DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
10/7/07		WJJ		IPI-288	pWVJ0731331292

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **OPERATOR/Applicant** Name: Rosetta Resources OGRD: _____
(If one well) Lease/Well Name: Tsah Tah SWD # 11
Well API No. 30-045- 34082

[2] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☑ IPI ☐ EOR ☐ PPR

[3] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM
U.S. Bureau of Land Management

[E] ☐ Notification and/or Concurrent Approval by SLO
Commissioner of Public Lands, State Land Office

[F] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[G] ☐ Waivers are Attached

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name	Signature	Title	Date
		e-mail Address	

EXHIBIT #2

ROSETTA RESOURCES

TSAH TAH SWD #11

SECTION 11, T24N., R10W

STEP RATE INJECTION TEST

10/16/07

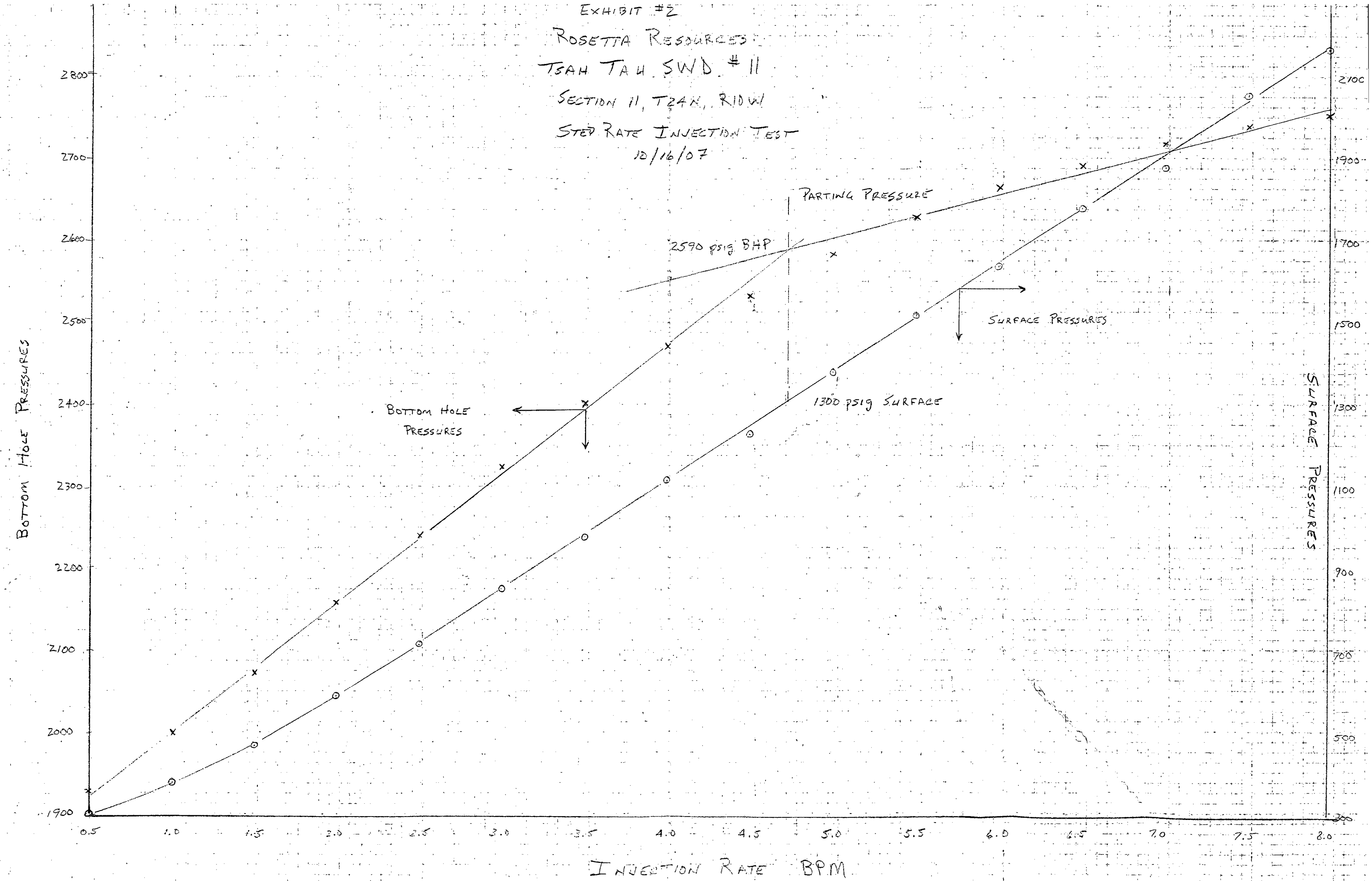
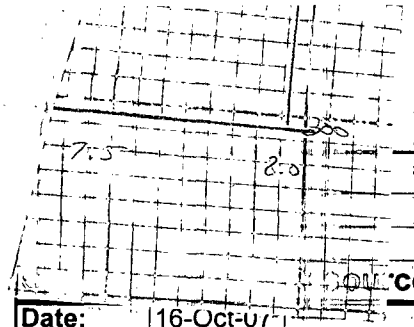


Exhibit #1



STEP RATE TEST

Date:	16-Oct-07			**Report #:**	1			
Field:	Mesa Verde		**Location:**	11/24N/10W	**County:**	San Juan	**State:**	
Contractor:		Halliburton		**Supervisor:**		Paul Thompson		

Rate BPM	Average Surface Pressure	Average BHP
0.5	304	1927
1.0	378	2000
1.5	473	2074
2.0	594	2159
2.5	716	2242
3.0	853	2325
3.5	978	2402
4.0	1117	2472
4.5	1230	2533
5.0	1384	2586
5.5	1523	2631
6.0	1646	2664
6.5	1783	2692
7.0	1881	2719
7.5	2058	2739
8.0	2173	2754
ISIP	1080	

EXHIBIT #3

BHP DATA

EVENT SUMMARY

COMPANY : ROSETTA RESOURCES, INC.

WELL NAME : TSAH TAH SWD NO. 11

WELL LOCATION : SAN JUAN COUNTY, NM

PAGE : B1

DATE : 10/18/07

FILE REF: F227A18.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Key Event	Pressure Psig		Temp Deg F
10/16	08:31:00	13.0000	PRESSURED UP LUBRICATOR	203.66		49.52
10/16	08:32:30	14.5000	R.I.H. W/TANDEM ELEC. MEMORY INST.	244.51		49.87
10/16	08:52:00	34.0000	TANDEM GAUGES @ 3267'	1885.34		88.53
10/16	09:31:00	73.0000	BEGIN STAGE #1	1892.20		101.05
10/16	09:33:30	75.5000	RATE TOO HIGH	1912.59		101.03
10/16	09:45:00	87.0000	RESTART STAGE #1	1897.31	.5	100.95
10/16	10:01:30	103.5000	END STAGE #1,	1957.40		97.83
10/16	10:02:15	104.2500	BEGIN STAGE #2, 1.0 BPM	1970.66	1	97.43
10/16	10:16:30	118.5000	END STAGE #2, 1.0 BPM	2029.25		92.67
10/16	10:17:00	119.0000	BEGIN STAGE #3, 1.5 BPM	2039.24	1.5	92.71
10/16	10:31:30	133.5000	END STAGE #3, 1.5 BPM	2109.42		89.54
10/16	10:32:15	134.2500	BEGIN STAGE #4, 2.0 BPM	2122.45	2.	89.15
10/16	10:46:30	148.5000	END STAGE #4, 2.0 BPM	2194.63		80.13
10/16	10:47:15	149.2500	BEGIN STAGE #5, 2.5 BPM	2207.25	2.5	79.71
10/16	11:01:30	163.5000	END STAGE #5, 2.5 BPM	2277.61		73.27
10/16	11:02:15	164.2500	BEGIN STAGE #6, 3.0 BPM	2290.25	3	73.03
10/16	11:16:30	178.5000	END STAGE #6, 3.0 BPM	2359.13		69.75
10/16	11:17:15	179.2500	BEGIN STAGE #7, 3.5 BPM	2370.30	3.5	69.64
10/16	11:31:30	193.5000	END STAGE #7, 3.5 BPM	2433.59		68.32
10/16	11:32:15	194.2500	BEGIN STAGE #8, 4.0 BPM	2443.14	4	68.29
10/16	11:46:30	208.5000	END STAGE #8, 4.0 BPM	2500.70		67.70
10/16	11:47:15	209.2500	BEGIN STAGE #9, 4.5 BPM	2509.29	4.5	67.69
10/16	12:01:30	223.5000	END STAGE #9, 4.5 BPM	2556.07		67.39
10/16	12:02:15	224.2500	BEGIN STAGE #10, 5.0 BPM	2563.06	5	67.39
10/16	12:16:30	238.5000	END STAGE #10, 5.0 BPM	2608.47		66.49
10/16	12:17:15	239.2500	BEGIN STAGE #11, 5.5 BPM	2615.17	5.5	66.35
10/16	12:31:30	253.5000	END STAGE #11, 5.5 BPM	2646.23		65.30
10/16	12:32:15	254.2500	BEGIN STAGE #12, 6.0 BPM	2652.47	6	65.31
10/16	12:46:30	268.5000	END STAGE #12, 6.0 BPM	2676.06		65.79
10/16	12:47:15	269.2500	BEGIN STAGE #13, 6.5 BPM	2680.82	6.5	65.82
10/16	13:01:30	283.5000	END STAGE #13, 6.5 BPM	2702.77		66.50
10/16	13:02:15	284.2500	BEGIN STAGE #14, 7.0 BPM	2706.39	7	66.54
10/16	13:17:00	299.0000	END STAGE #14, 7.0 BPM	2731.28		66.30
10/16	13:17:45	299.7500	BEGIN STAGE #15, 7.5 BPM	2732.88	7.5	66.29
10/16	13:31:15	313.2500	END STAGE #15, 7.5 BPM	2745.32		67.33
10/16	13:32:00	314.0000	BEGIN STAGE #16, 8.0 BPM	2748.40	8	67.40
10/16	13:46:00	328.0000	END STAGE #16, 8.0 BPM SHUT DOWN	2760.17		68.71
10/16	13:51:15	333.2500	SHUT DOWN, 5 MIN	2648.91		69.19
10/16	13:56:30	338.5000	SHUT DOWN, 10 MIN	2609.94		70.07
10/16	14:01:00	343.0000	SHUT DOWN, 15 MIN	2582.63		71.68
10/16	14:04:30	346.5000	INST. OFF BOTTOM	2554.07		75.50

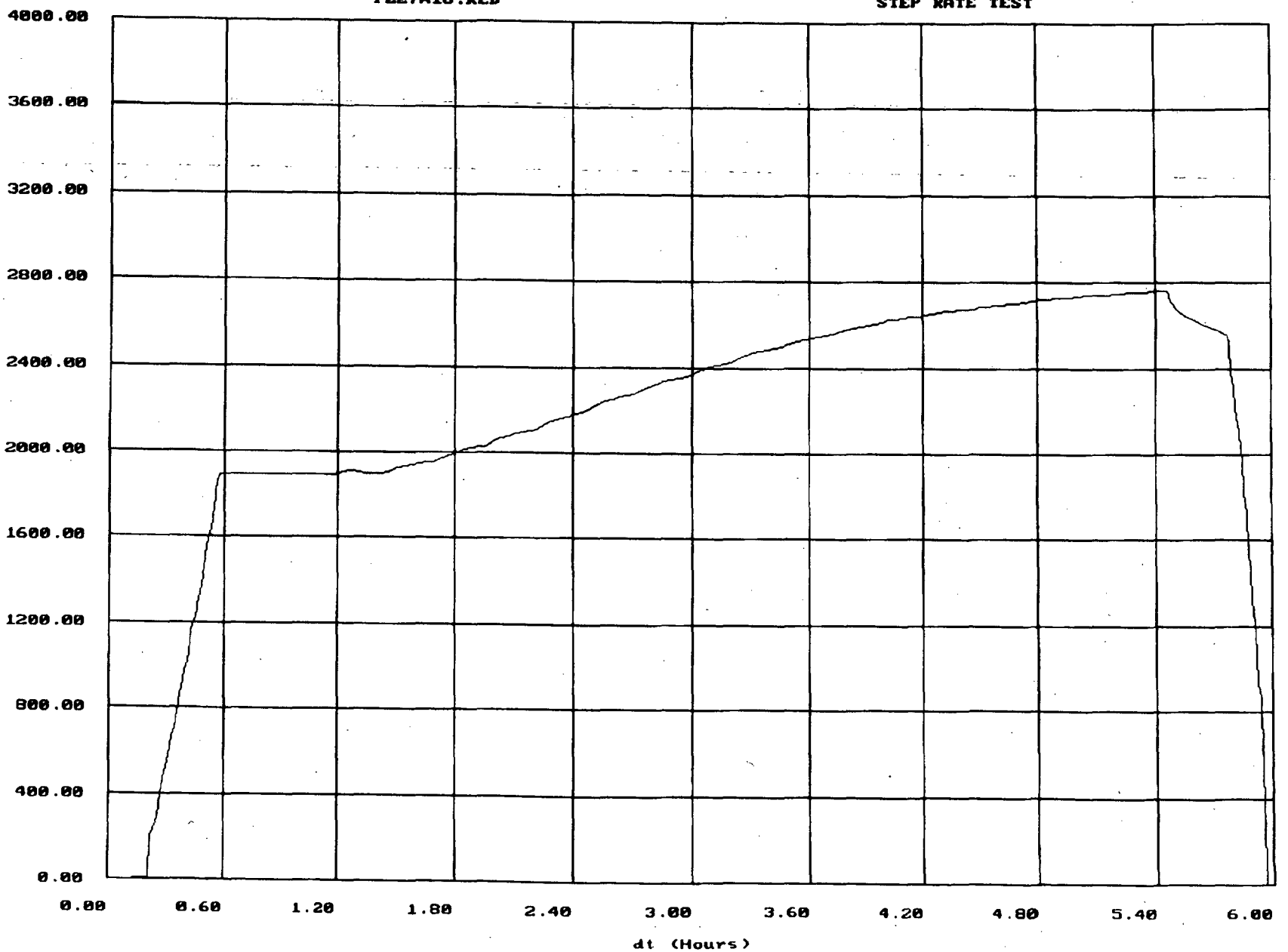
1927.4 < 1897.31 / 1957.40
2000.0 < 1970.66 / 2029.25
2074.3 < 2039.24 / 2109.42
2158.5 < 2122.45 / 2194.63
2242.4 < 2207.25 / 2277.61
2324.7 < 2290.25 / 2359.13
2491.9 < 2370.30 / 2433.59
2471.9 < 2443.14 / 2500.70
2532.7 < 2509.29 / 2556.07
2585.8 < 2563.06 / 2608.47
2638.7 < 2615.17 / 2646.23
2664.3 < 2652.47 / 2676.06
2691.8 < 2680.82 / 2702.77
2718.8 < 2706.39 / 2731.28
2739.1 < 2732.88 / 2745.32
2754.3 < 2748.40 / 2760.17

ROSETTA RESOURCES, INC

Pressure vs dt

TSAH TAH SWD NO. 11
SAN JUAN COUNTY, NM
F227A18.RED

TEFTELLER, INC.
10/16/07
STEP RATE TEST



File Reference F227A18.RED

Customer	ROSETTA RESOURCES, INC.
Street	c/o 7415 E. MAIN
City/State	FARMINGTON, NM 87402
Country	USA
Service Company	TEFTELLER, INC.
Well Name	TSAH TAH SWD NO. 11
Well Location	SAN JUAN COUNTY, NM
Field / Pool	
Status (Oil, Gas, Other)	WATER DISPOSAL WELL
Test Type	STEP RATE TEST
Date of Test	10-16-07
Producing Interval	3253' - 4310' KB
Recorder Depth	3267'
Recorder Position	3267'
Shut In Date Start:	10-16-2007
Stop:	10-16-2007
Duration:	6 HRS. TANDEM ELEC. MEMORY INST. TIME
Bottom Hole Temperature	

Gauge Identification

Gauge Manufacturer	MICRO-SMART SYSTEMS
Serial Number	227
Model Number	SP2000
Pressure Range	
Battery Type	
Calibration I.D.	
Last Calibration	12/11/ 6

Gauge Setup Parameters

Probe Set Up Time	10/16/ 7 8:18: 0
Time Delay to First Reading	
Test Type Selection	STEP RATE TEST
Test Duration Selection	6 HRS. TANDEM ELEC. MEMORY INST. TIME

COMPANY: ROSETTA RESOURCES, INC.

DATE : 10/18/07

WELL NAME : TSAH TAH SWD NO. 11

FILE REF: F227A18.RED

WELL LOCATION : SAN JUAN COUNTY, NM

Date MM/DD	Time hh:mm:ss	Test Time mmmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
10/16	08:18:00	.0000	.01	49.47		
10/16	08:20:15	2.2500	.01	49.47	.00	
10/16	08:30:30	12.5000	4.71	49.40	4.70	
10/16	08:30:45	12.7500	17.83	49.47	13.12	
10/16	08:31:00	13.0000	203.66	49.52	185.83	PRESSURED UP LUBRICATOR
10/16	08:31:15	13.2500	232.02	49.58	28.36	
10/16	08:32:00	14.0000	234.08	49.75	2.06	
10/16	08:32:30	14.5000	244.51	49.87	10.43	R.I.H. W/TANDEM ELEC. MEMORY INST.
10/16	08:32:45	14.7500	264.46	49.93	19.96	
10/16	08:33:00	15.0000	291.40	49.99	26.94	
10/16	08:33:15	15.2500	319.80	50.17	28.40	
10/16	08:33:30	15.5000	350.68	50.51	30.88	
10/16	08:33:45	15.7500	378.14	50.86	27.46	
10/16	08:34:00	16.0000	395.35	51.21	17.21	
10/16	08:34:15	16.2500	411.84	51.56	16.49	
10/16	08:34:30	16.5000	430.75	51.90	18.91	
10/16	08:34:45	16.7500	447.53	52.26	16.78	
10/16	08:35:00	17.0000	464.02	52.61	16.49	
10/16	08:35:15	17.2500	479.65	52.96	15.63	
10/16	08:35:30	17.5000	495.14	53.30	15.49	
10/16	08:35:45	17.7500	511.20	53.65	16.06	
10/16	08:36:00	18.0000	527.83	54.00	16.63	
10/16	08:36:15	18.2500	544.63	54.45	16.80	
10/16	08:36:30	18.5000	562.15	54.91	17.52	
10/16	08:36:45	18.7500	579.95	55.38	17.80	
10/16	08:37:00	19.0000	599.17	55.84	19.22	
10/16	08:37:15	19.2500	620.38	56.31	21.22	
10/16	08:37:30	19.5000	643.44	56.77	23.06	
10/16	08:37:45	19.7500	664.94	57.24	21.49	
10/16	08:38:00	20.0000	686.00	57.70	21.06	
10/16	08:38:15	20.2500	706.49	58.17	20.49	
10/16	08:38:30	20.5000	726.13	58.64	19.64	
10/16	08:38:45	20.7500	746.05	59.10	19.92	
10/16	08:39:00	21.0000	765.83	59.57	19.78	
10/16	08:39:15	21.2500	786.75	60.06	20.92	
10/16	08:39:30	21.5000	806.38	60.56	19.64	
10/16	08:39:45	21.7500	825.59	61.07	19.21	
10/16	08:40:00	22.0000	844.09	61.58	18.49	
10/16	08:40:15	22.2500	860.45	62.08	16.36	
10/16	08:40:30	22.5000	877.38	62.59	16.93	
10/16	08:40:45	22.7500	896.72	63.10	19.34	
10/16	08:41:00	23.0000	918.05	63.60	21.33	
10/16	08:41:15	23.2500	938.53	64.11	20.48	
10/16	08:41:30	23.5000	958.72	64.62	20.19	
10/16	08:41:45	23.7500	977.48	65.13	18.76	
10/16	08:42:00	24.0000	996.66	65.63	19.19	
10/16	08:42:15	24.2500	1017.71	66.19	21.05	
10/16	08:42:30	24.5000	1040.05	66.80	22.33	
10/16	08:42:45	24.7500	1063.37	67.42	23.33	
10/16	08:43:00	25.0000	1087.26	68.03	23.89	
10/16	08:43:15	25.2500	1110.30	68.65	23.03	
10/16	08:43:30	25.5000	1134.61	69.27	24.31	
10/16	08:43:45	25.7500	1162.32	69.89	27.72	
10/16	08:44:00	26.0000	1179.95	70.51	17.62	
10/16	08:44:30	26.5000	1187.19	71.75	7.24	
10/16	08:44:45	26.7500	1203.38	72.37	16.19	
10/16	08:45:00	27.0000	1210.05	72.98	6.67	
10/16	08:45:15	27.2500	1225.53	73.62	15.48	
10/16	08:45:30	27.5000	1251.94	74.24	26.41	
10/16	08:45:45	27.7500	1284.17	74.86	32.23	
10/16	08:46:00	28.0000	1314.54	75.48	30.37	
10/16	08:46:15	28.2500	1343.34	76.10	28.81	
10/16	08:46:30	28.5000	1365.76	76.72	22.41	
10/16	08:46:45	28.7500	1380.64	77.34	14.88	
10/16	08:47:00	29.0000	1402.90	77.97	22.26	

COMPANY: ROSETTA RESOURCES, INC.

DATE : 10/18/07

WELL NAME : TSAH TAH SWD NO. 11

FILE REF: F227A18.RED

WELL LOCATION : SAN JUAN COUNTY, NM

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
10/16	08:47:15	29.2500	1421.18	78.59	18.28	
10/16	08:47:30	29.5000	1435.49	79.21	14.30	
10/16	08:47:45	29.7500	1452.91	79.84	17.42	
10/16	08:48:00	30.0000	1478.13	80.45	25.22	
10/16	08:48:15	30.2500	1505.19	81.06	27.06	
10/16	08:48:30	30.5000	1534.08	81.60	28.89	
10/16	08:48:45	30.7500	1552.32	82.15	18.24	
10/16	08:49:00	31.0000	1567.02	82.70	14.70	
10/16	08:49:15	31.2500	1586.81	83.24	19.80	
10/16	08:49:30	31.5000	1601.93	83.79	15.11	
10/16	08:49:45	31.7500	1613.64	84.34	11.71	
10/16	08:50:00	32.0000	1634.70	84.89	21.06	
10/16	08:50:15	32.2500	1655.33	85.44	20.63	
10/16	08:50:30	32.5000	1682.34	85.99	27.01	
10/16	08:50:45	32.7500	1712.89	86.54	30.55	
10/16	08:51:00	33.0000	1746.84	87.08	33.95	
10/16	08:51:15	33.2500	1782.32	87.44	35.48	
10/16	08:51:30	33.5000	1818.51	87.80	36.19	
10/16	08:51:45	33.7500	1856.39	88.16	37.88	
10/16	08:52:00	34.0000	1885.34	88.53	28.95	TANDEM GAUGES @ 3267'
10/16	08:52:45	34.7500	1889.32	89.61	3.97	
10/16	08:53:30	35.5000	1889.38	90.67	.06	
10/16	08:54:15	36.2500	1889.44	91.82	.07	
10/16	08:55:00	37.0000	1889.50	92.82	.06	
10/16	08:55:45	37.7500	1889.55	93.84	.05	
10/16	08:56:30	38.5000	1889.60	94.82	.05	
10/16	08:57:15	39.2500	1889.71	95.84	.11	
10/16	08:58:00	40.0000	1889.85	96.45	.13	
10/16	08:58:45	40.7500	1890.01	97.06	.16	
10/16	08:59:30	41.5000	1890.18	97.68	.18	
10/16	09:01:00	43.0000	1890.74	98.63	.56	
10/16	09:02:00	44.0000	1890.86	99.00	.12	
10/16	09:03:00	45.0000	1891.11	99.36	.25	
10/16	09:04:00	46.0000	1891.30	99.73	.19	
10/16	09:05:00	47.0000	1891.35	99.98	.05	
10/16	09:06:00	48.0000	1891.43	100.14	.08	
10/16	09:07:00	49.0000	1891.53	100.30	.10	
10/16	09:08:00	50.0000	1891.62	100.46	.09	
10/16	09:09:00	51.0000	1891.69	100.56	.07	
10/16	09:10:00	52.0000	1891.75	100.63	.06	
10/16	09:11:00	53.0000	1891.82	100.70	.06	
10/16	09:12:00	54.0000	1891.86	100.77	.05	
10/16	09:13:00	55.0000	1891.89	100.83	.03	
10/16	09:14:00	56.0000	1891.93	100.85	.04	
10/16	09:15:00	57.0000	1891.95	100.89	.03	
10/16	09:16:00	58.0000	1891.98	100.92	.03	
10/16	09:17:00	59.0000	1892.01	100.94	.03	
10/16	09:18:00	60.0000	1890.81	100.97	-1.20	
10/16	09:19:00	61.0000	1891.42	100.98	.61	
10/16	09:20:00	62.0000	1891.60	101.00	.18	
10/16	09:21:00	63.0000	1891.76	101.00	.16	
10/16	09:22:00	64.0000	1891.86	101.01	.11	
10/16	09:23:00	65.0000	1892.02	101.02	.16	
10/16	09:24:00	66.0000	1891.90	101.04	-.12	
10/16	09:25:00	67.0000	1891.92	101.04	.02	
10/16	09:26:00	68.0000	1891.95	101.04	.03	
10/16	09:27:00	69.0000	1892.06	101.04	.11	
10/16	09:28:00	70.0000	1892.11	101.05	.05	
10/16	09:29:00	71.0000	1892.12	101.04	.01	
10/16	09:30:00	72.0000	1892.16	101.05	.04	
10/16	09:31:00	73.0000	1892.20	101.05	.04	BEGIN STAGE #1
10/16	09:32:00	74.0000	1904.82	101.06	12.62	
10/16	09:32:30	74.5000	1915.85	101.05	11.03	
10/16	09:32:45	74.7500	1919.66	101.04	3.82	
10/16	09:33:30	75.5000	1912.59	101.03	-7.07	RATE TOO HIGH

COMPANY: ROSETTA RESOURCES, INC.

DATE : 10/18/07

WELL NAME : TSAH TAH SWD NO. 11

FILE REF: F227A18.RED

WELL LOCATION : SAN JUAN COUNTY, NM

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
10/16	09:34:15	76.2500	1910.61	101.01	-1.98	
10/16	09:35:00	77.0000	1906.41	101.00	-4.20	
10/16	09:35:45	77.7500	1904.01	100.98	-2.40	
10/16	09:36:30	78.5000	1902.54	100.95	-1.47	
10/16	09:37:15	79.2500	1901.31	100.92	-1.23	
10/16	09:38:00	80.0000	1900.73	100.90	-.58	
10/16	09:38:45	80.7500	1900.06	100.89	-.67	
10/16	09:39:30	81.5000	1899.52	100.89	-.53	
10/16	09:40:15	82.2500	1899.07	100.88	-.45	
10/16	09:41:00	83.0000	1898.75	100.88	-.32	
10/16	09:41:45	83.7500	1898.51	100.90	-.24	
10/16	09:42:30	84.5000	1898.21	100.90	-.30	
10/16	09:43:15	85.2500	1897.95	100.92	-.26	
10/16	09:44:00	86.0000	1897.69	100.92	-.27	
10/16	09:45:00	87.0000	1897.31	100.95	-.38	RESTART STAGE #1
10/16	09:46:00	88.0000	1906.37	100.96	9.06	
10/16	09:46:15	88.2500	1914.85	100.96	8.48	
10/16	09:46:30	88.5000	1920.22	100.95	5.37	
10/16	09:47:15	89.2500	1919.66	100.94	-.57	
10/16	09:48:00	90.0000	1923.78	100.93	4.13	
10/16	09:48:45	90.7500	1926.68	100.92	2.89	
10/16	09:49:30	91.5000	1929.13	100.88	2.45	
10/16	09:50:15	92.2500	1932.52	100.80	3.39	
10/16	09:51:00	93.0000	1934.07	100.72	1.56	
10/16	09:51:45	93.7500	1936.33	100.64	2.26	
10/16	09:52:30	94.5000	1938.84	100.56	2.51	
10/16	09:53:15	95.2500	1940.23	100.46	1.39	
10/16	09:54:00	96.0000	1942.48	100.38	2.25	
10/16	09:54:45	96.7500	1944.10	100.29	1.62	
10/16	09:55:30	97.5000	1945.57	100.16	1.47	
10/16	09:56:15	98.2500	1947.33	99.96	1.76	
10/16	09:57:00	99.0000	1948.88	99.76	1.54	
10/16	09:57:45	99.7500	1950.56	99.57	1.69	
10/16	09:58:30	100.5000	1952.30	99.28	1.74	
10/16	09:59:15	101.2500	1953.30	98.93	.99	
10/16	10:00:00	102.0000	1955.11	98.57	1.81	
10/16	10:00:45	102.7500	1956.22	98.21	1.11	
10/16	10:01:30	103.5000	1957.40	97.83	1.18	END STAGE #1,
10/16	10:02:15	104.2500	1970.66	97.43	13.26	BEGIN STAGE #2, 1.0 BPM
10/16	10:03:00	105.0000	1978.99	97.04	8.33	
10/16	10:03:45	105.7500	1984.20	96.64	5.22	
10/16	10:04:30	106.5000	1988.43	96.24	4.22	
10/16	10:05:15	107.2500	1991.26	95.83	2.83	
10/16	10:06:00	108.0000	1995.92	95.43	4.66	
10/16	10:06:45	108.7500	2000.26	95.03	4.33	
10/16	10:07:30	109.5000	2003.49	94.65	3.24	
10/16	10:08:15	110.2500	2006.57	94.31	3.07	
10/16	10:09:00	111.0000	2010.26	93.96	3.69	
10/16	10:09:45	111.7500	2013.64	93.61	3.38	
10/16	10:10:30	112.5000	2015.45	93.34	1.81	
10/16	10:11:15	113.2500	2019.71	93.15	4.26	
10/16	10:12:00	114.0000	2020.90	92.96	1.19	
10/16	10:12:45	114.7500	2020.91	92.78	.01	
10/16	10:13:30	115.5000	2023.91	92.67	3.00	
10/16	10:14:15	116.2500	2025.28	92.67	1.38	
10/16	10:15:00	117.0000	2025.77	92.65	.48	
10/16	10:15:45	117.7500	2028.34	92.65	2.57	
10/16	10:16:30	118.5000	2029.25	92.67	.91	END STAGE #2, 1.0 BPM
10/16	10:17:00	119.0000	2039.24	92.71	9.98	BEGIN STAGE #3, 1.5 BPM
10/16	10:17:15	119.2500	2044.34	92.73	5.10	
10/16	10:18:00	120.0000	2051.43	92.78	7.09	
10/16	10:18:45	120.7500	2055.19	92.84	3.77	
10/16	10:19:30	121.5000	2062.34	92.87	7.14	
10/16	10:20:15	122.2500	2064.89	92.86	2.55	
10/16	10:21:00	123.0000	2070.97	92.85	6.08	

COMPANY: ROSETTA RESOURCES, INC.

DATE : 10/18/07

WELL NAME : TSAH TAH SWD NO. 11

FILE REF: F227A18.RED

WELL LOCATION : SAN JUAN COUNTY, NM

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
10/16	10:21:45	123.7500	2074.50	92.85	3.53	
10/16	10:22:30	124.5000	2077.13	92.77	2.63	
10/16	10:23:15	125.2500	2079.47	92.63	2.34	
10/16	10:24:00	126.0000	2084.43	92.47	4.95	
10/16	10:24:45	126.7500	2087.40	92.33	2.97	
10/16	10:25:30	127.5000	2089.37	92.11	1.98	
10/16	10:26:15	128.2500	2091.22	91.84	1.85	
10/16	10:27:00	129.0000	2097.57	91.57	6.35	
10/16	10:27:45	129.7500	2100.40	91.29	2.82	
10/16	10:28:30	130.5000	2100.81	90.97	.41	
10/16	10:29:15	131.2500	2103.69	90.62	2.87	
10/16	10:30:00	132.0000	2104.65	90.27	.96	
10/16	10:30:45	132.7500	2106.56	89.91	1.91	
10/16	10:31:30	133.5000	2109.42	89.54	2.86	END STAGE #3, 1.5 BPM
10/16	10:32:15	134.2500	2122.45	89.15	13.03	BEGIN STAGE #4, 2.0 BPM
10/16	10:33:00	135.0000	2129.53	88.75	7.08	
10/16	10:33:45	135.7500	2135.76	88.36	6.23	
10/16	10:34:30	136.5000	2140.71	87.91	4.95	
10/16	10:35:15	137.2500	2145.80	87.42	5.09	
10/16	10:36:00	138.0000	2149.37	86.92	3.57	
10/16	10:36:45	138.7500	2154.86	86.42	5.49	
10/16	10:37:30	139.5000	2157.98	85.90	3.13	
10/16	10:38:15	140.2500	2161.82	85.38	3.84	
10/16	10:39:00	141.0000	2165.20	84.86	3.38	
10/16	10:39:45	141.7500	2168.57	84.33	3.38	
10/16	10:40:30	142.5000	2171.07	83.83	2.50	
10/16	10:41:15	143.2500	2175.36	83.34	4.29	
10/16	10:42:00	144.0000	2177.57	82.84	2.20	
10/16	10:42:45	144.7500	2180.82	82.36	3.26	
10/16	10:43:30	145.5000	2183.78	81.89	2.96	
10/16	10:44:15	146.2500	2186.13	81.45	2.35	
10/16	10:45:00	147.0000	2189.80	81.00	3.67	
10/16	10:45:45	147.7500	2191.93	80.55	2.13	
10/16	10:46:30	148.5000	2194.63	80.13	2.70	END STAGE #4, 2.0 BPM
10/16	10:47:15	149.2500	2207.25	79.71	12.62	BEGIN STAGE #5, 2.5 BPM
10/16	10:48:00	150.0000	2215.35	79.29	8.09	
10/16	10:48:45	150.7500	2221.03	78.88	5.68	
10/16	10:49:30	151.5000	2226.71	78.47	5.68	
10/16	10:50:15	152.2500	2230.97	78.08	4.26	
10/16	10:51:00	153.0000	2235.79	77.68	4.83	
10/16	10:51:45	153.7500	2239.77	77.29	3.98	
10/16	10:52:30	154.5000	2243.64	76.92	3.87	
10/16	10:53:15	155.2500	2247.54	76.58	3.90	
10/16	10:54:00	156.0000	2250.57	76.23	3.03	
10/16	10:54:45	156.7500	2252.86	75.89	2.29	
10/16	10:55:30	157.5000	2256.00	75.57	3.14	
10/16	10:56:15	158.2500	2259.41	75.26	3.40	
10/16	10:57:00	159.0000	2262.32	74.96	2.92	
10/16	10:57:45	159.7500	2265.15	74.65	2.83	
10/16	10:58:30	160.5000	2267.65	74.36	2.50	
10/16	10:59:15	161.2500	2270.70	74.08	3.05	
10/16	11:00:00	162.0000	2273.35	73.81	2.64	
10/16	11:00:45	162.7500	2275.33	73.53	1.98	
10/16	11:01:30	163.5000	2277.61	73.27	2.28	END STAGE #5, 2.5 BPM
10/16	11:02:15	164.2500	2290.25	73.03	12.63	BEGIN STAGE #6, 3.0 BPM
10/16	11:03:00	165.0000	2296.94	72.79	6.69	
10/16	11:03:45	165.7500	2302.35	72.56	5.41	
10/16	11:04:30	166.5000	2307.04	72.33	4.70	
10/16	11:05:15	167.2500	2311.60	72.13	4.56	
10/16	11:06:00	168.0000	2316.16	71.92	4.56	
10/16	11:06:45	168.7500	2320.15	71.71	3.99	
10/16	11:07:30	169.5000	2324.56	71.51	4.42	
10/16	11:08:15	170.2500	2328.55	71.34	3.99	
10/16	11:09:00	171.0000	2332.82	71.17	4.27	
10/16	11:09:45	171.7500	2336.18	71.00	3.36	

COMPANY: ROSETTA RESOURCES, INC.

DATE : 10/18/07

WELL NAME : TSAH TAH SWD NO. 11

FILE REF: F227A18.RED

WELL LOCATION : SAN JUAN COUNTY, NM

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
10/16	11:10:30	172.5000	2338.05	70.84	1.87	
10/16	11:11:15	173.2500	2341.26	70.69	3.21	
10/16	11:12:00	174.0000	2344.24	70.53	2.98	
10/16	11:12:45	174.7500	2346.73	70.39	2.49	
10/16	11:13:30	175.5000	2349.52	70.24	2.78	
10/16	11:14:15	176.2500	2352.30	70.11	2.78	
10/16	11:15:00	177.0000	2354.92	69.99	2.62	
10/16	11:15:45	177.7500	2356.79	69.86	1.86	
10/16	11:16:30	178.5000	2359.13	69.75	2.35	END STAGE #6, 3.0 BPM
10/16	11:17:15	179.2500	2370.30	69.64	11.16	BEGIN STAGE #7, 3.5 BPM
10/16	11:18:00	180.0000	2376.00	69.54	5.70	
10/16	11:18:45	180.7500	2380.27	69.44	4.28	
10/16	11:19:30	181.5000	2383.87	69.34	3.60	
10/16	11:20:15	182.2500	2388.40	69.26	4.53	
10/16	11:21:00	183.0000	2391.96	69.17	3.56	
10/16	11:21:45	183.7500	2394.84	69.09	2.89	
10/16	11:22:30	184.5000	2399.09	69.00	4.24	
10/16	11:23:15	185.2500	2401.90	68.94	2.81	
10/16	11:24:00	186.0000	2405.17	68.87	3.28	
10/16	11:24:45	186.7500	2408.17	68.80	2.99	
10/16	11:25:30	187.5000	2410.94	68.73	2.78	
10/16	11:26:15	188.2500	2413.87	68.67	2.93	
10/16	11:27:00	189.0000	2416.72	68.62	2.85	
10/16	11:27:45	189.7500	2419.56	68.56	2.84	
10/16	11:28:30	190.5000	2422.14	68.50	2.57	
10/16	11:29:15	191.2500	2424.63	68.45	2.49	
10/16	11:30:00	192.0000	2427.12	68.41	2.49	
10/16	11:30:45	192.7500	2429.76	68.37	2.64	
10/16	11:31:30	193.5000	2433.59	68.32	3.82	END STAGE #7, 3.5 BPM
10/16	11:32:15	194.2500	2443.14	68.29	9.55	BEGIN STAGE #8, 4.0 BPM
10/16	11:33:00	195.0000	2448.84	68.24	5.70	
10/16	11:33:45	195.7500	2453.26	68.20	4.42	
10/16	11:34:30	196.5000	2457.39	68.17	4.13	
10/16	11:35:15	197.2500	2460.56	68.13	3.17	
10/16	11:36:00	198.0000	2464.27	68.09	3.71	
10/16	11:36:45	198.7500	2468.37	68.05	4.10	
10/16	11:37:30	199.5000	2470.97	68.01	2.60	
10/16	11:38:15	200.2500	2474.32	67.97	3.35	
10/16	11:39:00	201.0000	2476.59	67.93	2.27	
10/16	11:39:45	201.7500	2479.38	67.89	2.78	
10/16	11:40:30	202.5000	2482.23	67.86	2.85	
10/16	11:41:15	203.2500	2484.80	67.83	2.57	
10/16	11:42:00	204.0000	2487.30	67.81	2.50	
10/16	11:42:45	204.7500	2489.79	67.78	2.49	
10/16	11:43:30	205.5000	2491.85	67.77	2.06	
10/16	11:44:15	206.2500	2493.99	67.75	2.14	
10/16	11:45:00	207.0000	2496.27	67.74	2.28	
10/16	11:45:45	207.7500	2498.55	67.71	2.28	
10/16	11:46:30	208.5000	2500.70	67.70	2.15	END STAGE #8, 4.0 BPM
10/16	11:47:15	209.2500	2509.29	67.69	8.59	BEGIN STAGE #9, 4.5 BPM
10/16	11:48:00	210.0000	2513.04	67.68	3.74	
10/16	11:48:45	210.7500	2517.56	67.67	4.53	
10/16	11:49:30	211.5000	2520.17	67.65	2.60	
10/16	11:50:15	212.2500	2523.15	67.64	2.99	
10/16	11:51:00	213.0000	2526.15	67.63	3.00	
10/16	11:51:45	213.7500	2526.26	67.62	.11	
10/16	11:52:30	214.5000	2530.07	67.61	3.81	
10/16	11:53:15	215.2500	2532.71	67.58	2.63	
10/16	11:54:00	216.0000	2535.56	67.57	2.85	
10/16	11:54:45	216.7500	2537.94	67.54	2.38	
10/16	11:55:30	217.5000	2539.55	67.52	1.61	
10/16	11:56:15	218.2500	2542.23	67.50	2.68	
10/16	11:57:00	219.0000	2543.03	67.48	.81	
10/16	11:57:45	219.7500	2544.47	67.46	1.44	
10/16	11:58:30	220.5000	2546.61	67.44	2.14	

COMPANY: ROSETTA RESOURCES, INC.

DATE : 10/18/07

WELL NAME : TSAH TAH SWD NO. 11

FILE REF: F227A18.RED

WELL LOCATION : SAN JUAN COUNTY, NM

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
10/16	11:59:15	221.2500	2548.96	67.42	2.35	
10/16	12:00:00	222.0000	2550.31	67.42	1.35	
10/16	12:00:45	222.7500	2552.18	67.40	1.87	
10/16	12:01:30	223.5000	2556.07	67.39	3.89	END STAGE #9, 4.5 BPM
10/16	12:02:15	224.2500	2563.06	67.39	6.99	BEGIN STAGE #10, 5.0 BPM
10/16	12:03:00	225.0000	2565.65	67.39	2.59	
10/16	12:03:45	225.7500	2569.22	67.39	3.57	
10/16	12:04:30	226.5000	2571.70	67.39	2.48	
10/16	12:05:15	227.2500	2574.07	67.39	2.36	
10/16	12:06:00	228.0000	2577.12	67.39	3.05	
10/16	12:06:45	228.7500	2580.88	67.39	3.76	
10/16	12:07:30	229.5000	2583.62	67.40	2.74	
10/16	12:08:15	230.2500	2586.68	67.40	3.06	
10/16	12:09:00	231.0000	2589.47	67.41	2.78	
10/16	12:09:45	231.7500	2592.67	67.41	3.20	
10/16	12:10:30	232.5000	2594.16	67.39	1.48	
10/16	12:11:15	233.2500	2596.52	67.35	2.36	
10/16	12:12:00	234.0000	2598.51	67.30	1.99	
10/16	12:12:45	234.7500	2600.44	67.25	1.93	
10/16	12:13:30	235.5000	2602.15	67.14	1.71	
10/16	12:14:15	236.2500	2603.96	66.97	1.81	
10/16	12:15:00	237.0000	2605.89	66.81	1.93	
10/16	12:15:45	237.7500	2607.25	66.65	1.36	
10/16	12:16:30	238.5000	2608.47	66.49	1.22	END STAGE #10, 5.0 BPM
10/16	12:17:15	239.2500	2615.17	66.35	6.70	BEGIN STAGE #11, 5.5 BPM
10/16	12:18:00	240.0000	2618.13	66.21	2.96	
10/16	12:18:45	240.7500	2620.84	66.07	2.71	
10/16	12:19:30	241.5000	2623.34	65.96	2.50	
10/16	12:20:15	242.2500	2625.63	65.88	2.29	
10/16	12:21:00	243.0000	2627.21	65.79	1.58	
10/16	12:21:45	243.7500	2629.14	65.71	1.93	
10/16	12:22:30	244.5000	2630.92	65.65	1.78	
10/16	12:23:15	245.2500	2632.63	65.58	1.71	
10/16	12:24:00	246.0000	2634.65	65.52	2.02	
10/16	12:24:45	246.7500	2635.00	65.46	.35	
10/16	12:25:30	247.5000	2637.21	65.42	2.21	
10/16	12:26:15	248.2500	2637.64	65.38	.43	
10/16	12:27:00	249.0000	2639.14	65.36	1.50	
10/16	12:27:45	249.7500	2640.14	65.32	1.01	
10/16	12:28:30	250.5000	2641.60	65.30	1.45	
10/16	12:29:15	251.2500	2642.79	65.30	1.19	
10/16	12:30:00	252.0000	2643.85	65.30	1.07	
10/16	12:30:45	252.7500	2644.77	65.30	.92	
10/16	12:31:30	253.5000	2646.23	65.30	1.46	END STAGE #11, 5.5 BPM
10/16	12:32:15	254.2500	2652.47	65.31	6.24	BEGIN STAGE #12, 6.0 BPM
10/16	12:33:00	255.0000	2654.84	65.33	2.36	
10/16	12:33:45	255.7500	2656.83	65.35	2.00	
10/16	12:34:30	256.5000	2657.45	65.36	.61	
10/16	12:35:15	257.2500	2657.49	65.38	.04	
10/16	12:36:00	258.0000	2657.83	65.40	.34	
10/16	12:36:45	258.7500	2661.83	65.42	4.00	
10/16	12:37:30	259.5000	2663.61	65.43	1.78	
10/16	12:38:15	260.2500	2665.18	65.45	1.57	
10/16	12:39:00	261.0000	2666.89	65.48	1.71	
10/16	12:39:45	261.7500	2668.08	65.50	1.20	
10/16	12:40:30	262.5000	2669.69	65.53	1.60	
10/16	12:41:15	263.2500	2670.15	65.57	.47	
10/16	12:42:00	264.0000	2670.37	65.59	.22	
10/16	12:42:45	264.7500	2671.43	65.63	1.06	
10/16	12:43:30	265.5000	2671.96	65.65	.52	
10/16	12:44:15	266.2500	2672.44	65.69	.49	
10/16	12:45:00	267.0000	2673.64	65.72	1.20	
10/16	12:45:45	267.7500	2674.85	65.75	1.21	
10/16	12:46:30	268.5000	2676.06	65.79	1.21	END STAGE #12, 6.0 BPM
10/16	12:47:15	269.2500	2680.82	65.82	4.76	BEGIN STAGE #13, 6.5 BPM

COMPANY: ROSETTA RESOURCES, INC.

DATE : 10/18/07

WELL NAME : TSAH TAH SWD NO. 11

FILE REF: F227A18.RED

WELL LOCATION : SAN JUAN COUNTY, NM

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
10/16	12:48:00	270.0000	2683.44	65.85	2.62	
10/16	12:48:45	270.7500	2684.33	65.88	.89	
10/16	12:49:30	271.5000	2686.04	65.90	1.71	
10/16	12:50:15	272.2500	2687.46	65.93	1.42	
10/16	12:51:00	273.0000	2689.17	65.96	1.71	
10/16	12:51:45	273.7500	2690.81	65.99	1.64	
10/16	12:52:30	274.5000	2692.44	66.03	1.63	
10/16	12:53:15	275.2500	2693.47	66.07	1.03	
10/16	12:54:00	276.0000	2694.66	66.10	1.19	
10/16	12:54:45	276.7500	2695.42	66.14	.76	
10/16	12:55:30	277.5000	2696.43	66.18	1.01	
10/16	12:56:15	278.2500	2697.08	66.22	.65	
10/16	12:57:00	279.0000	2698.16	66.26	1.08	
10/16	12:57:45	279.7500	2698.72	66.30	.56	
10/16	12:58:30	280.5000	2699.12	66.34	.40	
10/16	12:59:15	281.2500	2700.07	66.39	.95	
10/16	13:00:00	282.0000	2700.96	66.43	.89	
10/16	13:00:45	282.7500	2701.48	66.47	.52	
10/16	13:01:30	283.5000	2702.77	66.50	1.29	END STAGE #13, 6.5 BPM
10/16	13:02:15	284.2500	2706.39	66.54	3.62	BEGIN STAGE #14, 7.0 BPM
10/16	13:03:00	285.0000	2707.94	66.58	1.55	
10/16	13:03:45	285.7500	2709.67	66.62	1.73	
10/16	13:04:30	286.5000	2711.86	66.66	2.20	
10/16	13:05:15	287.2500	2713.65	66.70	1.79	
10/16	13:06:00	288.0000	2715.50	66.75	1.85	
10/16	13:06:45	288.7500	2717.57	66.79	2.07	
10/16	13:07:30	289.5000	2717.98	66.85	.41	
10/16	13:08:15	290.2500	2719.27	66.89	1.29	
10/16	13:09:00	291.0000	2720.34	66.94	1.07	
10/16	13:09:45	291.7500	2721.63	66.99	1.29	
10/16	13:10:30	292.5000	2724.97	66.97	3.35	
10/16	13:11:15	293.2500	2727.11	66.87	2.14	
10/16	13:12:00	294.0000	2725.96	66.79	-1.16	
10/16	13:12:45	294.7500	2725.19	66.69	-.76	
10/16	13:13:30	295.5000	2725.20	66.60	.00	
10/16	13:14:15	296.2500	2725.44	66.52	.24	
10/16	13:15:00	297.0000	2725.78	66.44	.34	
10/16	13:15:45	297.7500	2726.03	66.36	.25	
10/16	13:17:00	299.0000	2731.28	66.30	5.25	END STAGE #14, 7.0 BPM
10/16	13:17:45	299.7500	2732.88	66.29	1.60	BEGIN STAGE #15, 7.5 BPM
10/16	13:18:30	300.5000	2735.01	66.29	2.13	
10/16	13:19:15	301.2500	2736.43	66.29	1.42	
10/16	13:20:00	302.0000	2737.44	66.29	1.01	
10/16	13:20:45	302.7500	2737.92	66.31	.48	
10/16	13:21:30	303.5000	2738.57	66.35	.65	
10/16	13:22:15	304.2500	2739.04	66.39	.47	
10/16	13:23:00	305.0000	2739.84	66.43	.80	
10/16	13:23:45	305.7500	2740.61	66.51	.77	
10/16	13:24:30	306.5000	2741.58	66.59	.97	
10/16	13:25:15	307.2500	2742.53	66.67	.95	
10/16	13:26:00	308.0000	2743.52	66.74	.99	
10/16	13:26:45	308.7500	2744.36	66.84	.84	
10/16	13:27:30	309.5000	2742.92	66.92	-1.44	
10/16	13:28:15	310.2500	2742.99	67.00	.07	
10/16	13:29:00	311.0000	2743.65	67.09	.66	
10/16	13:29:45	311.7500	2744.63	67.17	.98	
10/16	13:30:30	312.5000	2744.79	67.25	.17	
10/16	13:31:15	313.2500	2745.32	67.33	.53	END STAGE #15, 7.5 BPM
10/16	13:32:00	314.0000	2748.40	67.40	3.07	BEGIN STAGE #16, 8.0 BPM
10/16	13:32:45	314.7500	2750.91	67.47	2.51	
10/16	13:33:30	315.5000	2751.84	67.54	.93	
10/16	13:34:15	316.2500	2752.37	67.61	.53	
10/16	13:35:00	317.0000	2753.14	67.67	.77	
10/16	13:35:45	317.7500	2754.55	67.74	1.42	
10/16	13:36:30	318.5000	2755.66	67.81	1.11	

COMPANY: ROSETTA RESOURCES, INC.

WELL NAME : TSAH TAH SWD NO. 11

DATE : 10/18/07

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227A18.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
10/16	13:37:15	319.2500	2756.11	67.88	.45	
10/16	13:38:00	320.0000	2756.65	67.95	.54	
10/16	13:38:45	320.7500	2756.73	68.03	.08	
10/16	13:39:30	321.5000	2757.37	68.11	.65	
10/16	13:40:15	322.2500	2757.71	68.19	.34	
10/16	13:41:00	323.0000	2757.73	68.27	.02	
10/16	13:42:00	324.0000	2757.74	68.37	.01	
10/16	13:43:00	325.0000	2759.61	68.46	1.88	
10/16	13:44:00	326.0000	2759.53	68.55	-.08	
10/16	13:45:00	327.0000	2759.96	68.64	.43	
10/16	13:46:00	328.0000	2760.17	68.71	.21	END STAGE #16. 8.0 BPM SHUT DOWN
10/16	13:47:00	329.0000	2715.81	68.78	-44.36	
10/16	13:47:15	329.2500	2707.11	68.79	-8.70	
10/16	13:47:30	329.5000	2699.55	68.81	-7.56	
10/16	13:48:00	330.0000	2688.71	68.86	-10.84	
10/16	13:48:15	330.2500	2684.29	68.88	-4.42	
10/16	13:49:00	331.0000	2673.16	68.94	-11.13	
10/16	13:49:45	331.7500	2663.89	69.00	-9.27	
10/16	13:50:30	332.5000	2656.04	69.09	-7.85	
10/16	13:51:15	333.2500	2648.91	69.19	-7.14	SHUT DOWN, 5 MIN
10/16	13:52:00	334.0000	2642.49	69.29	-6.42	
10/16	13:52:45	334.7500	2636.35	69.39	-6.14	
10/16	13:53:30	335.5000	2630.64	69.50	-5.71	
10/16	13:54:15	336.2500	2625.22	69.64	-5.43	
10/16	13:55:00	337.0000	2619.79	69.78	-5.43	
10/16	13:55:45	337.7500	2614.79	69.92	-5.00	
10/16	13:56:30	338.5000	2609.94	70.07	-4.86	SHUT DOWN, 10 MIN
10/16	13:57:15	339.2500	2605.08	70.24	-4.86	
10/16	13:58:00	340.0000	2600.51	70.41	-4.57	
10/16	13:58:45	340.7500	2595.80	70.58	-4.71	
10/16	13:59:30	341.5000	2591.36	70.85	-4.43	
10/16	14:00:15	342.2500	2586.92	71.27	-4.44	
10/16	14:01:00	343.0000	2582.63	71.68	-4.30	SHUT DOWN, 15 MIN
10/16	14:01:45	343.7500	2578.33	72.09	-4.30	
10/16	14:02:30	344.5000	2573.87	72.80	-4.46	
10/16	14:03:15	345.2500	2569.68	73.82	-4.19	
10/16	14:04:00	346.0000	2565.36	74.83	-4.33	
10/16	14:04:30	346.5000	2554.07	75.50	-11.28	INST. OFF BOTTOM
10/16	14:04:45	346.7500	2542.24	75.85	-11.83	
10/16	14:05:00	347.0000	2512.06	76.18	-30.19	
10/16	14:05:15	347.2500	2468.64	76.56	-43.41	
10/16	14:05:30	347.5000	2423.82	76.58	-44.82	
10/16	14:05:45	347.7500	2386.69	76.60	-37.13	
10/16	14:06:00	348.0000	2354.26	76.61	-32.43	
10/16	14:06:15	348.2500	2315.57	76.63	-38.69	
10/16	14:06:30	348.5000	2282.57	76.65	-33.00	
10/16	14:06:45	348.7500	2250.15	76.67	-32.43	
10/16	14:07:00	349.0000	2213.60	76.69	-36.55	
10/16	14:07:15	349.2500	2177.48	76.71	-36.12	
10/16	14:07:30	349.5000	2153.31	76.72	-24.17	
10/16	14:07:45	349.7500	2140.66	76.74	-12.65	
10/16	14:08:00	350.0000	2123.88	76.76	-16.78	
10/16	14:08:15	350.2500	2104.25	76.63	-19.63	
10/16	14:08:30	350.5000	2072.54	76.45	-31.71	
10/16	14:08:45	350.7500	2027.18	76.28	-45.36	
10/16	14:09:00	351.0000	1978.27	76.10	-48.91	
10/16	14:09:15	351.2500	1926.37	75.93	-51.90	
10/16	14:09:30	351.5000	1880.02	75.75	-46.35	
10/16	14:09:45	351.7500	1833.10	75.58	-46.92	
10/16	14:10:00	352.0000	1774.24	75.40	-58.86	
10/16	14:10:15	352.2500	1720.64	75.23	-53.60	
10/16	14:10:30	352.5000	1666.90	75.05	-53.74	
10/16	14:10:45	352.7500	1607.63	74.88	-59.28	
10/16	14:11:00	353.0000	1544.94	74.71	-62.69	
10/16	14:11:15	353.2500	1482.96	74.49	-61.98	

WELL NAME : TSAH TAH SWD NO. 11 DATE : 10/18/07

WELL LOCATION : SAN JUAN COUNTY, NM FILE REF: F227A18.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
10/16	14:11:30	353.5000	1417.70	74.20	-65.26	
10/16	14:11:45	353.7500	1362.81	73.92	-54.89	
10/16	14:12:00	354.0000	1317.30	73.64	-45.51	
10/16	14:12:15	354.2500	1270.79	73.35	-46.51	
10/16	14:12:30	354.5000	1212.34	73.07	-58.44	
10/16	14:12:45	354.7500	1149.35	72.79	-62.99	
10/16	14:13:00	355.0000	1086.51	72.52	-62.85	
10/16	14:13:15	355.2500	1025.93	72.23	-60.58	
10/16	14:13:30	355.5000	978.84	71.95	-47.09	
10/16	14:13:45	355.7500	938.71	71.67	-40.13	
10/16	14:14:00	356.0000	904.12	71.39	-34.59	
10/16	14:14:15	356.2500	876.62	71.07	-27.50	
10/16	14:14:30	356.5000	863.36	70.89	-13.26	
10/16	14:14:45	356.7500	855.07	70.71	-8.29	
10/16	14:15:30	357.5000	849.79	70.15	-5.28	
10/16	14:15:45	357.7500	37.44	69.97	-812.35	
10/16	14:16:00	358.0000	.01	69.79	-37.43	

EXHIBIT #4
SURFACE PRESSURE DATA

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
09:30:22	Event	Starting Job			
09:30:22	Treatment 1	Treatment Interval 1			
09:30:40	247	1654	0.0	0	0
09:31:00	247	1654	0.0	0	0
09:31:19	Stage 1	Step Rate Test			
09:31:20	247	1654	0.0	0	0
09:31:40	285	1629	0.8	9	6
09:32:00	289	1641	0.8	21	5
09:32:20	292	1643	0.8	31	6
09:32:40	297	1651	0.8	42	6
09:33:00	276	1684	0.0	47	0
09:33:20	290	1656	0.7	48	5
09:33:32	Event	HAD HIGH RATE TO START WITH. STARTED WITH .80 BPM. STARTING RATE IS			
09:33:40	279	1688	0.0	53	0
09:34:00	270	1678	0.0	53	0
09:34:20	264	1673	0.0	53	0
09:34:40	261	1670	0.0	53	0
09:35:00	259	1668	0.0	53	0
09:35:20	259	1667	0.0	53	0
09:35:40	257	1666	0.0	53	0
09:36:00	257	1665	0.0	53	0
09:36:20	256	1664	0.0	53	0
09:36:40	255	1664	0.0	53	0
09:37:00	255	1663	0.0	53	0
09:37:20	255	1663	0.0	53	0
09:37:40	255	1663	0.0	53	0
09:38:00	255	1663	0.0	53	0
09:38:20	253	1662	0.0	53	0
09:38:40	253	1662	0.0	53	0
09:39:00	253	1662	0.0	53	0
09:39:20	253	1662	0.0	53	0
09:39:40	253	1662	0.0	53	0
09:40:00	253	1662	0.0	53	0
09:40:20	253	1661	0.0	53	0
09:40:40	253	1661	0.0	53	0
09:41:00	253	1661	0.0	53	0
09:41:20	252	1660	0.0	53	0
09:41:40	252	1661	0.0	53	0
09:42:00	252	1660	0.0	53	0
09:42:20	251	1660	0.0	53	0
09:42:40	251	1660	0.0	53	0
09:43:00	251	1660	0.0	53	0
09:43:20	251	1660	0.0	53	0
09:43:40	251	1660	0.0	53	0
09:44:00	251	1660	0.0	53	0
09:44:20	251	1660	0.0	53	0
09:44:40	251	1660	0.0	53	0
09:45:00	251	1660	0.0	53	0
09:45:20	251	1660	0.0	53	0

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
09:45:40	285	1628	0.8	58	6
09:46:00	293	1635	0.8	70	6
09:46:10	Event	HAD A SOLUTON TO BRING RATE TO .50 BPM. GOT BACK IN TO IT.			
09:46:20	297	1640	0.8	82	6
09:46:40	281	1690	0.1	90	1
09:47:00	281	1675	0.4	94	3
09:47:20	285	1671	0.5	101	3
09:47:40	288	1674	0.5	107	3
09:48:00	288	1675	0.5	114	3
09:48:20	292	1678	0.5	121	4
09:48:40	292	1678	0.5	128	4
09:49:00	293	1679	0.5	135	4
09:49:20	295	1681	0.5	142	4
09:49:40	297	1683	0.5	149	4
09:50:00	298	1685	0.5	156	4
09:50:20	298	1685	0.5	164	4
09:50:40	300	1687	0.5	171	4
09:51:00	300	1687	0.5	178	4
09:51:20	301	1688	0.5	185	4
09:51:40	302	1689	0.5	192	4
09:52:00	303	1691	0.5	199	4
09:52:20	304	1691	0.5	206	4
09:52:40	305	1692	0.5	213	4
09:53:00	306	1694	0.5	220	4
09:53:20	307	1694	0.5	227	4
09:53:40	307	1695	0.5	235	4
09:54:00	309	1697	0.5	242	4
09:54:20	309	1697	0.5	249	4
09:54:40	309	1698	0.5	256	4
09:55:00	310	1699	0.5	263	4
09:55:20	310	1699	0.5	270	4
09:55:40	311	1699	0.5	277	4
09:56:00	312	1701	0.5	285	4
09:56:20	313	1702	0.5	292	4
09:56:40	314	1703	0.5	299	4
09:57:00	315	1704	0.5	306	4
09:57:20	315	1705	0.5	313	4
09:57:40	316	1705	0.5	321	4
09:58:00	316	1706	0.5	328	4
09:58:20	317	1706	0.5	335	4
09:58:40	317	1706	0.5	342	4
09:59:00	318	1705	0.5	349	4
09:59:20	319	1701	0.5	357	4
09:59:40	320	1696	0.5	364	4
10:00:00	320	1690	0.5	371	4
10:00:20	321	1686	0.5	379	4
10:00:40	321	1681	0.5	386	4
10:01:00	321	1676	0.5	393	4
10:01:20	339	1644	0.9	402	7

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
10:01:40	347	1627	1.0	415	8
10:01:49	Stage 2	Step Rate Test			
10:02:00	353	1616	1.0	430	9
10:02:20	354	1607	1.0	444	9
10:02:40	356	1598	1.0	458	9
10:03:00	359	1591	1.0	472	9
10:03:20	361	1582	1.0	487	9
10:03:40	363	1573	1.0	501	9
10:04:00	365	1566	1.0	515	9
10:04:20	367	1557	1.0	530	9
10:04:40	368	1549	1.0	544	9
10:05:00	370	1541	1.0	558	9
10:05:20	371	1532	1.0	572	9
10:05:40	374	1523	1.0	586	9
10:06:00	376	1513	1.0	601	10
10:06:20	379	1503	1.0	615	10
10:06:40	380	1495	1.0	630	10
10:07:00	381	1484	1.1	645	10
10:07:20	382	1475	1.1	659	10
10:07:40	385	1467	1.1	674	10
10:08:00	385	1457	1.1	689	10
10:08:20	386	1427	1.1	704	10
10:08:40	389	1427	1.1	718	10
10:09:00	390	1428	1.1	733	10
10:09:20	394	1427	1.1	748	10
10:09:40	396	1428	1.1	764	11
10:10:00	396	1428	1.1	779	11
10:10:20	398	1427	1.1	795	11
10:10:40	401	1428	1.1	810	11
10:11:00	402	1427	1.1	826	11
10:11:20	401	1427	1.1	842	11
10:11:40	398	1427	1.0	856	10
10:12:00	398	1427	1.0	871	10
10:12:20	398	1427	1.0	885	10
10:12:40	400	1427	1.0	899	10
10:13:00	400	1427	1.0	914	10
10:13:20	400	1427	1.0	928	10
10:13:40	401	1427	1.0	942	10
10:14:00	404	1427	1.0	957	10
10:14:20	403	1427	1.0	971	10
10:14:40	403	1427	1.0	985	10
10:15:00	404	1427	1.0	1000	10
10:15:20	406	1427	1.0	1014	10
10:15:40	406	1427	1.0	1028	10
10:16:00	408	1427	1.0	1042	10
10:16:20	426	1427	1.4	1058	14
10:16:29	Stage 3	Step Rate Test			
10:16:40	443	1427	1.5	1079	16
10:17:00	447	1427	1.5	1100	16

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
10:17:20	450	1427	1.5	1120	16
10:17:40	457	1434	1.5	1141	17
10:18:00	457	1437	1.5	1162	17
10:18:20	461	1441	1.5	1183	17
10:18:40	464	1444	1.5	1204	17
10:19:00	464	1447	1.5	1225	17
10:19:20	466	1447	1.5	1246	17
10:19:40	469	1447	1.5	1267	17
10:20:00	471	1447	1.5	1288	18
10:20:20	471	1447	1.5	1310	18
10:20:40	479	1447	1.5	1331	18
10:21:00	484	1447	1.5	1352	18
10:21:20	479	1447	1.6	1374	18
10:21:40	492	1447	1.6	1396	19
10:22:00	480	1447	1.5	1417	17
10:22:20	483	1447	1.5	1438	18
10:22:40	484	1447	1.5	1459	18
10:23:00	483	1447	1.5	1480	18
10:23:20	484	1447	1.5	1500	18
10:23:40	488	1447	1.5	1521	18
10:24:00	489	1447	1.5	1542	18
10:24:20	490	1447	1.5	1563	18
10:24:40	494	1447	1.5	1584	18
10:25:00	492	1447	1.5	1605	18
10:25:20	494	1447	1.5	1627	18
10:25:40	497	1447	1.5	1648	19
10:26:00	495	1447	1.5	1669	19
10:26:20	499	1447	1.5	1691	19
10:26:40	499	1447	1.5	1712	19
10:27:00	504	1447	1.5	1734	19
10:27:20	509	1447	1.6	1756	19
10:27:40	500	1447	1.6	1778	19
10:28:00	513	1447	1.6	1799	20
10:28:20	507	1447	1.6	1821	19
10:28:40	504	1447	1.5	1843	18
10:29:00	503	1447	1.4	1863	18
10:29:20	504	1447	1.5	1884	18
10:29:40	506	1447	1.5	1905	18
10:30:00	508	1447	1.5	1925	19
10:30:20	509	1447	1.5	1946	19
10:30:40	510	1447	1.5	1967	19
10:31:00	510	1447	1.5	1988	19
10:31:20	534	1447	1.8	2010	23
10:31:34	Stage 4	Step Rate Test			
10:31:40	553	1447	2.0	2037	27
10:32:00	557	1447	2.0	2065	27
10:32:20	561	1447	2.0	2092	27
10:32:40	567	1447	2.0	2120	27
10:33:00	569	1447	2.0	2148	28

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
10:33:20	569	1447	2.0	2175	28
10:33:40	573	1447	2.0	2203	28
10:34:00	578	1447	2.0	2231	28
10:34:20	580	1447	2.0	2259	28
10:34:40	580	1447	2.0	2287	29
10:35:00	586	1447	2.0	2315	29
10:35:20	588	1447	2.0	2344	29
10:35:40	590	1447	2.0	2372	29
10:36:00	591	1447	2.0	2400	29
10:36:20	594	1447	2.0	2428	29
10:36:40	595	1447	2.0	2456	29
10:37:00	596	1447	2.0	2485	30
10:37:20	600	1447	2.0	2513	30
10:37:40	601	1447	2.1	2542	30
10:38:00	602	1447	2.0	2571	30
10:38:20	603	1447	2.1	2599	30
10:38:40	604	1447	2.0	2628	30
10:39:00	603	1447	2.0	2656	30
10:39:20	606	1447	2.0	2684	30
10:39:40	605	1447	2.0	2712	30
10:40:00	608	1447	2.0	2740	30
10:40:20	609	1447	2.0	2769	30
10:40:40	614	1447	2.0	2797	31
10:41:00	612	1447	2.0	2825	31
10:41:20	616	1447	2.0	2854	31
10:41:40	617	1447	2.0	2883	31
10:42:00	618	1447	2.1	2911	31
10:42:20	621	1447	2.1	2940	31
10:42:40	623	1447	2.1	2969	32
10:43:00	622	1447	2.0	2998	31
10:43:20	625	1447	2.0	3026	30
10:43:40	624	1447	2.0	3054	31
10:44:00	625	1447	1.9	3082	30
10:44:20	626	1447	2.0	3109	30
10:44:40	630	1447	2.0	3137	30
10:45:00	630	1447	2.0	3164	30
10:45:20	633	1447	2.0	3192	31
10:45:40	632	1447	2.0	3220	31
10:46:00	636	1447	2.0	3248	31
10:46:20	662	1447	2.3	3277	38
10:46:39 Stage 5		Step Rate Test			
10:46:40	683	1447	2.5	3311	41
10:47:00	688	1447	2.5	3345	42
10:47:20	695	1447	2.5	3380	42
10:47:40	696	1447	2.5	3415	42
10:48:00	701	1447	2.5	3449	43
10:48:20	702	1447	2.5	3484	43
10:48:40	705	1447	2.5	3519	43
10:49:00	708	1447	2.5	3554	44

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
10:49:20	710	1447	2.5	3589	44
10:49:40	711	1447	2.5	3624	44
10:50:00	715	1447	2.5	3660	44
10:50:20	718	1447	2.5	3695	45
10:50:40	718	1447	2.5	3731	45
10:51:00	721	1447	2.5	3767	45
10:51:20	724	1447	2.6	3802	45
10:51:40	727	1448	2.6	3838	46
10:52:00	728	1448	2.6	3874	46
10:52:20	731	1447	2.6	3910	46
10:52:40	733	1447	2.6	3946	46
10:53:00	731	1448	2.5	3981	45
10:53:20	728	1447	2.5	4017	45
10:53:40	729	1447	2.5	4052	45
10:54:00	731	1448	2.5	4087	45
10:54:20	735	1448	2.5	4122	45
10:54:40	736	1448	2.5	4157	45
10:55:00	737	1447	2.5	4192	45
10:55:20	738	1448	2.5	4228	46
10:55:40	740	1448	2.5	4263	46
10:56:00	741	1447	2.5	4298	46
10:56:20	744	1448	2.5	4334	46
10:56:40	745	1447	2.5	4370	46
10:57:00	744	1448	2.5	4405	46
10:57:20	745	1447	2.5	4440	46
10:57:40	746	1448	2.5	4475	46
10:58:00	748	1448	2.5	4511	46
10:58:20	749	1447	2.5	4546	46
10:58:40	750	1448	2.5	4582	47
10:59:00	752	1447	2.5	4617	47
10:59:20	754	1447	2.5	4653	47
10:59:40	754	1448	2.5	4688	47
11:00:00	753	1448	2.5	4724	46
11:00:20	752	1447	2.5	4759	46
11:00:40	756	1447	2.5	4794	47
11:01:00	756	1447	2.5	4829	47
11:01:20	813	1447	3.0	4867	59
11:01:21	Stage 6	Step Rate Test			
11:01:40	818	1448	3.0	4908	60
11:02:00	816	1447	3.0	4950	60
11:02:20	825	1448	3.0	4992	61
11:02:40	819	1447	3.0	5034	60
11:03:00	833	1447	3.0	5076	61
11:03:20	827	1447	3.0	5118	61
11:03:40	830	1447	3.0	5160	61
11:04:00	830	1447	3.0	5203	61
11:04:20	839	1447	3.0	5244	61
11:04:40	831	1448	3.0	5286	60
11:05:00	844	1447	3.0	5328	62

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
11:05:20	830	1447	3.0	5370	62
11:05:40	826	1447	3.0	5412	61
11:06:00	853	1448	3.0	5455	64
11:06:20	869	1448	3.0	5497	65
11:06:40	863	1447	3.1	5540	65
11:07:00	855	1447	3.1	5583	64
11:07:20	852	1466	3.1	5626	64
11:07:40	861	1476	3.1	5669	65
11:08:00	871	1484	3.1	5712	66
11:08:20	867	1478	3.1	5755	66
11:08:40	875	1486	3.1	5798	66
11:09:00	876	1486	3.1	5842	67
11:09:20	859	1476	3.0	5885	64
11:09:40	856	1477	3.0	5927	64
11:10:00	862	1481	3.0	5970	64
11:10:20	869	1488	3.0	6012	65
11:10:40	885	1503	3.0	6055	66
11:11:00	886	1504	3.0	6098	66
11:11:20	890	1508	3.0	6140	66
11:11:40	873	1492	3.0	6183	65
11:12:00	881	1501	3.0	6225	65
11:12:20	879	1499	3.0	6268	65
11:12:40	875	1495	3.0	6310	65
11:13:00	875	1495	3.0	6353	65
11:13:20	891	1509	3.0	6395	66
11:13:40	884	1502	3.0	6438	66
11:14:00	870	1486	3.1	6481	65
11:14:20	861	1478	3.0	6523	64
11:14:40	884	1505	3.0	6566	65
11:15:00	884	1506	3.0	6608	65
11:15:20	883	1505	3.0	6650	65
11:15:40	884	1506	3.0	6693	65
11:16:00	879	1501	3.0	6735	65
11:16:18	Stage 7	Step Rate Test			
11:16:20	937	1490	3.5	6780	79
11:16:40	946	1493	3.5	6829	80
11:17:00	950	1493	3.5	6878	81
11:17:20	952	1491	3.5	6926	81
11:17:40	959	1494	3.5	6975	82
11:18:00	958	1490	3.5	7023	81
11:18:20	959	1487	3.5	7072	82
11:18:40	959	1482	3.5	7121	82
11:19:00	961	1480	3.5	7169	82
11:19:20	963	1478	3.5	7218	82
11:19:40	965	1478	3.5	7266	82
11:20:00	966	1477	3.5	7315	82
11:20:20	967	1473	3.5	7363	82
11:20:40	969	1469	3.5	7412	82
11:21:00	969	1466	3.5	7460	82

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
11:21:20	970	1448	3.5	7509	83
11:21:40	972	1447	3.5	7557	83
11:22:00	979	1447	3.5	7606	84
11:22:20	983	1447	3.5	7654	84
11:22:40	979	1447	3.5	7703	84
11:23:00	987	1447	3.5	7752	84
11:23:20	983	1447	3.5	7801	84
11:23:40	987	1447	3.5	7850	84
11:24:00	986	1448	3.5	7899	84
11:24:20	989	1448	3.5	7947	84
11:24:40	990	1447	3.5	7996	84
11:25:00	993	1447	3.5	8045	85
11:25:20	991	1447	3.5	8093	85
11:25:40	992	1447	3.5	8142	85
11:26:00	996	1447	3.5	8191	85
11:26:20	1000	1447	3.4	8239	84
11:26:40	1001	1447	3.5	8288	86
11:27:00	1004	1448	3.5	8337	86
11:27:20	1003	1447	3.5	8386	86
11:27:40	1001	1447	3.5	8435	86
11:28:00	1004	1448	3.5	8484	86
11:28:20	1006	1448	3.5	8534	86
11:28:40	1006	1447	3.5	8583	86
11:29:00	1007	1447	3.5	8631	86
11:29:20	1011	1447	3.5	8680	87
11:29:40	1010	1447	3.5	8729	87
11:30:00	1010	1448	3.5	8779	87
11:30:20	1013	1447	3.5	8828	87
11:30:40	1013	1448	3.5	8877	87
11:31:00	1016	1447	3.5	8926	87
11:31:20	1061	1448	3.9	8978	102
11:31:27	Stage 8	Step Rate Test			
11:31:40	1088	1448	4.0	9034	107
11:32:00	1093	1448	4.0	9090	108
11:32:20	1093	1448	4.0	9147	108
11:32:40	1098	1448	4.0	9203	108
11:33:00	1099	1448	4.0	9260	108
11:33:20	1104	1448	4.0	9316	109
11:33:40	1102	1448	4.0	9372	108
11:34:00	1106	1448	4.0	9429	109
11:34:20	1105	1448	4.0	9485	109
11:34:40	1105	1448	4.0	9542	109
11:35:00	1113	1448	4.0	9598	110
11:35:20	1115	1448	4.0	9655	110
11:35:40	1127	1448	4.0	9711	111
11:36:00	1115	1468	4.0	9768	110
11:36:20	1123	1476	4.0	9824	111
11:36:40	1121	1472	4.1	9881	111
11:37:00	1124	1474	4.1	9938	112

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
11:37:20	1128	1477	4.1	9995	112
11:37:40	1125	1473	4.1	10052	112
11:38:00	1121	1483	4.0	10108	110
11:38:20	1123	1486	4.0	10164	110
11:38:40	1123	1487	4.0	10220	110
11:39:00	1131	1493	4.0	10277	111
11:39:20	1127	1488	4.0	10333	111
11:39:40	1126	1485	4.0	10389	111
11:40:00	1126	1485	4.0	10445	111
11:40:20	1132	1489	4.0	10502	112
11:40:40	1127	1481	4.0	10558	112
11:41:00	1133	1484	4.1	10615	113
11:41:20	1136	1488	4.0	10671	113
11:41:40	1134	1487	4.0	10728	112
11:42:00	1146	1500	4.0	10785	114
11:42:20	1146	1497	4.1	10841	114
11:42:40	1134	1497	4.0	10898	111
11:43:00	1140	1502	4.0	10954	112
11:43:20	1140	1499	4.0	11010	112
11:43:40	1137	1494	4.0	11067	112
11:44:00	1143	1500	4.0	11123	113
11:44:20	1146	1502	4.0	11179	113
11:44:40	1140	1494	4.0	11233	113
11:45:00	1141	1492	4.1	11290	113
11:45:20	1149	1498	4.1	11347	114
11:45:40	1144	1495	4.1	11403	114
11:46:00	1150	1497	4.1	11460	115
11:46:17	Stage 9	Step Rate Test			
11:46:20	1258	1502	4.6	11519	140
11:46:20	Event	PRESSURE WAS NOT MAINTAINING A STRAIGHT READING. PRESSURE OFF TH			
11:46:40	1189	1486	4.5	11582	130
11:47:00	1168	1468	4.5	11644	128
11:47:20	1276	1564	4.5	11707	140
11:47:40	1157	1448	4.5	11769	127
11:48:00	1173	1467	4.5	11832	129
11:48:20	1173	1474	4.4	11894	128
11:48:40	1257	1542	4.5	11957	138
11:49:00	1293	1550	4.5	12020	142
11:49:20	1174	1447	4.5	12083	129
11:49:40	1292	1570	4.5	12145	142
11:50:00	1209	1480	4.5	12208	133
11:50:20	1296	1564	4.5	12271	143
11:50:40	1213	1471	4.5	12334	134
11:51:00	1127	1448	4.3	12397	120
11:51:20	1249	1520	4.5	12454	138
11:51:40	1292	1565	4.5	12517	142
11:52:00	1213	1486	4.5	12580	133
11:52:20	1298	1563	4.5	12642	143
11:52:40	1240	1510	4.5	12705	136

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
11:53:00	1231	1486	4.5	12768	136
11:53:20	1220	1475	4.5	12831	135
11:53:40	1226	1448	4.5	12894	136
11:54:00	1209	1448	4.6	12958	135
11:54:20	1210	1467	4.5	13021	132
11:54:40	1287	1543	4.5	13084	141
11:55:00	1236	1503	4.4	13146	134
11:55:20	1297	1612	4.2	13207	133
11:55:40	1311	1559	4.5	13270	145
11:56:00	1309	1573	4.5	13332	144
11:56:20	1228	1503	4.4	13395	133
11:56:40	1209	1483	4.4	13457	131
11:57:00	1215	1494	4.4	13518	131
11:57:20	1195	1470	4.4	13580	129
11:57:40	1233	1491	4.5	13642	135
11:58:00	1312	1560	4.5	13705	144
11:58:20	1226	1481	4.5	13767	134
11:58:40	1199	1448	4.5	13830	132
11:59:00	1229	1476	4.5	13893	135
11:59:20	1238	1492	4.5	13956	135
11:59:40	1257	1509	4.4	14018	136
12:00:00	1202	1448	4.4	14080	131
12:00:20	1318	1567	4.5	14143	145
12:00:40	1304	1535	4.5	14206	144
12:01:00	1353	1548	4.6	14268	153
12:01:17	Stage 10	Step Rate Test			
12:01:20	1347	1448	5.0	14337	164
12:01:20	Event	PRESSURE STARTED TO LINE OUT AS WE BROUGHT RATE UP.			
12:01:40	1355	1448	5.0	14407	166
12:02:00	1337	1448	5.0	14477	164
12:02:20	1341	1448	4.9	14546	162
12:02:40	1303	1448	4.9	14615	157
12:03:00	1346	1448	5.0	14685	166
12:03:20	1339	1448	5.0	14755	164
12:03:40	1330	1448	5.0	14825	162
12:04:00	1336	1448	4.9	14894	162
12:04:20	1330	1448	4.9	14963	160
12:04:40	1333	1448	4.9	15032	162
12:05:00	1332	1448	5.0	15102	163
12:05:20	1364	1448	5.0	15172	166
12:05:40	1353	1448	5.0	15241	166
12:06:00	1370	1448	5.0	15311	168
12:06:20	1372	1448	5.0	15382	169
12:06:40	1377	1448	5.0	15451	168
12:07:00	1383	1471	5.0	15521	169
12:07:20	1386	1481	5.0	15591	169
12:07:40	1387	1469	5.0	15661	170
12:08:00	1397	1499	4.9	15730	169
12:08:20	1403	1496	5.0	15799	171

ERRATIC PRESSURE DATA

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
12:08:40	1414	1493	5.0	15869	174
12:09:00	1411	1487	5.0	15940	174
12:09:20	1418	1487	5.1	16011	176
12:09:40	1421	1487	5.1	16083	176
12:10:00	1401	1499	5.0	16152	170
12:10:20	1403	1498	5.0	16222	171
12:10:40	1413	1497	5.0	16292	173
12:11:00	1419	1502	5.0	16362	174
12:11:20	1428	1506	5.0	16432	176
12:11:40	1426	1506	5.0	16502	175
12:12:00	1423	1507	5.0	16572	175
12:12:20	1417	1503	5.0	16642	173
12:12:40	1415	1501	5.0	16712	173
12:13:00	1426	1523	5.0	16782	173
12:13:20	1416	1507	5.0	16852	173
12:13:40	1418	1511	5.0	16921	173
12:14:00	1423	1509	5.0	16991	174
12:14:20	1419	1508	5.0	17061	173
12:14:40	1417	1506	5.0	17131	173
12:15:00	1424	1519	5.0	17200	173
12:15:20	1427	1513	5.0	17270	175
12:15:40	1427	1516	5.0	17340	174
12:16:00	1422	1513	5.0	17410	174
12:16:13	Stage 11	Step Rate Test			
12:16:20	1475	1468	5.3	17481	191
12:16:40	1532	1448	5.5	17557	205
12:17:00	1528	1448	5.5	17633	204
12:17:20	1520	1448	5.5	17710	203
12:17:40	1525	1448	5.5	17786	204
12:18:00	1537	1447	5.5	17863	206
12:18:20	1538	1447	5.5	17939	206
12:18:40	1538	1448	5.5	18016	207
12:19:00	1548	1448	5.5	18093	209
12:19:20	1538	1448	5.5	18170	208
12:19:40	1541	1447	5.5	18248	209
12:20:00	1533	1448	5.5	18324	206
12:20:20	1535	1448	5.5	18401	206
12:20:40	1542	1448	5.4	18478	206
12:21:00	1541	1448	5.5	18554	206
12:21:20	1550	1447	5.5	18631	208
12:21:40	1539	1448	5.5	18708	208
12:22:00	1546	1448	5.5	18785	209
12:22:20	1569	1447	5.5	18862	213
12:22:40	1554	1448	5.6	18940	213
12:23:00	1542	1448	5.5	19017	209
12:23:20	1567	1448	5.6	19095	214
12:23:40	1543	1448	5.5	19173	207
12:24:00	1526	1447	5.4	19249	204
12:24:20	1529	1448	5.4	19325	202

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
12:24:40	1544	1448	5.5	19402	208
12:25:00	1551	1448	5.6	19480	212
12:25:20	1532	1448	5.4	19556	204
12:25:40	1526	1448	5.4	19633	203
12:26:00	1531	1448	5.5	19709	205
12:26:20	1532	1448	5.4	19785	204
12:26:40	1526	1447	5.5	19862	204
12:27:00	1532	1447	5.5	19938	205
12:27:20	1533	1447	5.5	20015	205
12:27:40	1535	1448	5.5	20091	208
12:28:00	1531	1448	5.5	20169	207
12:28:20	1524	1449	5.5	20246	206
12:28:40	1533	1447	5.6	20323	209
12:29:00	1544	1448	5.6	20401	211
12:29:20	1519	1448	5.5	20479	204
12:29:40	1517	1447	5.5	20556	205
12:30:00	1527	1447	5.5	20633	207
12:30:20	1525	1448	5.5	20710	205
12:30:40	1526	1447	5.5	20787	206
12:31:00	1531	1448	5.5	20864	208
12:31:13	Stage 12	Step Rate Test			
12:31:20	1617	1448	6.0	20946	237
12:31:40	1621	1448	6.0	21031	240
12:32:00	1629	1448	6.1	21115	242
12:32:20	1664	1448	6.1	21200	248
12:32:40	1614	1448	6.0	21285	237
12:33:00	1617	1448	6.0	21369	239
12:33:20	1641	1448	6.0	21453	243
12:33:40	1628	1448	6.0	21538	241
12:34:00	1646	1448	6.1	21623	245
12:34:20	1647	1448	6.1	21708	246
12:34:40	1610	1448	6.0	21793	238
12:35:00	1620	1448	5.9	21876	232
12:35:20	1617	1448	5.8	21957	228
12:35:40	1680	1448	6.0	22038	247
12:36:00	1679	1448	6.0	22122	247
12:36:20	1684	1448	6.0	22206	248
12:36:40	1670	1448	6.0	22290	245
12:37:00	1676	1448	6.0	22373	247
12:37:20	1687	1448	6.0	22457	247
12:37:40	1691	1448	6.0	22541	249
12:38:00	1682	1448	6.0	22626	248
12:38:20	1695	1448	6.0	22707	250
12:38:40	1688	1447	6.0	22791	248
12:39:00	1682	1448	6.0	22876	248
12:39:20	1681	1448	6.0	22960	248
12:39:40	1686	1448	6.0	23044	249
12:40:00	1685	1448	6.0	23129	249
12:40:20	1695	1448	6.1	23213	253

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
12:40:40	1670	1448	6.0	23298	244
12:41:00	1662	1448	6.0	23381	243
12:41:20	1671	1448	6.0	23465	244
12:41:40	1676	1447	6.0	23548	246
12:42:00	1678	1448	6.0	23632	247
12:42:20	1677	1447	6.0	23716	246
12:42:40	1677	1447	6.1	23801	249
12:43:00	1670	1448	6.0	23885	246
12:43:20	1668	1448	6.0	23969	244
12:43:40	1667	1448	5.9	24052	242
12:44:00	1672	1448	6.0	24136	247
12:44:20	1656	1463	6.0	24220	242
12:44:40	1643	1448	6.0	24303	240
12:45:00	1656	1448	6.0	24388	245
12:45:20	1663	1448	6.0	24471	243
12:45:40	1663	1448	6.0	24555	243
12:46:00	1681	1447	6.1	24640	251
12:46:20	1734	1565	6.3	24724	270
12:46:28	Stage 13	Step Rate Test			
12:46:40	1771	1576	6.4	24815	277
12:47:00	1785	1512	6.5	24905	286
12:47:20	1786	1529	6.4	24996	282
12:47:40	1788	1463	6.6	25087	288
12:48:00	1759	1478	6.4	25177	274
12:48:20	1759	1448	6.3	25266	272
12:48:40	1782	1448	6.5	25356	286
12:49:00	1781	1484	6.4	25447	279
12:49:20	1775	1448	6.5	25537	283
12:49:40	1777	1448	6.4	25628	280
12:50:00	1785	1448	6.5	25719	286
12:50:20	1802	1448	6.5	25810	288
12:50:40	1785	1448	6.5	25902	284
12:51:00	1812	1448	6.6	25993	293
12:51:20	1797	1448	6.6	26086	288
12:51:40	1809	1448	6.6	26178	290
12:52:00	1817	1448	6.6	26270	292
12:52:20	1787	1448	6.6	26362	287
12:52:40	1804	1448	6.6	26454	291
12:53:00	1791	1448	6.6	26545	288
12:53:20	1819	1448	6.6	26638	295
12:53:40	1820	1447	6.6	26730	293
12:54:00	1819	1448	6.7	26823	297
12:54:20	1791	1448	6.4	26913	282
12:54:40	1795	1448	6.6	27005	289
12:55:00	1791	1448	6.5	27096	285
12:55:20	1817	1447	6.6	27188	294
12:55:40	1783	1448	6.4	27279	281
12:56:00	1786	1447	6.5	27370	286
12:56:20	1792	1448	6.5	27462	286

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
12:56:40	1795	1448	6.5	27552	288
12:57:00	1800	1447	6.6	27644	290
12:57:20	1799	1448	6.6	27737	290
12:57:40	1779	1448	6.5	27827	283
12:58:00	1782	1448	6.5	27918	284
12:58:20	1786	1448	6.5	28009	286
12:58:40	1785	1448	6.6	28101	287
12:59:00	1788	1496	6.4	28191	279
12:59:20	1783	1448	6.6	28283	287
12:59:40	1782	1448	6.5	28374	286
13:00:00	1785	1447	6.5	28466	283
13:00:20	1782	1448	6.6	28557	286
13:00:40	1781	1448	6.6	28650	287
13:01:00	1834	1448	6.7	28742	300
13:01:08	Stage 14	Step Rate Test			
13:01:20	1893	1448	6.9	28839	321
13:01:40	1883	1448	7.0	28936	321
13:02:00	1890	1448	7.0	29033	322
13:02:20	1892	1448	7.0	29131	323
13:02:40	1886	1560	6.7	29225	310
13:03:00	1835	1448	6.9	29322	312
13:03:20	1861	1448	6.9	29419	315
13:03:40	1887	1448	7.1	29517	329
13:04:00	1865	1447	7.0	29616	320
13:04:20	1872	1448	7.0	29714	323
13:04:40	1891	1448	7.1	29813	328
13:05:00	1891	1448	7.1	29912	328
13:05:20	1897	1448	7.1	30011	328
13:05:40	1906	1448	7.2	30110	334
13:06:00	1919	1448	7.2	30210	339
13:06:20	1932	1448	7.2	30311	340
13:06:40	1884	1448	7.0	30411	322
13:07:00	1883	1447	7.0	30509	324
13:07:20	1894	1448	7.1	30607	328
13:07:40	1910	1448	7.1	30706	332
13:08:00	1916	1448	7.1	30806	335
13:08:20	1893	1448	7.0	30906	327
13:08:40	1892	1448	7.0	31004	326
13:09:00	1901	1585	6.6	31100	309
13:09:20	1948	1542	6.9	31194	329
13:09:40	2018	1579	7.0	31291	345
13:10:00	2024	1578	7.0	31390	347
13:10:20	2030	1575	7.0	31488	350
13:10:40	2037	1592	7.0	31586	349
13:11:00	2015	1447	7.4	31690	367
13:11:20	1924	1448	7.1	31787	335
13:11:40	1897	1448	7.0	31887	326
13:12:00	1880	1448	7.0	31985	322
13:12:20	1889	1448	7.0	32083	323

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
13:12:40	1879	1448	7.0	32180	322
13:13:00	1889	1448	7.0	32278	323
13:13:20	1881	1448	6.9	32376	320
13:13:40	1892	1448	7.0	32473	323
13:14:00	1881	1448	7.0	32571	321
13:14:20	1873	1448	7.0	32668	319
13:14:40	1874	1448	7.0	32765	319
13:15:00	1880	1448	7.0	32863	320
13:15:20	1875	1448	7.0	32960	320
13:15:40	1881	1448	7.0	33058	321
13:16:00	1884	1448	7.0	33155	321
13:16:20	1995	1448	7.4	33258	360
13:16:26	Stage 15	Step Rate Test			
13:16:40	2004	1448	7.5	33363	366
13:17:00	2032	1448	7.4	33466	367
13:17:20	2078	1448	7.5	33571	382
13:17:40	2068	1448	7.5	33676	381
13:18:00	2071	1448	7.5	33781	383
13:18:20	2076	1448	7.5	33886	384
13:18:40	2080	1448	7.5	33991	383
13:19:00	2079	1448	7.5	34097	384
13:19:20	2071	1448	7.5	34202	383
13:19:40	2072	1448	7.4	34307	377
13:20:00	2066	1448	7.5	34412	379
13:20:20	2056	1448	7.5	34515	376
13:20:40	2056	1448	7.5	34620	377
13:21:00	2070	1448	7.5	34724	379
13:21:20	2057	1448	7.4	34828	371
13:21:40	2067	1448	7.5	34932	380
13:22:00	2063	1448	7.4	35037	373
13:22:20	2072	1448	7.5	35142	382
13:22:40	2064	1448	7.4	35246	374
13:23:00	2087	1448	7.5	35351	384
13:23:20	2064	1448	7.5	35455	380
13:23:40	2086	1481	7.5	35561	382
13:24:00	2080	1448	7.6	35666	387
13:24:20	2084	1448	7.6	35772	387
13:24:40	2085	1493	7.5	35878	381
13:25:00	2099	1448	7.6	35984	390
13:25:20	2100	1448	7.7	36090	394
13:25:40	2093	1448	7.7	36198	397
13:26:00	2097	1448	7.7	36306	398
13:26:20	2092	1504	7.5	36413	385
13:26:40	2044	1448	7.5	36519	377
13:27:00	2021	1448	7.4	36623	369
13:27:20	2023	1493	7.4	36727	366
13:27:40	2038	1448	7.5	36831	374
13:28:00	2031	1447	7.5	36936	374
13:28:20	2019	1448	7.5	37042	372

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
13:28:40	2015	1448	7.4	37145	366
13:29:00	2024	1448	7.5	37249	370
13:29:20	2042	1448	7.5	37353	378
13:29:40	2023	1448	7.5	37459	374
13:30:00	2039	1448	7.6	37565	377
13:30:20	2033	1448	7.5	37669	375
13:30:40	2039	1448	7.5	37775	377
13:31:00	2052	1448	7.6	37881	380
13:31:14	Stage 16	Step Rate Test			
13:31:20	2163	1448	7.9	37991	420
13:31:40	2165	1448	8.1	38102	428
13:32:00	2209	1555	7.9	38214	428
13:32:20	2202	1482	8.1	38326	437
13:32:40	2193	1511	8.0	38439	430
13:33:00	2217	1515	8.1	38550	438
13:33:20	2181	1448	8.1	38663	431
13:33:40	2198	1516	8.0	38774	431
13:34:00	2190	1499	8.0	38887	431
13:34:20	2190	1498	8.0	38997	431
13:34:40	2180	1505	8.0	39109	427
13:35:00	2197	1565	7.9	39221	424
13:35:20	2252	1544	8.1	39332	445
13:35:40	2236	1575	7.9	39444	436
13:36:00	2214	1507	8.1	39557	438
13:36:20	2196	1506	8.0	39669	432
13:36:40	2215	1466	8.1	39782	438
13:37:00	2200	1497	7.9	39894	425
13:37:20	2196	1448	8.1	40006	436
13:37:40	2207	1448	8.2	40121	441
13:38:00	2182	1468	8.0	40234	430
13:38:20	2201	1547	7.8	40345	422
13:38:40	2181	1448	8.1	40456	431
13:39:00	2217	1448	8.0	40568	437
13:39:20	2163	1448	8.0	40681	426
13:39:40	2192	1448	8.1	40793	434
13:40:00	2192	1571	7.8	40905	420
13:40:20	2145	1490	7.9	41016	417
13:40:40	2151	1486	8.0	41127	419
13:41:00	2149	1481	8.0	41238	419
13:41:20	2136	1498	7.9	41349	412
13:41:40	2126	1475	7.9	41460	412
13:42:00	2164	1514	7.9	41570	420
13:42:20	2217	1601	7.8	41680	425
13:42:40	2199	1470	8.1	41792	438
13:43:00	2150	1448	8.0	41905	424
13:43:20	2181	1498	8.0	42018	429
13:43:40	2162	1485	8.0	42130	424
13:44:00	2163	1488	8.0	42242	424
13:44:20	2165	1514	7.9	42354	421

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
13:44:40	2171	1499	8.0	42465	425
13:45:00	2172	1490	8.0	42577	427
13:45:20	2167	1574	7.8	42689	413
13:45:40	2206	1537	8.0	42800	432
13:46:00	2175	1500	8.0	42911	427
13:46:10	Event	Shutdown			
13:46:20	1056	1899	0.0	42944	0
13:46:40	1040	1883	0.0	42944	0
13:47:00	1030	1872	0.0	42944	0
13:47:20	1021	1864	0.0	42944	0
13:47:40	1015	1857	0.0	42944	0
13:48:00	1009	1852	0.0	42944	0
13:48:20	1004	1847	0.0	42944	0
13:48:40	1000	1843	0.0	42944	0
13:49:00	996	1838	0.0	42944	0
13:49:20	992	1835	0.0	42944	0
13:49:40	989	1831	0.0	42944	0
13:50:00	985	1828	0.0	42944	0
13:50:20	982	1824	0.0	42944	0
13:50:40	979	1822	0.0	42944	0
13:51:00	976	1818	0.0	42944	0
13:51:10	Event	Shut-In Pressure @ 5 Minutes			
13:51:20	973	1816	0.0	42944	0
13:51:40	970	1813	0.0	42944	0
13:52:00	968	1811	0.0	42944	0
13:52:20	966	1809	0.0	42944	0
13:52:40	963	1805	0.0	42944	0
13:53:00	961	1803	0.0	42944	0
13:53:20	959	1801	0.0	42944	0
13:53:40	957	1799	0.0	42944	0
13:54:00	954	1797	0.0	42944	0
13:54:20	952	1795	0.0	42944	0
13:54:40	950	1792	0.0	42944	0
13:55:00	947	1790	0.0	42944	0
13:55:20	945	1788	0.0	42944	0
13:55:40	943	1785	0.0	42944	0
13:56:00	941	1783	0.0	42944	0
13:56:10	Event	Shut-In Pressure @ 10 Minutes			
13:56:20	939	1781	0.0	42944	0
13:56:40	936	1779	0.0	42944	0
13:57:00	934	1777	0.0	42944	0
13:57:20	932	1775	0.0	42944	0
13:57:40	930	1773	0.0	42944	0
13:58:00	928	1770	0.0	42944	0
13:58:20	926	1769	0.0	42944	0
13:58:40	924	1767	0.0	42944	0
13:59:00	922	1765	0.0	42944	0
13:59:20	921	1763	0.0	42944	0
13:59:40	919	1761	0.0	42944	0

Time (hh:mm:ss)	Treating Pressure (psi)	Calc'd BH Pres (psi)	Slurry Rate (bpm)	Job Slurry Vol (gal)	Hydraulic Power (hp)
14:00:00	917	1759	0.0	42944	0
14:00:20	914	1757	0.0	42944	0
14:00:40	913	1756	0.0	42944	0
14:01:00	911	1754	0.0	42944	0
14:01:10	Event	Shut-In Pressure @ 15 Minutes			
14:01:20	909	1752	0.0	42944	0
14:01:40	907	1750	0.0	42944	0
14:02:00	906	1748	0.0	42944	0
14:02:20	904	1746	0.0	42944	0
14:02:40	902	1745	0.0	42944	0
14:03:00	900	1743	0.0	42944	0
14:03:20	900	1742	0.0	42944	0
14:03:40	926	1769	0.0	42944	0
14:04:00	700	1542	0.0	42944	0
14:04:20	-4	1447	0.0	42944	0