5824.6	9.1	0.0	624.4
05:47:34	02:10:27	2168.0	5818.6	9.1	0.0	626.0
05:47:44	02:10:37	2142.0	5792.6	9.1	0.0	627.4
05:47:54	02:10:47	2098.0	5748.5	9.2	0.0	629.0
05:48:04	02:10:57	2092.0	5742.5	9.2	0.0	630.6

05:48:14	02:11:07	2084.0	5734.5	9.2	0.0	632.2
05:48:24	02:11:17	2078.0	5728.5	9.2	0.0	633.6
05:48:34	02:11:27	2082.0	5732.5	9.2	0.0	635.2
05:48:44	02:11:37	2074.0	5724.5	9.2	0.0	636.6
05:48:54	02:11:47	2084.0	5734.5	9.2	0.0	638.2
05:49:04	02:11:57	2070.0	5720.5	9.2	0.0	639.6

05:49:14	02:12:07	2084.0	5734.5	9.2	0.0	641.4
05:49:24	02:12:17	2078.0	5728.5	9.2	0.0	642.6
05:49:34	02:12:27	2090.0	5740.6	9.1	0.0	644.4
05:49:44	02:12:37	2082.0	5732.5	9.2	0.0	645.8
05:49:54	02:12:47	2090.0	5740.5	9.2	0.0	647.4
05:50:04	02:12:57	2082.0	5732.5	9.2	0.0	649.0

05:50:14	02:13:07	2092.0	5742.5	9.2	0.0	650.4
05:50:24	02:13:17	2086.0	5736.5	9.2	0.0	652.0
05:50:34	02:13:27	2094.0	5744.5	9.2	0.0	653.6
05:50:44	02:13:37	2096.0	5746.5	9.2	0.0	655.2
05:50:54	02:13:47	2092.0	5742.5	9.2	0.0	656.6
05:51:04	02:13:57	2100.0	5750.5	9.2	0.0	658.2

05:51:14	02:14:07	2090.0	5740.5	9.2	0.0	659.6
05:51:24	02:14:17	2104.0	5754.5	9.2	0.0	661.2
05:51:34	02:14:27	2090.0	5740.5	9.2	0.0	662.6
05:51:44	02:14:37	2104.0	5754.5	9.2	0.0	664.4
05:51:54	02:14:47	2096.0	5746.5	9.2	0.0	665.6
05:52:04	02:14:57	2100.0	5750.5	9.2	0.0	667.4

Surface Press (psi) = 2100
Actual Press (psi) = 0
Bottom Press (psi) = 5750
Closure Press (psi) = 3500
Fractur Press (psi) = 2250
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 3
Fric Slurry (psi) = 3
Average Counter = 2
BHP Tool (psi) = 0

Blender Rate (BPM) = 9.2
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 56
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 808

DAY TIME
05:52:08

JOB TIME
02:15:01

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWest Prop
IChange Disc IEnd Monitoring

WESTERN PETROLEUM SERVICES

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

05:52:14	02:15:07	2106.0	5756.5	9.2	0.0	668.8
05:52:24	02:15:17	2112.0	5762.4	9.5	0.0	670.4
05:52:34	02:15:27	2152.0	5801.6	10.8	0.0	672.2
05:52:44	02:15:37	2162.0	5811.4	11.1	0.0	674.0
05:52:54	02:15:47	2156.0	5805.4	11.1	0.0	675.6
05:53:04	02:15:57	2178.0	5827.4	11.1	0.0	677.6

05:53:14	02:16:07	2180.0	5829.4	11.1	0.0	679.4
05:53:24	02:16:17	2182.0	5831.4	11.1	0.0	681.4
05:53:34	02:16:27	2180.0	5829.4	11.1	0.0	683.4
05:53:44	02:16:37	2194.0	5843.5	11.0	0.0	685.0
05:53:54	02:16:47	2194.0	5843.5	11.0	0.0	686.8
05:54:04	02:16:57	2192.0	5841.5	11.0	0.0	688.6

05:54:14	02:17:07	2196.0	5845.5	11.0	0.0	690.6
05:54:24	02:17:17	2198.0	5847.5	11.0	0.0	692.4
05:54:34	02:17:27	2208.0	5857.5	11.0	0.0	694.4
05:54:44	02:17:37	2198.0	5847.5	11.0	0.0	696.0
05:54:54	02:17:47	2194.0	5843.6	10.8	0.0	698.0
05:55:04	02:17:57	2166.0	5816.5	9.2	0.0	699.6

05:55:14	02:18:07	2158.0	5808.2	9.8	0.0	701.2
05:55:24	02:18:17	2174.0	5824.0	10.1	0.0	702.6
05:55:34	02:18:27	2184.0	5834.0	10.1	0.0	704.4
05:55:44	02:18:37	2186.0	5836.0	10.1	0.0	706.4
05:55:54	02:18:47	2176.0	5826.0	10.1	0.0	707.6
05:56:04	02:18:57	2182.0	5832.0	10.1	0.0	709.6

05:56:14	02:19:07	2188.0	5838.0	10.1	0.0	711.4
05:56:24	02:19:17	2188.0	5838.0	10.1	0.0	713.0
05:56:34	02:19:27	2188.0	5838.0	10.1	0.0	714.6
05:56:44	02:19:37	2184.0	5834.0	10.1	0.0	716.4
05:56:54	02:19:47	2186.0	5836.0	10.1	0.0	718.0
05:57:04	02:19:57	2192.0	5842.0	10.1	0.0	719.6

05:57:14	02:20:07	2202.0	5852.0	10.1	0.0	721.4
05:57:24	02:20:17	2196.0	5846.0	10.1	0.0	723.0
05:57:34	02:20:27	2194.0	5844.0	10.1	0.0	724.6
05:57:44	02:20:37	2190.0	5840.0	10.1	0.0	726.4
05:57:54	02:20:47	2198.0	5848.0	10.1	0.0	728.0
05:58:04	02:20:57	2204.0	5854.0	10.1	0.0	729.6

05:58:14	02:21:07	2204.0	5854.0	10.1	0.0	731.4
05:58:24	02:21:17	2200.0	5850.0	10.1	0.0	733.0
05:58:34	02:21:27	2200.0	5850.0	10.1	0.0	734.6
05:58:44	02:21:37	2202.0	5852.0	10.0	0.0	736.4
05:58:54	02:21:47	2206.0	5856.0	10.1	0.0	738.2
05:59:06	02:21:59	2210.0	5860.0	10.1	0.0	739.8

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL	R	INSTANT	TEMPERA
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05:59:16	02:22:09	2208.0	5858.0	10.1	0.0	741.6
06:00:11	02:23:03	2214.0	5864.0	10.1	0.0	751.0
06:00:21	02:23:13	2214.0	5864.0	10.1	0.0	752.6
06:00:31	02:23:23	2210.0	5860.0	10.1	0.0	754.4
06:00:41	02:23:33	2220.0	5870.0	10.1	0.0	756.2
06:00:51	02:23:43	2222.0	5872.1	10.0	0.0	757.6

06:01:01	02:23:53	2220.0	5870.0	10.1	0.0	759.4
06:01:11	02:24:03	2216.0	5866.0	10.1	0.0	761.2
06:01:21	02:24:13	2216.0	5866.0	10.0	0.0	762.6
06:01:31	02:24:23	2226.0	5876.0	10.0	0.0	764.4
06:01:41	02:24:33	2236.0	5886.0	10.1	0.0	766.2
06:01:51	02:24:43	2224.0	5874.1	10.0	0.0	767.6

06:02:01	02:24:53	2222.0	5872.0	10.0	0.0	769.4
06:02:11	02:25:03	2228.0	5878.1	10.0	0.0	771.4
06:02:21	02:25:13	2232.0	5882.0	10.0	0.0	772.6
06:02:31	02:25:23	2234.0	5884.1	10.0	0.0	774.6
06:02:41	02:25:33	2230.0	5880.1	10.0	0.0	776.2
06:02:51	02:25:43	2232.0	5882.0	10.1	0.0	778.0

06:03:01	02:25:53	2240.0	5890.0	10.0	0.0	779.6
06:03:11	02:26:03	2234.0	5884.1	10.0	0.0	781.4
06:03:21	02:26:13	2234.0	5884.0	10.1	0.0	783.0
06:03:31	02:26:23	2234.0	5884.1	10.0	0.0	784.6
06:03:41	02:26:33	2238.0	5888.1	10.0	0.0	786.4
06:03:51	02:26:43	2242.0	5892.1	10.0	0.0	788.0

06:04:01	02:26:53	2240.0	5890.1	10.0	0.0	789.6
06:04:11	02:27:03	2234.0	5884.1	10.0	0.0	791.4
06:04:21	02:27:13	2242.0	5892.1	10.0	0.0	793.0
06:04:33	02:27:26	2246.0	5896.1	10.0	0.0	795.0
06:04:43	02:27:36	2244.0	5894.1	10.0	0.0	796.6
06:05:37	02:28:30	2254.0	5904.1	10.0	0.0	805.6

06:05:47	02:28:40	2250.0	5900.1	10.0	0.0	807.4
06:05:57	02:28:50	2256.0	5906.1	10.0	0.0	809.2
06:06:07	02:29:00	2260.0	5910.1	10.0	0.0	810.6
06:06:17	02:29:10	2264.0	5914.1	10.0	0.0	812.4
06:06:27	02:29:20	2262.0	5912.1	10.0	0.0	814.2
06:06:37	02:29:30	2254.0	5904.0	10.0	0.0	815.6

06:06:47	02:29:40	2258.0	5908.1	10.0	0.0	817.4
06:06:57	02:29:50	2262.0	5912.1	10.0	0.0	819.2
06:07:07	02:30:00	2266.0	5916.1	10.0	0.0	820.6

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

06:07:17	02:30:10	2278.0	5928.0	10.2	0.0	822.4
06:07:27	02:30:20	2292.0	5941.5	10.9	0.0	824.4
06:07:37	02:30:30	2292.0	5941.5	11.0	0.0	826.0
06:07:47	02:30:40	2300.0	5949.5	11.0	0.0	827.8
06:07:57	02:30:50	2306.0	5955.5	11.0	0.0	829.6
06:08:07	02:31:00	2312.0	5961.4	11.1	0.0	831.6

06:08:17	02:31:10	2320.0	5969.5	11.0	0.0	833.4
06:08:27	02:31:20	2320.0	5969.5	11.0	0.0	835.4
06:08:37	02:31:30	2318.0	5967.5	11.0	0.0	837.0
06:08:47	02:31:40	2314.0	5963.5	11.0	0.0	839.0
06:08:57	02:31:50	2318.0	5967.5	11.0	0.0	840.6
06:09:07	02:32:00	2326.0	5975.5	11.0	0.0	842.6

06:09:17	02:32:10	2332.0	5981.5	11.0	0.0	844.4
06:09:30	02:32:23	2334.0	5983.5	11.0	0.0	846.6
06:09:40	02:32:33	2332.0	5981.5	11.0	0.0	848.6
06:09:50	02:32:43	2336.0	5985.5	11.0	0.0	850.4
06:10:00	02:32:53	2340.0	5989.5	11.0	0.0	852.4
06:10:10	02:33:03	2346.0	5995.5	11.0	0.0	854.0

06:10:20	02:33:13	2346.0	5995.5	11.0	0.0	856.0
06:10:30	02:33:23	2340.0	5989.5	11.0	0.0	857.6
06:10:40	02:33:33	2342.0	5991.5	11.0	0.0	859.6
06:11:32	02:34:25	2356.0	6005.5	11.0	0.0	869.0
06:11:43	02:34:35	2358.0	6007.5	11.0	0.0	871.0
06:11:53	02:34:45	2356.0	6005.5	11.0	0.0	873.0

06:12:44	02:35:37	2360.0	6009.5	11.0	0.0	882.4
06:12:54	02:35:47	2368.0	6017.5	11.0	0.0	884.4
06:13:04	02:35:57	2376.0	6025.5	11.0	0.0	886.0
06:13:14	02:36:07	2382.0	6031.5	11.0	0.0	888.0
06:13:24	02:36:17	2380.0	6029.5	11.0	0.0	889.6
06:13:34	02:36:27	2376.0	6025.5	10.9	0.0	891.6

06:13:44	02:36:37	2378.0	6027.5	10.9	0.0	893.4
06:13:54	02:36:47	2384.0	6033.5	11.0	0.0	895.4
06:14:04	02:36:57	2392.0	6041.5	11.0	0.0	897.0
06:14:14	02:37:07	2384.0	6033.5	11.0	0.0	898.8
06:14:24	02:37:17	2384.0	6033.5	11.0	0.0	900.6
06:14:34	02:37:27	2388.0	6037.5	10.9	0.0	902.6

06:14:44	02:37:37	2396.0	6045.5	10.9	0.0	904.4
06:14:54	02:37:47	2400.0	6049.5	10.9	0.0	906.4
06:15:04	02:37:57	2394.0	6043.5	10.9	0.0	908.0
06:15:14	02:38:07	2388.0	6037.5	11.0	0.0	909.8
06:15:24	02:38:17	2390.0	6039.5	10.9	0.0	911.6
06:15:34	02:38:27	2394.0	6043.5	10.9	0.0	913.4

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MERIDIAN OIL INC.

SAN JUAN 30_5 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

06:15:44	02:38:37	2390.0	6039.5	10.9	0.0	915.4
06:15:54	02:38:47	2394.0	6043.5	10.9	0.0	917.2
06:16:04	02:38:57	2398.0	6047.5	10.9	0.0	919.0
06:16:14	02:39:07	2400.0	6049.5	10.9	0.0	920.6
06:16:24	02:39:17	2402.0	6051.5	11.0	0.0	922.6
06:16:34	02:39:27	2404.0	6053.5	11.0	0.0	924.4
06:16:44	02:39:37	2398.0	6047.5	11.0	0.0	926.4
06:16:54	02:39:47	2400.0	6049.5	11.0	0.0	928.0
06:17:04	02:39:57	2398.0	6047.5	11.0	0.0	930.0
06:17:14	02:40:07	2400.0	6049.5	10.9	0.0	931.6
06:17:24	02:40:17	2402.0	6051.5	11.0	0.0	932.6
06:17:34	02:40:27	2406.0	6055.5	10.9	0.0	935.4
06:17:44	02:40:37	2408.0	6057.5	10.9	0.0	937.4
06:17:54	02:40:47	2410.0	6059.5	10.9	0.0	939.0
06:18:04	02:40:57	2412.0	6061.5	11.0	0.0	940.8
06:18:14	02:41:07	2412.0	6061.5	10.9	0.0	942.6
06:18:24	02:41:17	2408.0	6057.5	10.9	0.0	944.4
06:18:34	02:41:27	2398.0	6047.5	10.9	0.0	946.4
06:18:44	02:41:37	2404.0	6053.5	10.9	0.0	948.2
06:18:54	02:41:47	2404.0	6053.5	10.9	0.0	950.0
06:19:04	02:41:57	2406.0	6055.5	10.9	0.0	951.6
06:19:14	02:42:07	2414.0	6063.5	10.9	0.0	953.6
06:19:24	02:42:17	2410.0	6059.5	10.9	0.0	955.4
06:19:34	02:42:27	2406.0	6055.5	10.9	0.0	957.4
06:19:44	02:42:37	2400.0	6049.5	10.9	0.0	959.0
06:19:54	02:42:47	2396.0	6045.5	11.0	0.0	961.0
06:20:04	02:42:57	2398.0	6047.5	10.9	0.0	962.6
06:20:14	02:43:07	2402.0	6051.5	10.9	0.0	964.6
06:20:24	02:43:17	2410.0	6059.5	10.9	0.0	966.4
06:20:34	02:43:27	2412.0	6061.5	10.9	0.0	968.4
06:20:44	02:43:37	2412.0	6061.5	10.9	0.0	970.0
06:20:54	02:43:47	2404.0	6053.5	10.9	0.0	971.8
06:21:04	02:43:57	2400.0	6049.5	10.9	0.0	973.6
06:21:14	02:44:07	2408.0	6057.5	10.9	0.0	975.4
06:21:24	02:44:17	2418.0	6067.5	10.9	0.0	977.4
06:21:34	02:44:27	2422.0	6071.5	10.9	0.0	979.2
06:21:44	02:44:37	2416.0	6065.5	10.9	0.0	981.0
06:21:54	02:44:47	2410.0	6059.5	10.9	0.0	982.6
06:22:04	02:44:57	2406.0	6055.5	10.9	0.0	984.6

Surface Press (psi) = 2406
Actual Press (psi) = 0
Bottom Press (psi) = 6055
Closure Press (psi) = 3500
Fractur Press (psi) = 2555
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 4
Fric Slurry (psi) = 4
Average Counter = 3
BHP Tool (psi) = 0

Blender Rate (BPM) = 10.9
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 30
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 970

DAY TIME
06:22:11

JOB TIME
02:45:04

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWest Prop
Ichange Disc Iend Monitoring

WESTERN PETROLEUM SERVICES

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

06:22:14	02:45:07	2414.0	6063.5	11.0	0.0	986.6
06:22:24	02:45:17	2426.0	6075.3	11.2	0.0	988.4
06:22:34	02:45:27	2438.0	6087.1	11.6	0.0	990.2
06:22:44	02:45:37	2436.0	6085.1	11.7	0.0	992.0
06:22:54	02:45:47	2434.0	6083.0	11.8	0.0	994.0
06:23:04	02:45:57	2438.0	6087.0	11.8	0.0	996.0

06:23:14	02:46:07	2444.0	6092.9	12.0	0.0	998.0
06:23:24	02:46:17	2456.0	6104.9	12.0	0.0	1000.0
06:23:34	02:46:27	2458.0	6106.9	12.0	0.0	1002.0
06:23:44	02:46:37	2462.0	6110.9	12.0	0.0	1004.0
06:23:54	02:46:47	2460.0	6108.9	12.0	0.0	1006.0
06:24:04	02:46:57	2456.0	6104.9	12.0	0.0	1008.0

06:24:14	02:47:07	2456.0	6104.9	12.0	0.0	1010.0
06:24:24	02:47:17	2460.0	6108.9	11.9	0.0	1012.0
06:24:34	02:47:27	2460.0	6108.9	11.9	0.0	1014.0
06:24:44	02:47:37	2460.0	6108.9	11.9	0.0	1016.0
06:24:54	02:47:47	2464.0	6112.9	11.9	0.0	1018.0
06:25:04	02:47:57	2462.0	6110.9	11.9	0.0	1020.0

06:25:14	02:48:07	2470.0	6119.0	11.9	0.0	1021.8
06:25:24	02:48:17	2470.0	6118.9	11.9	0.0	1023.8
06:25:34	02:48:27	2472.0	6121.0	11.9	0.0	1025.8
06:25:44	02:48:37	2472.0	6120.9	11.9	0.0	1027.8
06:25:54	02:48:47	2472.0	6121.0	11.8	0.0	1029.8
06:26:04	02:48:57	2480.0	6128.9	11.9	0.0	1031.8

06:26:14	02:49:07	2480.0	6128.9	11.9	0.0	1033.8
06:26:24	02:49:17	2478.0	6126.9	11.9	0.0	1035.8
06:26:34	02:49:27	2488.0	6137.0	11.9	0.0	1037.8
06:26:44	02:49:37	2482.0	6130.9	11.9	0.0	1039.8
06:26:54	02:49:47	2488.0	6136.9	11.9	0.0	1041.8
06:27:04	02:49:57	2488.0	6137.0	11.8	0.0	1043.6

06:27:14	02:50:07	2486.0	6134.9	11.9	0.0	1045.6
06:27:24	02:50:17	2486.0	6134.9	11.9	0.0	1047.6
06:27:34	02:50:27	2490.0	6139.0	11.9	0.0	1049.6
06:27:44	02:50:37	2488.0	6136.9	11.9	0.0	1051.6
06:27:54	02:50:47	2486.0	6135.0	11.8	0.0	1053.6
06:28:04	02:50:57	2490.0	6139.0	11.9	0.0	1055.6

06:28:14	02:51:07	2490.0	6139.0	11.9	0.0	1057.6
06:28:24	02:51:17	2490.0	6138.9	11.9	0.0	1059.6
06:28:34	02:51:27	2492.0	6141.0	11.8	0.0	1061.4
06:28:44	02:51:37	2496.0	6145.0	11.8	0.0	1063.6
06:28:54	02:51:47	2494.0	6143.0	11.8	0.0	1065.4
06:29:04	02:51:57	2490.0	6139.0	11.8	0.0	1067.4

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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06:29:14	02:52:07	2500.0	6149.0	11.8	0.0	1069.4
06:29:24	02:52:17	2496.0	6145.0	11.8	0.0	1071.4
06:29:34	02:52:27	2502.0	6151.0	11.8	0.0	1073.4
06:29:44	02:52:37	2516.0	6165.0	11.8	0.0	1075.4
06:29:54	02:52:47	2520.0	6169.0	11.8	0.0	1077.4
06:30:04	02:52:57	2524.0	6173.0	11.8	0.0	1079.4

06:30:14	02:53:07	2528.0	6177.0	11.8	0.0	1081.4
06:30:24	02:53:17	2532.0	6181.0	11.8	0.0	1083.4
06:30:34	02:53:27	2532.0	6181.0	11.8	0.0	1085.4
06:30:44	02:53:37	2540.0	6189.0	11.8	0.0	1087.2
06:30:54	02:53:47	2538.0	6187.0	11.8	0.0	1089.2
06:31:04	02:53:57	2538.0	6187.0	11.8	0.0	1091.0

06:31:14	02:54:07	2544.0	6193.0	11.8	0.0	1093.0
06:31:24	02:54:17	2548.0	6197.0	11.8	0.0	1095.0
06:31:34	02:54:27	2546.0	6195.0	11.8	0.0	1097.0
06:31:44	02:54:37	2548.0	6197.0	11.8	0.0	1099.0
06:31:54	02:54:47	2548.0	6197.0	11.8	0.0	1101.0
06:32:04	02:54:57	2552.0	6201.0	11.8	0.0	1102.8

06:32:14	02:55:07	2558.0	6207.0	11.8	0.0	1104.8
06:32:24	02:55:17	2564.0	6213.0	11.8	0.0	1106.8
06:32:34	02:55:27	2566.0	6215.0	11.8	0.0	1108.8
06:32:44	02:55:37	2566.0	6215.0	11.8	0.0	1110.8
06:32:54	02:55:47	2566.0	6215.0	11.8	0.0	1112.6
06:33:04	02:55:57	2564.0	6213.0	11.8	0.0	1114.6

06:33:14	02:56:07	2566.0	6215.0	11.8	0.0	1116.6
06:33:24	02:56:17	2566.0	6215.0	11.8	0.0	1118.6
06:33:34	02:56:27	2560.0	6209.0	11.8	0.0	1120.6
06:33:44	02:56:37	2564.0	6213.0	11.8	0.0	1122.6
06:33:54	02:56:47	2566.0	6215.0	11.8	0.0	1124.4
06:34:04	02:56:57	2568.0	6217.0	11.8	0.0	1126.4

06:34:14	02:57:07	2566.0	6215.0	11.8	0.0	1128.4
06:34:24	02:57:17	2566.0	6215.0	11.8	0.0	1130.4
06:34:34	02:57:27	2566.0	6215.0	11.8	0.0	1132.4
06:34:44	02:57:37	2562.0	6211.0	11.8	0.0	1134.4
06:34:54	02:57:47	2566.0	6215.0	11.8	0.0	1136.4
06:35:04	02:57:57	2568.0	6217.0	11.8	0.0	1138.4

06:35:14	02:58:07	2564.0	6213.0	11.7	0.0	1140.4
06:35:24	02:58:17	2568.0	6217.0	11.8	0.0	1142.4
06:35:34	02:58:27	2574.0	6223.0	11.8	0.0	1144.4
06:35:44	02:58:37	2574.0	6223.0	11.8	0.0	1146.2
06:35:54	02:58:47	2572.0	6221.0	11.7	0.0	1148.2
06:36:04	02:58:57	2574.0	6223.0	11.8	0.0	1150.0

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
06:36:14	02:59:07	2574.0	6223.0	11.8	0.0	1152.0
06:36:24	02:59:17	2578.0	6227.0	11.7	0.0	1154.0
06:36:34	02:59:27	2578.0	6227.0	11.8	0.0	1156.0
06:36:44	02:59:37	2578.0	6227.0	11.8	0.0	1158.0
06:36:54	02:59:47	2574.0	6223.0	11.7	0.0	1159.8
06:37:04	02:59:57	2572.0	6221.0	11.7	0.0	1161.8

Surface Press (psi) = 2572
Actual Press (psi) = 0
Bottom Press (psi) = 6221
Closure Press (psi) = 3500
Fractur Press (psi) = 2721
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 4
Fric Slurry (psi) = 4
Average Counter = 1
BHP Tool (psi) = 0

Blender Rate (BPM) = 11.7
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 26
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 1060

DAY TIME
06:37:07

JOB TIME
03:00:00

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWest Prop
Ichange Disc Iend Monitoring

WESTERN PETROLEUM SERVICES

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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06:37:14	03:00:07	2574.0	6223.0	11.8	0.0	1163.8
06:37:24	03:00:17	2580.0	6228.9	12.0	0.0	1165.8
06:37:34	03:00:27	2594.0	6242.7	12.3	0.0	1167.3
06:37:44	03:00:37	2612.0	6260.5	12.5	0.0	1169.8
06:37:54	03:00:47	2612.0	6260.4	12.8	0.0	1172.0
06:38:04	03:00:57	2596.0	6244.2	13.1	0.0	1174.2

06:38:14	03:01:07	2598.0	6246.1	13.2	0.0	1176.4
06:38:24	03:01:17	2600.0	6248.1	13.2	0.0	1178.6
06:38:34	03:01:27	2604.0	6252.1	13.2	0.0	1180.8
06:38:44	03:01:37	2602.0	6250.1	13.2	0.0	1182.8
06:38:54	03:01:47	2602.0	6250.1	13.2	0.0	1185.2
06:39:04	03:01:57	2600.0	6248.1	13.2	0.0	1187.4

06:39:14	03:02:07	2604.0	6252.1	13.2	0.0	1189.6
06:39:24	03:02:17	2606.0	6254.1	13.2	0.0	1191.8
06:39:34	03:02:27	2612.0	6260.1	13.2	0.0	1194.0
06:39:44	03:02:37	2616.0	6264.1	13.2	0.0	1196.4
06:39:54	03:02:47	2618.0	6266.1	13.2	0.0	1198.4
06:40:04	03:02:57	2620.0	6268.1	13.2	0.0	1200.6

06:40:14	03:03:07	2626.0	6274.1	13.2	0.0	1202.8
06:40:24	03:03:17	2616.0	6264.1	13.2	0.0	1205.0
06:40:34	03:03:27	2624.0	6272.1	13.2	0.0	1207.2
06:40:44	03:03:37	2622.0	6270.1	13.2	0.0	1209.4
06:40:54	03:03:47	2620.0	6268.1	13.2	0.0	1211.6
06:41:04	03:03:57	2616.0	6264.1	13.2	0.0	1213.8

06:41:14	03:04:07	2626.0	6274.1	13.2	0.0	1216.0
06:41:24	03:04:17	2630.0	6278.1	13.2	0.0	1218.2
06:41:34	03:04:27	2628.0	6276.1	13.2	0.0	1220.4
06:41:44	03:04:37	2628.0	6276.1	13.2	0.0	1222.6
06:41:54	03:04:47	2624.0	6272.1	13.2	0.0	1224.8
06:42:04	03:04:57	2622.0	6270.1	13.2	0.0	1227.0

06:42:14	03:05:07	2628.0	6276.1	13.2	0.0	1229.2
06:42:24	03:05:17	2630.0	6278.1	13.2	0.0	1231.4
06:42:34	03:05:27	2636.0	6284.1	13.2	0.0	1233.6
06:42:44	03:05:37	2634.0	6282.1	13.2	0.0	1235.8
06:42:54	03:05:47	2636.0	6284.1	13.2	0.0	1238.0
06:43:04	03:05:57	2632.0	6280.1	13.2	0.0	1240.2

06:43:14	03:06:07	2636.0	6284.1	13.2	0.0	1242.4
06:43:24	03:06:17	2632.0	6280.1	13.2	0.0	1244.6
06:43:34	03:06:27	2636.0	6284.1	13.2	0.0	1246.8
06:43:44	03:06:37	2640.0	6288.1	13.2	0.0	1249.0
06:43:54	03:06:47	2644.0	6292.1	13.1	0.0	1251.2
06:44:04	03:06:57	2638.0	6286.1	13.2	0.0	1253.4

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
06:44:14	03:07:07	2646.0	6294.1	13.2	0.0	1255.6
06:44:24	03:07:17	2642.0	6290.1	13.2	0.0	1257.8
06:44:34	03:07:27	2640.0	6288.1	13.2	0.0	1260.0
06:44:44	03:07:37	2636.0	6284.1	13.2	0.0	1262.2
06:44:54	03:07:47	2640.0	6288.1	13.2	0.0	1264.4
06:45:04	03:07:57	2644.0	6292.1	13.2	0.0	1266.6
06:45:14	03:08:07	2650.0	6298.1	13.2	0.0	1268.8
06:45:24	03:08:17	2650.0	6298.1	13.2	0.0	1271.0
06:45:34	03:08:27	2648.0	6296.1	13.1	0.0	1273.4
06:45:44	03:08:37	2650.0	6298.1	13.2	0.0	1275.4
06:45:54	03:08:47	2646.0	6294.1	13.2	0.0	1277.6
06:46:04	03:08:57	2646.0	6294.1	13.2	0.0	1279.8
06:46:14	03:09:07	2646.0	6294.1	13.2	0.0	1282.0
06:46:24	03:09:17	2648.0	6296.1	13.2	0.0	1284.4
06:46:34	03:09:27	2650.0	6298.1	13.2	0.0	1286.4
06:46:44	03:09:37	2644.0	6292.1	13.2	0.0	1288.6
06:46:54	03:09:47	2640.0	6288.1	13.2	0.0	1290.8
06:47:04	03:09:57	2644.0	6292.1	13.2	0.0	1293.0
06:47:14	03:10:07	2642.0	6290.1	13.2	0.0	1295.2
06:47:24	03:10:17	2648.0	6296.1	13.2	0.0	1297.4
06:47:34	03:10:27	2654.0	6302.1	13.2	0.0	1299.6
06:47:44	03:10:37	2658.0	6306.1	13.2	0.0	1301.8
06:47:54	03:10:47	2654.0	6302.1	13.1	0.0	1304.0
06:48:04	03:10:57	2648.0	6296.1	13.2	0.0	1306.2
06:48:14	03:11:07	2648.0	6296.1	13.2	0.0	1308.4
06:48:24	03:11:17	2646.0	6294.1	13.2	0.0	1310.6
06:48:34	03:11:27	2650.0	6298.1	13.2	0.0	1312.8
06:48:44	03:11:37	2646.0	6294.1	13.2	0.0	1314.8
06:48:54	03:11:47	2650.0	6298.1	13.2	0.0	1317.2
06:49:04	03:11:57	2658.0	6306.1	13.2	0.0	1319.4
06:49:14	03:12:07	2656.0	6304.1	13.2	0.0	1321.6
06:49:24	03:12:17	2658.0	6306.1	13.2	0.0	1323.8
06:49:34	03:12:27	2652.0	6300.1	13.2	0.0	1325.8
06:49:44	03:12:37	2654.0	6302.1	13.2	0.0	1328.2
06:49:54	03:12:47	2654.0	6302.1	13.2	0.0	1330.4
06:50:04	03:12:57	2656.0	6304.1	13.2	0.0	1332.6
06:50:14	03:13:07	2660.0	6308.1	13.1	0.0	1334.8
06:50:24	03:13:17	2654.0	6302.1	13.2	0.0	1337.0
06:50:34	03:13:27	2654.0	6302.1	13.2	0.0	1339.2
06:50:44	03:13:37	2656.0	6304.1	13.1	0.0	1341.4
06:50:54	03:13:47	2650.0	6298.1	13.2	0.0	1343.6
06:51:04	03:13:57	2648.0	6296.1	13.2	0.0	1345.8

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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06:51:14	03:14:07	2654.0	6302.2	13.1	0.0	1348.0
06:51:24	03:14:17	2654.0	6302.1	13.2	0.0	1350.2
06:51:34	03:14:27	2656.0	6304.1	13.2	0.0	1352.4
06:51:44	03:14:37	2656.0	6304.1	13.2	0.0	1354.6
06:51:54	03:14:47	2652.0	6300.2	13.1	0.0	1356.8
06:52:04	03:14:57	2658.0	6306.1	13.1	0.0	1358.8

Surface Press (psi) = 2658
Actual Press (psi) = 0
Bottom Press (psi) = 6306
Closure Press (psi) = 3500
Fractur Press (psi) = 2806
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 5
Fric Slurry (psi) = 5
Average Counter = 3
BHP Tool (psi) = 0

Blender Rate (BPM) = 13.1
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 22
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 1150

DAY TIME
06:52:11

JOB TIME
03:15:04

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWest Prop
Ichange Disc Iend Monitoring

WESTERN PETROLEUM SERVICES

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

06:52:14	03:15:07	2654.0	6302.2	13.1	0.0	1361.2
06:52:24	03:15:17	2670.0	6317.7	13.8	0.0	1363.4
06:52:34	03:15:27	2672.0	6319.5	14.1	0.0	1365.8
06:52:44	03:15:37	2676.0	6323.5	14.0	0.0	1368.0
06:52:54	03:15:47	2670.0	6317.6	14.0	0.0	1370.4
06:53:04	03:15:57	2670.0	6317.6	14.0	0.0	1372.8
06:53:14	03:16:07	2678.0	6325.6	13.9	0.0	1375.0
06:53:24	03:16:17	2672.0	6319.6	13.9	0.0	1377.4
06:53:34	03:16:27	2672.0	6319.6	13.9	0.0	1379.8
06:53:44	03:16:37	2676.0	6323.7	13.8	0.0	1382.0
06:53:54	03:16:47	2670.0	6317.8	13.7	0.0	1384.4
06:54:04	03:16:57	2668.0	6315.7	13.8	0.0	1386.6
06:54:14	03:17:07	2674.0	6321.7	13.7	0.0	1388.8
06:54:24	03:17:17	2672.0	6319.8	13.7	0.0	1391.2
06:54:34	03:17:27	2672.0	6319.8	13.7	0.0	1393.4
06:54:44	03:17:37	2672.0	6319.9	13.5	0.0	1395.8
06:54:54	03:17:47	2664.0	6312.3	12.8	0.0	1397.8
06:55:04	03:17:57	2650.0	6299.2	11.4	0.0	1400.0
06:55:14	03:18:07	2598.0	6248.0	10.2	0.0	1401.6
06:55:24	03:18:17	2538.0	6188.3	9.6	0.0	1403.4
06:55:34	03:18:27	2478.0	6128.8	8.6	0.0	1405.2
06:55:44	03:18:37	2468.0	6119.7	6.9	0.0	1406.2
06:55:54	03:18:47	2470.0	6117.7	13.8	0.0	1407.8
06:56:04	03:18:57	2522.0	6170.9	12.0	0.0	1410.0
06:56:14	03:19:07	2560.0	6208.7	12.3	0.0	1412.0
06:56:24	03:19:17	2594.0	6242.2	13.0	0.0	1414.2
06:56:34	03:19:27	2638.0	6285.8	13.6	0.0	1416.4
06:56:44	03:19:37	2650.0	6297.6	13.9	0.0	1418.8
06:56:54	03:19:47	2660.0	6307.6	13.9	0.0	1421.0
06:57:04	03:19:57	2684.0	6331.6	14.0	0.0	1423.4
06:57:14	03:20:07	2682.0	6329.6	14.0	0.0	1425.8
06:57:24	03:20:17	2682.0	6329.6	14.0	0.0	1428.2
06:57:34	03:20:27	2702.0	6349.6	14.0	0.0	1430.4
06:57:44	03:20:37	2702.0	6349.6	14.0	0.0	1432.8
06:57:54	03:20:47	2698.0	6345.6	14.0	0.0	1435.2
06:58:04	03:20:57	2714.0	6361.6	14.0	0.0	1437.4
06:58:14	03:21:07	2708.0	6355.6	14.0	0.0	1439.8
06:58:24	03:21:17	2706.0	6353.6	14.0	0.0	1442.2
06:58:34	03:21:27	2722.0	6369.6	14.0	0.0	1444.4
06:58:44	03:21:37	2714.0	6361.6	14.0	0.0	1446.8
06:58:54	03:21:47	2710.0	6357.6	14.0	0.0	1449.2
06:59:04	03:21:57	2728.0	6375.6	14.0	0.0	1451.4

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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06:59:14	03:22:07	2714.0	6361.6	14.0	0.0	1453.8
06:59:24	03:22:17	2712.0	6359.6	14.0	0.0	1456.2
06:59:34	03:22:27	2738.0	6385.6	13.9	0.0	1458.4
06:59:44	03:22:37	2718.0	6365.6	14.0	0.0	1460.8
06:59:54	03:22:47	2722.0	6369.6	14.0	0.0	1463.0
07:00:04	03:22:57	2736.0	6383.6	13.9	0.0	1465.4

07:00:14	03:23:07	2726.0	6373.6	14.0	0.0	1467.8
07:00:24	03:23:17	2724.0	6371.6	13.9	0.0	1470.0
07:00:34	03:23:27	2730.0	6377.6	13.9	0.0	1472.4
07:00:44	03:23:37	2724.0	6371.6	13.9	0.0	1474.8
07:00:54	03:23:47	2744.0	6391.6	13.9	0.0	1476.8
07:01:04	03:23:57	2724.0	6371.6	13.9	0.0	1479.4

07:01:14	03:24:07	2726.0	6373.6	13.9	0.0	1481.8
07:01:24	03:24:17	2742.0	6389.6	13.9	0.0	1483.8
07:01:34	03:24:27	2728.0	6375.6	13.9	0.0	1486.2
07:01:44	03:24:37	2736.0	6383.6	13.9	0.0	1488.8
07:01:54	03:24:47	2730.0	6377.6	13.9	0.0	1490.8
07:02:04	03:24:57	2730.0	6377.6	13.9	0.0	1493.2

07:02:14	03:25:07	2742.0	6389.6	13.9	0.0	1495.6
07:02:24	03:25:17	2730.0	6377.6	13.9	0.0	1497.8
07:02:34	03:25:27	2744.0	6391.6	13.9	0.0	1500.2
07:02:44	03:25:37	2732.0	6379.6	13.9	0.0	1502.4
07:02:54	03:25:47	2724.0	6371.6	13.9	0.0	1504.8
07:03:04	03:25:57	2742.0	6389.6	13.9	0.0	1507.2

07:03:14	03:26:07	2732.0	6379.6	13.9	0.0	1509.4
07:03:24	03:26:17	2732.0	6379.6	13.9	0.0	1511.8
07:03:34	03:26:27	2736.0	6383.6	13.9	0.0	1514.2
07:03:44	03:26:37	2728.0	6375.6	13.9	0.0	1516.4
07:03:54	03:26:47	2742.0	6389.6	13.9	0.0	1518.8
07:04:04	03:26:57	2732.0	6379.6	13.9	0.0	1521.2

07:04:14	03:27:07	2726.0	6373.6	13.9	0.0	1523.4
07:04:24	03:27:17	2742.0	6389.6	13.9	0.0	1525.8
07:04:34	03:27:27	2734.0	6381.6	13.9	0.0	1528.0
07:04:44	03:27:37	2730.0	6377.6	13.9	0.0	1530.4
07:04:54	03:27:47	2746.0	6393.6	13.9	0.0	1532.8
07:05:04	03:27:57	2730.0	6377.6	13.9	0.0	1535.0

07:05:14	03:28:07	2732.0	6379.6	13.9	0.0	1537.4
07:05:24	03:28:17	2748.0	6395.6	13.9	0.0	1539.8
07:05:34	03:28:27	2736.0	6383.6	13.9	0.0	1541.8
07:05:44	03:28:37	2736.0	6383.6	13.9	0.0	1544.2
07:05:54	03:28:47	2740.0	6387.6	13.9	0.0	1546.8
07:06:04	03:28:57	2738.0	6385.6	13.9	0.0	1548.8

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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07:06:14	03:29:07	2748.0	6395.6	13.9	0.0	1551.2
07:06:24	03:29:17	2744.0	6391.6	13.9	0.0	1553.6
07:06:34	03:29:27	2732.0	6379.6	13.9	0.0	1555.8
07:06:44	03:29:37	2752.0	6399.6	13.9	0.0	1558.2
07:06:54	03:29:47	2734.0	6381.6	13.9	0.0	1560.4
07:07:04	03:29:57	2736.0	6383.6	13.9	0.0	1562.8

07:07:19	03:30:12	2748.0	6395.6	13.9	0.0	1565.4
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Surface Press (psi) = 2748
Actual Press (psi) = 0
Bottom Press (psi) = 6395
Closure Press (psi) = 3500
Fractur Press (psi) = 2895
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 0
Fric Conductr (psi) = 5
Fric Slurry (psi) = 5
Average Counter = 2
BHP Tool (psi) = 0

Blender Rate (BPM) = 13.9
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 19
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 1241

DAY TIME
07:07:22

JOB TIME
03:30:15

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxITE IWest Prop
IChange Disc IEnd Monitoring

WESTERN PETROLEUM SERVICES

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
07:07:28	03:30:21	2752.0	6399.6	14.0	0.0	1568.4
07:07:38	03:30:31	2758.0	6405.4	14.2	0.0	1570.8
07:07:48	03:30:41	2758.0	6405.1	14.6	0.0	1573.2
07:07:58	03:30:51	2760.0	6407.0	14.9	0.0	1575.8
07:08:08	03:31:01	2784.0	6430.9	15.0	0.0	1578.2
07:08:18	03:31:11	2770.0	6416.9	15.0	0.0	1580.8
07:08:28	03:31:21	2782.0	6428.9	14.9	0.0	1583.2
07:08:38	03:31:31	2782.0	6428.9	15.0	0.0	1585.8
07:08:48	03:31:41	2774.0	6420.9	15.0	0.0	1588.2
07:08:58	03:31:51	2790.0	6436.9	15.0	0.0	1590.8
07:09:08	03:32:01	2780.0	6426.9	15.0	0.0	1593.2
07:09:18	03:32:11	2794.0	6440.9	15.0	0.0	1595.8
07:09:28	03:32:21	2784.0	6430.9	15.0	0.0	1598.2
07:09:38	03:32:31	2782.0	6429.0	14.9	0.0	1600.8
07:09:48	03:32:41	2794.0	6440.9	15.0	0.0	1603.2
07:09:58	03:32:51	2786.0	6432.9	14.9	0.0	1605.8
07:10:08	03:33:01	2798.0	6444.9	15.0	0.0	1608.0
07:10:18	03:33:11	2784.0	6430.9	14.9	0.0	1610.6
07:10:28	03:33:21	2786.0	6433.0	14.9	0.0	1613.0
07:10:38	03:33:31	2798.0	6445.0	14.9	0.0	1615.6
07:10:48	03:33:41	2786.0	6432.9	14.9	0.0	1617.8
07:10:58	03:33:51	2790.0	6436.9	14.9	0.0	1620.6
07:11:08	03:34:01	2796.0	6443.0	14.9	0.0	1622.8
07:11:18	03:34:11	2790.0	6437.0	14.9	0.0	1625.4
07:11:28	03:34:21	2786.0	6433.0	14.9	0.0	1627.8
07:11:38	03:34:31	2796.0	6442.9	14.9	0.0	1630.4
07:11:48	03:34:41	2790.0	6437.0	14.9	0.0	1632.8
07:11:58	03:34:51	2800.0	6446.9	14.9	0.0	1635.4
07:12:08	03:35:01	2798.0	6444.9	14.9	0.0	1637.8
07:12:18	03:35:11	2790.0	6437.0	14.9	0.0	1640.4
07:12:28	03:35:21	2806.0	6453.0	14.9	0.0	1642.8
07:12:38	03:35:31	2800.0	6447.0	14.9	0.0	1645.4
07:12:48	03:35:41	2786.0	6433.0	14.9	0.0	1647.8
07:12:58	03:35:51	2804.0	6451.0	14.9	0.0	1650.4
07:13:08	03:36:01	2796.0	6442.9	14.9	0.0	1652.8
07:13:18	03:36:11	2802.0	6449.0	14.9	0.0	1655.4
07:13:28	03:36:21	2802.0	6449.0	14.9	0.0	1657.8
07:13:38	03:36:31	2790.0	6437.0	14.9	0.0	1660.2
07:13:48	03:36:41	2810.0	6457.0	14.9	0.0	1662.8
07:13:58	03:36:51	2794.0	6441.0	14.9	0.0	1665.2
07:14:08	03:37:01	2802.0	6449.0	14.9	0.0	1667.8
07:14:18	03:37:11	2806.0	6453.0	14.9	0.0	1670.2

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
07:14:28	03:37:21	2800.0	6447.0	14.9	0.0	1672.8
07:14:38	03:37:31	2812.0	6458.9	14.9	0.0	1675.2
07:14:48	03:37:41	2800.0	6447.0	14.9	0.0	1677.8
07:14:58	03:37:51	2816.0	6462.9	14.9	0.0	1680.2
07:15:08	03:38:01	2802.0	6449.0	14.9	0.0	1682.8
07:15:18	03:38:11	2800.0	6447.0	14.9	0.0	1685.2
07:15:28	03:38:21	2810.0	6457.0	14.9	0.0	1687.8
07:15:38	03:38:31	2792.0	6439.0	14.9	0.0	1690.2
07:15:48	03:38:41	2818.0	6465.0	14.9	0.0	1692.8
07:15:58	03:38:51	2800.0	6447.0	14.9	0.0	1695.2
07:16:08	03:39:01	2810.0	6457.0	14.9	0.0	1697.6
07:16:18	03:39:11	2802.0	6449.0	14.9	0.0	1700.0
07:16:28	03:39:21	2796.0	6443.0	14.9	0.0	1702.6
07:16:38	03:39:31	2816.0	6463.0	14.9	0.0	1705.0
07:16:48	03:39:41	2800.0	6447.0	14.9	0.0	1707.6
07:16:58	03:39:51	2814.0	6461.0	14.9	0.0	1709.8
07:17:08	03:40:01	2808.0	6455.0	14.9	0.0	1712.4
07:17:18	03:40:11	2802.0	6449.0	14.9	0.0	1714.8
07:17:28	03:40:21	2822.0	6469.0	14.9	0.0	1717.4
07:17:38	03:40:31	2806.0	6453.0	14.9	0.0	1719.8
07:17:48	03:40:41	2806.0	6453.0	14.9	0.0	1722.4
07:17:58	03:40:51	2820.0	6467.0	14.9	0.0	1724.8
07:18:08	03:41:01	2804.0	6451.0	14.9	0.0	1727.4
07:18:18	03:41:11	2808.0	6455.0	14.9	0.0	1729.8
07:18:28	03:41:21	2816.0	6463.0	14.9	0.0	1732.4
07:18:38	03:41:31	2806.0	6453.0	14.9	0.0	1734.8
07:18:48	03:41:41	2822.0	6469.0	14.9	0.0	1737.2
07:18:58	03:41:51	2816.0	6463.0	14.9	0.0	1739.8
07:19:08	03:42:01	2806.0	6453.0	14.9	0.0	1742.2
07:19:18	03:42:11	2828.0	6475.0	14.9	0.0	1744.8
07:19:28	03:42:21	2818.0	6465.0	14.8	0.0	1747.2
07:19:38	03:42:31	2804.0	6451.0	14.9	0.0	1749.8
07:19:48	03:42:41	2820.0	6467.0	14.9	0.0	1752.2
07:19:58	03:42:51	2810.0	6457.0	14.9	0.0	1754.8
07:20:08	03:43:01	2818.0	6464.9	14.9	0.0	1757.2
07:20:18	03:43:11	2814.0	6461.0	14.9	0.0	1759.8
07:20:28	03:43:21	2800.0	6447.0	14.9	0.0	1762.2
07:20:38	03:43:31	2826.0	6473.0	14.9	0.0	1764.8
07:20:48	03:43:41	2808.0	6455.0	14.8	0.0	1767.2
07:20:58	03:43:51	2814.0	6461.0	14.9	0.0	1769.8
07:21:08	03:44:01	2812.0	6459.0	14.9	0.0	1772.2
07:21:18	03:44:11	2800.0	6447.0	14.9	0.0	1774.6

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
07:21:28	03:44:21	2820.0	6467.0	14.9	0.0	1777.0
07:21:38	03:44:31	2806.0	6453.0	14.9	0.0	1779.6
07:21:48	03:44:41	2824.0	6471.0	14.9	0.0	1781.8
07:21:58	03:44:51	2818.0	6465.0	14.9	0.0	1784.4
07:22:08	03:45:01	2816.0	6463.0	14.9	0.0	1786.8

Surface Press (psi) = 2816
Actual Press (psi) = 0
Bottom Press (psi) = 6462
Closure Press (psi) = 3500
Fractur Press (psi) = 2962
Sand (Instnt) (PPG) = 0
Sand (Resdnt) (PPG) = 0
Fric Grad (psi/Kft) = 1.1
Hydrostc Head (psi) = 3654
Fric Perfs (psi) = 1
Fric Conductr (psi) = 6
Fric Slurry (psi) = 6
Average Counter = 2
BHP Tool (psi) = 0

Blender Rate (BPM) = 14.9
Viscosity (cp) = 0
N prime = 0
K prime = 0
Elements = 15
Residence Index = 14
Sand Density (PPG) = 22.05
Hydro H G (psi/Kft) = 433
Vfrac = 0
Rel Viscosity (cp) = 1
Rel Density (PPG) = 1
Correction Factor = 1
Store Counter = 1330

DAY TIME
07:22:23

JOB TIME
03:45:15

STEP-RATE IDIAGONISTICS ISAND *
RESCALE IDUMP GRAPHICS ICOMMENTS

IBAuxite IWest Prop
IChange Disc IEnd Monitoring

WESTERN PETROLEUM SERVICES

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
07:22:28	03:45:21	2806.0	6453.0	14.9	0.0	1791.4
07:22:38	03:45:31	2816.0	6463.0	14.8	0.0	1794.4
07:22:48	03:45:41	2806.0	6453.0	14.9	0.0	1796.8
07:22:58	03:45:51	2522.0	6174.7	4.7	0.0	1798.8
07:23:08	03:46:01	2494.0	6148.0	.8	0.0	1799.0
07:23:18	03:46:11	2398.0	6052.1	.4	0.0	1799.0
07:23:28	03:46:21	2376.0	6030.1	0.0	0.0	1799.0
07:23:40	03:46:33	2340.0	5994.1	0.0	0.0	1799.0
07:23:50	03:46:43	2316.0	5970.1	0.0	0.0	1799.0
07:24:00	03:46:53	2290.0	5944.1	0.0	0.0	1799.0
07:25:05	03:47:58	2182.0	5836.1	0.0	0.0	1799.0
07:25:15	03:48:08	2168.0	5822.1	0.0	0.0	1799.0
07:25:25	03:48:18	2160.0	5814.1	0.0	0.0	1799.0
07:25:35	03:48:28	2148.0	5802.1	0.0	0.0	1799.0
07:25:45	03:48:38	2136.0	5790.1	0.0	0.0	1799.0
07:25:55	03:48:48	2130.0	5784.1	0.0	0.0	1799.0
07:26:05	03:48:58	2118.0	5772.1	0.0	0.0	1799.0
07:26:15	03:49:08	2106.0	5760.1	0.0	0.0	1799.0
07:26:25	03:49:18	2100.0	5754.1	0.0	0.0	1799.0
07:26:35	03:49:28	2092.0	5746.1	0.0	0.0	1799.0
07:26:45	03:49:38	2088.0	5742.1	0.0	0.0	1799.0
07:26:55	03:49:48	2076.0	5730.1	0.0	0.0	1799.0
07:27:05	03:49:58	2074.0	5728.1	0.0	0.0	1799.0
07:27:15	03:50:08	2064.0	5718.1	0.0	0.0	1799.0
07:27:25	03:50:18	2058.0	5712.1	0.0	0.0	1799.0
07:27:35	03:50:28	2048.0	5702.1	0.0	0.0	1799.0
07:27:45	03:50:38	2044.0	5698.1	0.0	0.0	1799.0
07:27:55	03:50:48	2038.0	5692.1	0.0	0.0	1799.0
07:28:05	03:50:58	2034.0	5688.1	0.0	0.0	1799.0
07:28:15	03:51:08	2024.0	5678.1	0.0	0.0	1799.0
07:28:25	03:51:18	2020.0	5674.1	0.0	0.0	1799.0
07:28:35	03:51:28	2012.0	5666.1	0.0	0.0	1799.0
07:28:45	03:51:38	2008.0	5662.1	0.0	0.0	1799.0
07:28:55	03:51:48	2002.0	5656.1	0.0	0.0	1799.0
07:29:05	03:51:58	2000.0	5654.1	0.0	0.0	1799.0
07:29:15	03:52:08	1994.0	5648.1	0.0	0.0	1799.0
07:29:25	03:52:18	1988.0	5642.1	0.0	0.0	1799.0
07:29:35	03:52:28	1984.0	5638.1	0.0	0.0	1799.0
07:29:45	03:52:38	1980.0	5634.1	0.0	0.0	1799.0
07:29:55	03:52:48	1974.0	5628.1	0.0	0.0	1799.0
07:30:05	03:52:58	1970.0	5624.1	0.0	0.0	1799.0
07:30:15	03:53:08	1966.0	5620.1	0.0	0.0	1799.0

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL	R	INSTANT	TEMPERA
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07:30:25	03:53:18	1960.0	5614.1	0.0	0.0	1799.0
07:30:35	03:53:28	1954.0	5608.1	0.0	0.0	1799.0
07:30:45	03:53:38	1954.0	5608.1	0.0	0.0	1799.0
07:30:55	03:53:48	1950.0	5604.1	0.0	0.0	1799.0
07:31:05	03:53:58	1940.0	5594.1	0.0	0.0	1799.0
07:31:15	03:54:08	1944.0	5598.1	0.0	0.0	1799.0

07:31:25	03:54:18	1934.0	5588.1	0.0	0.0	1799.0
07:31:35	03:54:28	1930.0	5584.1	0.0	0.0	1799.0
07:31:45	03:54:38	1934.0	5588.1	0.0	0.0	1799.0
07:31:55	03:54:48	1924.0	5578.1	0.0	0.0	1799.0
07:32:05	03:54:58	1928.0	5582.1	0.0	0.0	1799.0
07:32:15	03:55:08	1922.0	5576.1	0.0	0.0	1799.0

07:32:25	03:55:18	1916.0	5570.1	0.0	0.0	1799.0
07:32:35	03:55:28	1916.0	5570.1	0.0	0.0	1799.0
07:32:45	03:55:38	1904.0	5558.1	0.0	0.0	1799.0
07:32:55	03:55:48	1910.0	5564.1	0.0	0.0	1799.0
07:33:05	03:55:58	1902.0	5556.1	0.0	0.0	1799.0
07:33:15	03:56:08	1902.0	5556.1	0.0	0.0	1799.0

07:33:25	03:56:18	1896.0	5550.1	0.0	0.0	1799.0
07:33:35	03:56:28	1900.0	5554.1	0.0	0.0	1799.0
07:33:45	03:56:38	1898.0	5552.1	0.0	0.0	1799.0
07:33:55	03:56:48	1898.0	5552.1	0.0	0.0	1799.0
07:34:05	03:56:58	1884.0	5538.1	0.0	0.0	1799.0
07:34:15	03:57:08	1886.0	5540.1	0.0	0.0	1799.0

07:34:25	03:57:18	1886.0	5540.1	0.0	0.0	1799.0
07:34:35	03:57:28	1874.0	5528.1	0.0	0.0	1799.0
07:34:45	03:57:38	1878.0	5532.1	0.0	0.0	1799.0
07:34:55	03:57:48	1870.0	5524.1	0.0	0.0	1799.0
07:35:05	03:57:58	1868.0	5522.1	0.0	0.0	1799.0
07:35:15	03:58:08	1862.0	5516.1	0.0	0.0	1799.0

07:35:25	03:58:18	1866.0	5520.1	0.0	0.0	1799.0
07:35:35	03:58:28	1858.0	5512.1	0.0	0.0	1799.0
07:35:45	03:58:38	1860.0	5514.1	0.0	0.0	1799.0
07:35:55	03:58:48	1854.0	5508.1	0.0	0.0	1799.0
07:36:05	03:58:58	1850.0	5504.1	0.0	0.0	1799.0
07:36:15	03:59:08	1846.0	5500.1	0.0	0.0	1799.0

07:36:25	03:59:18	1848.0	5502.1	0.0	0.0	1799.0
07:36:35	03:59:28	1840.0	5494.1	0.0	0.0	1799.0
07:36:45	03:59:38	1840.0	5494.1	0.0	0.0	1799.0
07:36:55	03:59:48	1830.0	5484.1	0.0	0.0	1799.0
07:37:05	03:59:58	1828.0	5482.1	0.0	0.0	1799.0
07:37:15	04:00:08	1824.0	5478.1	0.0	0.0	1799.0

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MERIDIAN OIL INC.

SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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07:37:25	04:00:18	1826.0	5480.1	0.0	0.0	1799.0
07:37:35	04:00:28	1820.0	5474.1	0.0	0.0	1799.0
07:37:45	04:00:38	1820.0	5474.1	0.0	0.0	1799.0
07:37:55	04:00:48	1818.0	5472.1	0.0	0.0	1799.0
07:38:05	04:00:58	1814.0	5468.1	0.0	0.0	1799.0
07:38:15	04:01:08	1810.0	5464.1	0.0	0.0	1799.0

07:38:25	04:01:18	1808.0	5462.1	0.0	0.0	1799.0
07:38:35	04:01:28	1802.0	5456.1	0.0	0.0	1799.0
07:38:45	04:01:38	1802.0	5456.1	0.0	0.0	1799.0
07:38:55	04:01:48	1800.0	5454.1	0.0	0.0	1799.0
07:39:05	04:01:58	1796.0	5450.1	0.0	0.0	1799.0
07:39:15	04:02:08	1796.0	5450.1	0.0	0.0	1799.0

07:39:25	04:02:18	1790.0	5444.1	0.0	0.0	1799.0
07:39:35	04:02:28	1792.0	5446.1	0.0	0.0	1799.0
07:39:45	04:02:38	1790.0	5444.1	0.0	0.0	1799.0
07:39:55	04:02:48	1788.0	5442.1	0.0	0.0	1799.0
07:40:05	04:02:58	1790.0	5444.1	0.0	0.0	1799.0
07:40:15	04:03:08	1784.0	5438.1	0.0	0.0	1799.0

07:40:25	04:03:18	1780.0	5434.1	0.0	0.0	1799.0
07:40:35	04:03:28	1778.0	5432.1	0.0	0.0	1799.0
07:40:45	04:03:38	1778.0	5432.1	0.0	0.0	1799.0
07:40:55	04:03:48	1776.0	5430.1	0.0	0.0	1799.0
07:41:05	04:03:58	1770.0	5424.1	0.0	0.0	1799.0
07:41:15	04:04:08	1770.0	5424.1	0.0	0.0	1799.0

07:41:25	04:04:18	1766.0	5420.1	0.0	0.0	1799.0
07:41:35	04:04:28	1766.0	5420.1	0.0	0.0	1799.0
07:41:45	04:04:38	1762.0	5416.1	0.0	0.0	1799.0
07:41:55	04:04:48	1760.0	5414.1	0.0	0.0	1799.0
07:42:05	04:04:58	1756.0	5410.1	0.0	0.0	1799.0
07:42:15	04:05:08	1758.0	5412.1	0.0	0.0	1799.0

07:42:25	04:05:18	1754.0	5408.1	0.0	0.0	1799.0
07:42:35	04:05:28	1750.0	5404.1	0.0	0.0	1799.0
07:42:45	04:05:38	1750.0	5404.1	0.0	0.0	1799.0
07:42:55	04:05:48	1744.0	5398.1	0.0	0.0	1799.0
07:43:05	04:05:58	1744.0	5398.1	0.0	0.0	1799.0
07:43:15	04:06:08	1740.0	5394.1	0.0	0.0	1799.0

07:43:25	04:06:18	1740.0	5394.1	0.0	0.0	1799.0
07:43:35	04:06:28	1738.0	5392.1	0.0	0.0	1799.0
07:43:45	04:06:38	1738.0	5392.1	0.0	0.0	1799.0
07:43:55	04:06:48	1732.0	5386.1	0.0	0.0	1799.0
07:44:05	04:06:58	1736.0	5390.1	0.0	0.0	1799.0
07:44:15	04:07:08	1728.0	5382.1	0.0	0.0	1799.0

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SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME JOBTIME SURFACE CALCULA TOTAL R INSTANT TEMPERA

07:44:25	04:07:18	1728.0	5382.1	0.0	0.0	1799.0
07:44:35	04:07:28	1724.0	5378.1	0.0	0.0	1799.0
07:44:45	04:07:38	1726.0	5380.1	0.0	0.0	1799.0
07:44:55	04:07:48	1720.0	5374.1	0.0	0.0	1799.0
07:45:05	04:07:58	1710.0	5364.1	0.0	0.0	1799.0
07:45:15	04:08:08	1714.0	5368.1	0.0	0.0	1799.0

07:45:25	04:08:18	1708.0	5362.1	0.0	0.0	1799.0
07:45:35	04:08:28	1706.0	5360.1	0.0	0.0	1799.0
07:45:45	04:08:38	1700.0	5354.1	0.0	0.0	1799.0
07:45:55	04:08:48	1700.0	5354.1	0.0	0.0	1799.0
07:46:05	04:08:58	1698.0	5352.1	0.0	0.0	1799.0
07:46:15	04:09:08	1694.0	5348.1	0.0	0.0	1799.0

07:46:25	04:09:18	1698.0	5352.1	0.0	0.0	1799.0
07:46:35	04:09:28	1692.0	5346.1	0.0	0.0	1799.0
07:46:45	04:09:38	1690.0	5344.1	0.0	0.0	1799.0
07:46:55	04:09:48	1690.0	5344.1	0.0	0.0	1799.0
07:47:05	04:09:58	1690.0	5344.1	0.0	0.0	1799.0
07:47:15	04:10:08	1688.0	5342.1	0.0	0.0	1799.0

07:47:25	04:10:18	1686.0	5340.1	0.0	0.0	1799.0
07:47:35	04:10:28	1686.0	5340.1	0.0	0.0	1799.0
07:47:45	04:10:38	1680.0	5334.1	0.0	0.0	1799.0
07:47:55	04:10:48	1680.0	5334.1	0.0	0.0	1799.0
07:48:05	04:10:58	1682.0	5336.1	0.0	0.0	1799.0
07:48:15	04:11:08	1676.0	5330.1	0.0	0.0	1799.0

07:48:25	04:11:18	1674.0	5328.1	0.0	0.0	1799.0
07:48:35	04:11:28	1674.0	5328.1	0.0	0.0	1799.0
07:48:45	04:11:38	1670.0	5324.1	0.0	0.0	1799.0
07:48:55	04:11:48	1670.0	5324.1	0.0	0.0	1799.0
07:49:05	04:11:58	1666.0	5320.1	0.0	0.0	1799.0
07:49:15	04:12:08	1666.0	5320.1	0.0	0.0	1799.0

07:49:25	04:12:18	1664.0	5318.1	0.0	0.0	1799.0
07:49:35	04:12:28	1664.0	5318.1	0.0	0.0	1799.0
07:49:45	04:12:38	1662.0	5316.1	0.0	0.0	1799.0
07:49:55	04:12:48	1660.0	5314.1	0.0	0.0	1799.0
07:50:05	04:12:58	1658.0	5312.1	0.0	0.0	1799.0
07:50:15	04:13:08	1654.0	5308.1	0.0	0.0	1799.0

07:50:25	04:13:18	1650.0	5304.1	0.0	0.0	1799.0
07:50:35	04:13:28	1658.0	5312.1	0.0	0.0	1799.0
07:50:45	04:13:38	1650.0	5304.1	0.0	0.0	1799.0
07:50:55	04:13:48	1650.0	5304.1	0.0	0.0	1799.0
07:51:05	04:13:58	1644.0	5298.1	0.0	0.0	1799.0
07:51:15	04:14:08	1644.0	5298.1	0.0	0.0	1799.0

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SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
07:51:25	04:14:18	1638.0	5292.1	0.0	0.0	1799.0
07:51:35	04:14:28	1642.0	5296.1	0.0	0.0	1799.0
07:51:45	04:14:38	1636.0	5290.1	0.0	0.0	1799.0
07:51:55	04:14:48	1638.0	5292.1	0.0	0.0	1799.0
07:52:05	04:14:58	1640.0	5294.1	0.0	0.0	1799.0
07:52:15	04:15:08	1632.0	5286.1	0.0	0.0	1799.0
07:52:25	04:15:18	1632.0	5286.1	0.0	0.0	1799.0
07:52:35	04:15:28	1628.0	5282.1	0.0	0.0	1799.0
07:52:45	04:15:38	1630.0	5284.1	0.0	0.0	1799.0
07:52:55	04:15:48	1628.0	5282.1	0.0	0.0	1799.0
07:53:05	04:15:58	1626.0	5280.1	0.0	0.0	1799.0
07:53:15	04:16:08	1626.0	5280.1	0.0	0.0	1799.0
07:53:25	04:16:18	1626.0	5280.1	0.0	0.0	1799.0
07:53:35	04:16:28	1620.0	5274.1	0.0	0.0	1799.0
07:53:45	04:16:38	1618.0	5272.1	0.0	0.0	1799.0
07:53:55	04:16:48	1614.0	5268.1	0.0	0.0	1799.0
07:54:05	04:16:58	1618.0	5272.1	0.0	0.0	1799.0
07:54:15	04:17:08	1616.0	5270.1	0.0	0.0	1799.0
07:54:25	04:17:18	1612.0	5266.1	0.0	0.0	1799.0
07:54:35	04:17:28	1610.0	5264.1	0.0	0.0	1799.0
07:54:45	04:17:38	1608.0	5262.1	0.0	0.0	1799.0
07:54:55	04:17:48	1608.0	5262.1	0.0	0.0	1799.0
07:55:05	04:17:58	1604.0	5258.1	0.0	0.0	1799.0
07:55:15	04:18:08	1604.0	5258.1	0.0	0.0	1799.0
07:55:25	04:18:18	1602.0	5256.1	0.0	0.0	1799.0
07:55:35	04:18:28	1598.0	5252.1	0.0	0.0	1799.0
07:55:45	04:18:38	1600.0	5254.1	0.0	0.0	1799.0
07:55:55	04:18:48	1598.0	5252.1	0.0	0.0	1799.0
07:56:05	04:18:58	1590.0	5244.1	0.0	0.0	1799.0
07:56:15	04:19:08	1592.0	5246.1	0.0	0.0	1799.0
07:56:25	04:19:18	1592.0	5246.1	0.0	0.0	1799.0
07:56:35	04:19:28	1586.0	5240.1	0.0	0.0	1799.0
07:56:45	04:19:38	1590.0	5244.1	0.0	0.0	1799.0
07:56:55	04:19:48	1584.0	5238.1	0.0	0.0	1799.0
07:57:05	04:19:58	1582.0	5236.1	0.0	0.0	1799.0
07:57:15	04:20:08	1580.0	5234.1	0.0	0.0	1799.0
07:57:25	04:20:18	1580.0	5234.1	0.0	0.0	1799.0
07:57:35	04:20:28	1580.0	5234.1	0.0	0.0	1799.0
07:57:45	04:20:38	1576.0	5230.1	0.0	0.0	1799.0
07:57:55	04:20:48	1574.0	5228.1	0.0	0.0	1799.0
07:58:05	04:20:58	1580.0	5234.1	0.0	0.0	1799.0
07:58:15	04:21:08	1576.0	5230.1	0.0	0.0	1799.0

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SAN JUAN 30_6 SWD #2 STEP RATE TEST #3

CLOCKTIME	JOBTIME	SURFACE	CALCULA	TOTAL R	INSTANT	TEMPERA
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07:58:25	04:21:18	1570.0	5224.1	0.0	0.0	1799.0
07:58:35	04:21:28	1572.0	5226.1	0.0	0.0	1799.0
07:58:45	04:21:38	1568.0	5222.1	0.0	0.0	1799.0
07:58:55	04:21:48	1570.0	5224.1	0.0	0.0	1799.0
07:59:05	04:21:58	1568.0	5222.1	0.0	0.0	1799.0
07:59:15	04:22:08	1564.0	5218.1	0.0	0.0	1799.0