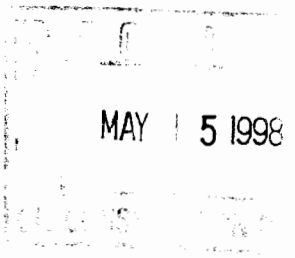
DEVON ENERGY CORPORATION

20 North Broadway
Suite 1500
Oklahoma City, Oklahoma 73102

405/235-3611
Fax 405/552-4550



May 13, 1998

New Mexico Oil Conservation Division
2040 S. Pacheco St.
Santa Fe, New Mexico 87505

Attention: Ben Stone

Dear Mr. Stone:

On November 4, 1997 Devon Energy Corporation requested administrative approval to increase injection pressures on 59 wells in the Turner "A", Turner "B", C. A. Russell, Hudson Federal and Friess – Fren Waterflood Projects located in the Grayburg Jackson Field in Eddy County, New Mexico. This appeal was made utilizing stimulation data that demonstrated the requested pressure increases would not exceed the formation's fracture pressure. As long as the frac gradient and / or surface injection gradient is not exceeded the formation will not be fractured and the injection fluids will be contained in the formation. This methodology has previously been utilized by Devon and approved by the OCD at this field. Subsequent temperature and tracer logs have confirmed that injection is being contained at the higher injection pressures. In this case, however, the OCD rejected the request for injection pressure increases at the above projects asking that actual step - rate tests be performed.

Attached for your review are nine (9) step - rate tests performed at injection wells within the above mentioned waterflood projects. The attached plat illustrates the location of the wells tested. The plat also list the surface injection gradient (surface injection gradient = frac gradient – fluid gradient) for each well where stimulation data was available.

Table I compares the previously requested surface injection gradients (derived from stimulation data) with the gradients obtained from the step - rate tests. With only one exception the parting pressure obtained from the step - rate tests was higher than the parting obtained from stimulation treatments. In the one exception, the Turner "B" 133, the difference was insignificant as the gradients differed by only .04 psi/ft.

The OCD had originally requested that step - rate tests be performed at approximately 20 of the 59 injection wells soliciting injection pressure increases. However, the information obtained from the first nine step - rate tests indicate that the gradients obtained from stimulation data are conservative. The nine (9) step - rate tests were distributed throughout all the waterflood projects mentioned above so that an accurate representation of the entire area could be obtained. The tests confirm that parting pressures will not be exceeded at the previously requested pressure increases.

Devon appreciates the OCD's need for accurate data to insure the containment of injection fluids within the proper intervals, and wants to provide such data when requested. Devon also wants to contain injection fluids within the proper interval as out of zone losses significantly reduces

secondary recovery efficiency. However; since the additional information acquired from the step – rate tests demonstrate that fracture pressures will not be exceeded, Devon feels comfortable with that injection will be contained within the approved injection intervals at the pressure increases previously requested in my November 4, 1997 correspondence.

This being the case, Devon respectfully request that the OCD review the attached information to determine if the nine step rate – tests, in conjunction with stimulation data, will be adequate to grant the previously requested pressure increases. At wells where step - rate tests are now available we would ask that pressure increases at these wells be based on these tests. For your convenience my November 4, 1997 correspondence listing the requested pressure increases is included.

After you have had an opportunity to review this correspondence I would welcome an opportunity to meet with you to discuss the information. I can be reached at 405-552-4560.

Sincerely,

Randy Jackson
District Engineer

TABLE I
STEP - RATE GRADIENT
vs
REQUESTED GRADIENT

WELL	LOCATION	TOP PERFORATION	STEP RATE PARTING PRESSURE	STEP RATE SURFACE GRADIENT	PREVIOUSLY REQUESTED GRADIENT
		(ft)	(psi)	(psi/ft)	(psi/ft)
TURNER "B" 4	17-T17S-R31E	2754	1926	0.70	NA
RUSSELL #9	18-T17S-R31E	2740	1886	0.69	0.6
TURNER "A" 56	18-T17SR31E	2755	1784	0.65	0.6
FREN #12	19-T17S-R31E	2785	1994	0.72	0.63
TURNER "A" 36	19-T17S-R31E	2711	1785	0.66	0.63
TURNER "B" 131	20-T17S-R31E	2759	1896	0.69	0.61
TURNER "B" 79	20-T17S-R31E	2739	1834	0.67	0.61
TURNER "B" 133	29-T17S-R31E	3209	1783	0.56	0.6
MAX FRIESS #4	30-T17S-R31E	2910	2131	0.73	0.56

WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: DEVON ENERGY CORPORATION

DATE: APRIL 24, 1998

WELL NAME: TURNER "B" NO. 4
EDDY COUNTY, NEW MEXICO

WO#: 98-14-0672

PERFS = 2754-3422

PACKER DEPTH = 2689

BHP GAUGE DEPTH = 3088

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	3:20	1451.9				1451.9		2871.8
	3:25	1536.7	0.6	172.8	1.035	1535.7	5.04	2883.8
	3:30	1501.8	1.4	230.4	1.762	1500.0	6.72	2889.9
1	3:35	1548.0	2.2	230.4	1.762	1546.2	6.72	2894.4
				211.2				
	3:40	1516.8	3.9	489.6	7.108	1509.7	14.28	2908.0
	3:45	1485.6	5.6	489.6	7.108	1478.5	14.28	2917.1
2	3:50	1575.5	7.2	460.8	6.354	1569.1	13.44	2923.1
				480.0				
	3:55	1637.9	10.1	835.2	19.091	1618.8	24.36	2941.3
	4:00	1644.1	12.9	806.4	17.891	1626.2	23.52	2950.3
3	4:05	1622.9	15.8	835.2	19.091	1603.8	24.36	2960.4
				825.6				
	4:10	1660.4	19.9	1180.8	36.228	1624.2	34.44	2976.1
	4:15	1691.6	24.1	1209.6	37.880	1653.7	35.28	2986.7
4	4:20	1740.3	28.4	1238.4	39.565	1700.7	36.12	3000.3
				1209.6				
	4:25	1742.8	33.9	1584.0	62.383	1680.4	46.20	3018.5
	4:30	1762.7	39.5	1612.8	64.498	1698.2	47.04	3032.1
5	4:35	1771.5	45.2	1641.6	66.645	1704.9	47.88	3042.7
				1612.8				
	4:40	1830.2	52.5	2102.4	105.328	1724.9	61.32	3059.4
	4:45	1825.2	59.9	2131.2	108.013	1717.2	62.16	3073.1
6	4:50	1863.9	67.4	2160.0	110.729	1753.2	63.00	3083.7
				2131.2				
	4:55	1927.6	76.5	2620.8	158.352	1769.2	76.44	3098.8
	5:00	1926.3	85.5	2592.0	155.148	1771.2	75.60	3109.4
7	5:05	1943.8	94.7	2649.6	161.587	1782.2	77.28	3120.1
				2620.8				

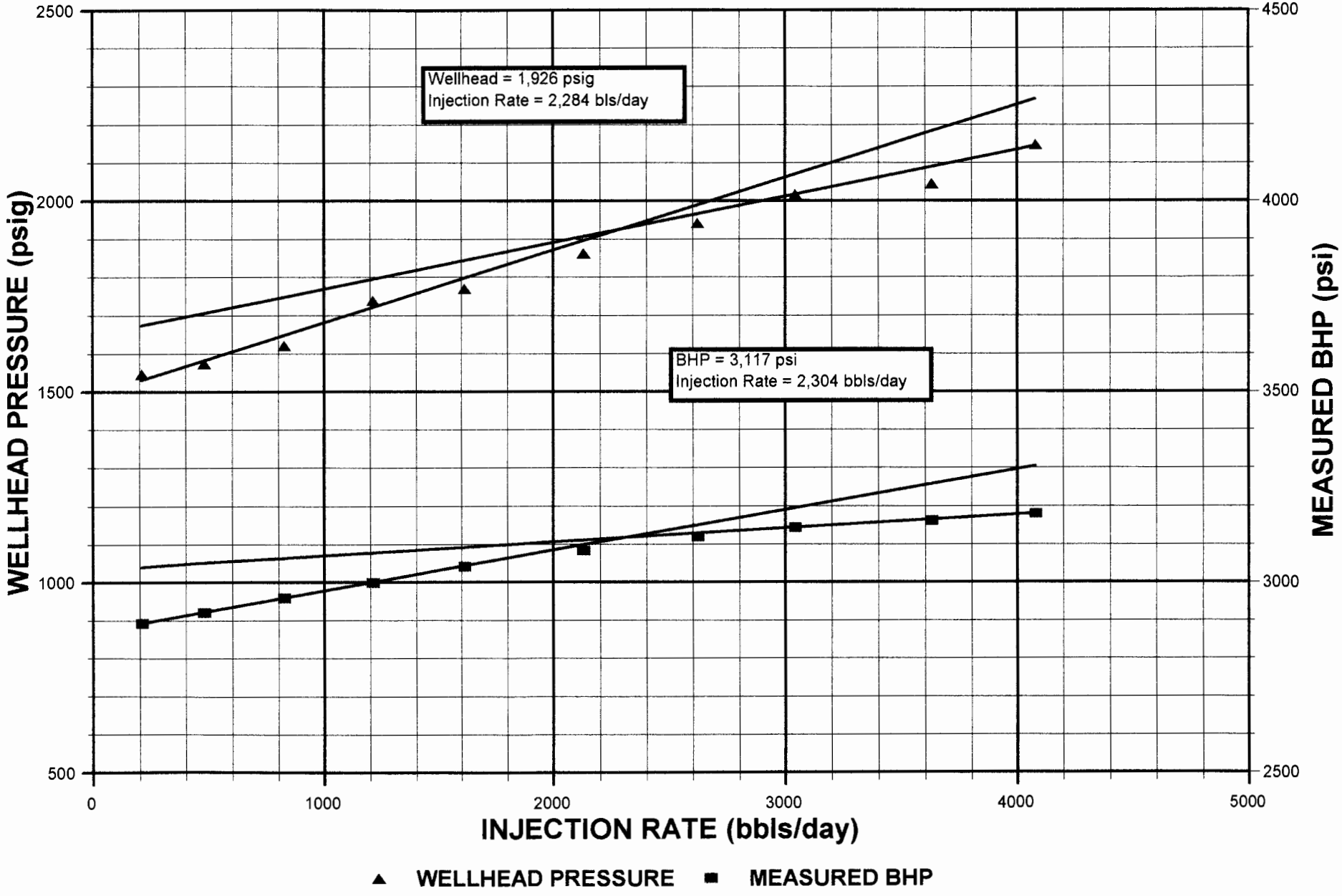
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	5:10	1986.3	105.2	3024.0	206.347	1780.0	88.20	3130.6
	5:15	2018.8	116.2	3168.0	224.892	1793.9	92.40	3139.7
8	5:20	2018.8	126.4	2937.6	195.573	1823.2	85.68	3144.3
				3043.2				
	5:25	**	**	**				**
	5:30	2035.1	143.8	**		2035.1		3154.8
9	5:35	2046.3	156.4	3628.8	289.124	1757.2	105.84	3162.4
				3628.8				
	5:40	2133.8	170.5	4060.8	356.003	1777.8	118.44	3168.3
	5:45	2137.6	184.9	4147.2	370.142	1767.5	120.96	3174.3
10	5:50	2148.9	198.9	4032.0	351.346	1797.6	117.60	3181.8
				4080.0				
FALLOFF	5:51	1757.9				1757.9		3172.7
	5:52	1762.9				1762.9		3171.2
	5:53	1760.4				1760.4		3168.2
	5:54	1759.1				1759.1		3166.7
	5:55	1756.6				1756.6		3165.2
	6:00	1749.2				1749.2		3157.6
	6:05	1743.0				1743.0		3153.0

** OUT OF WATER - DOWN THREE MINUTES

STEP RATE INJECTION TEST

DEVON ENERGY CORPORATION

Well Name:
Turner "B" 4
Eddy County, New Mexico



April 24, 1998 (98-14-0672)

WEST–TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: DEVON ENERGY CORPORATION

DATE: APRIL 27, 1998

WELL NAME: C.A. RUSSELL NO. 9
EDDY COUNTY, NEW MEXICO

W.O.#: 98–14–0673

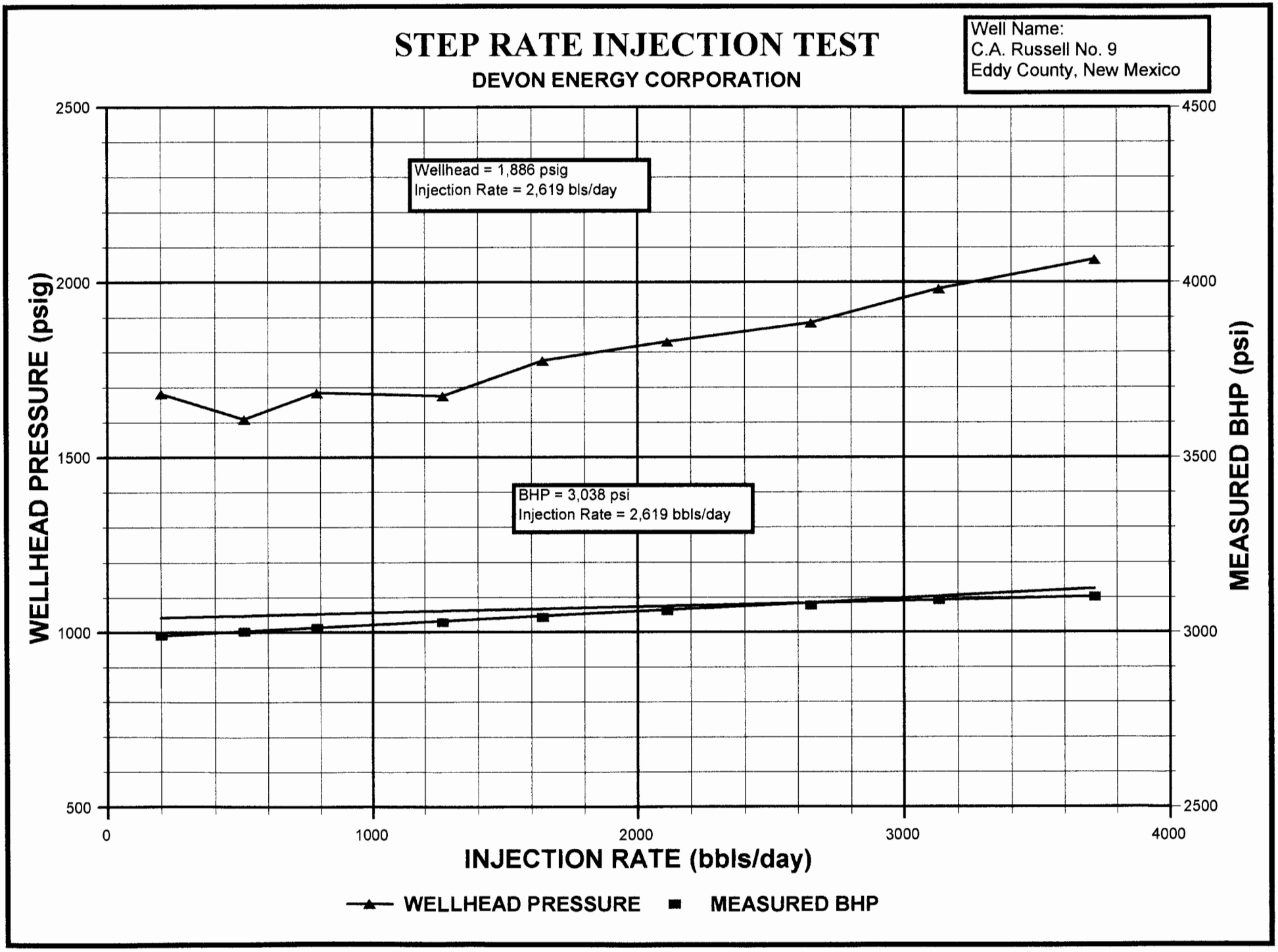
PERFS = 2740–3465

PACKER DEPTH = 2648

BHP GAUGE DEPTH = 3102

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)–(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	9:50	1561.9				1561.9		2982.0
	9:55	1479.0	0.6	172.8	1.040	1478.0	5.04	2988.0
	10:00	1537.0	1.4	230.4	1.770	1535.2	6.72	2991.0
1	10:05	1683.2	2.1	201.6	1.383	1681.8	5.88	2992.5
				201.6				
	10:10	1627.1	3.8	489.6	7.140	1620.0	14.28	2997.1
	10:15	1657.1	5.6	518.4	7.936	1649.2	15.12	3000.1
2	10:20	1609.6	7.4	518.4	7.936	1601.7	15.12	3003.1
				508.8				
	10:25	1660.9	10.1	777.6	16.803	1644.1	22.68	
	10:30	1667.2	12.9	806.4	17.972	1649.2	23.52	3012.1
3	10:35	1684.8	15.6	777.6	16.803	1668.0	22.68	3013.7
				787.19				
	10:40	1650.0	19.9	1238.4	39.745	1610.3	36.12	3022.7
	10:45	1660.1	24.3	1267.2	41.472	1618.6	36.96	3025.8
4	10:50	1676.4	28.8	1296.0	43.232	1633.2	37.80	3028.8
				1267.2				
	10:55	1765.1	34.4	1612.8	64.790	1700.3	47.04	3036.4
	11:00	1778.9	40.1	1641.6	66.947	1712.0	47.88	3040.9
5	11:05	1777.6	45.9	1670.4	69.136	1708.5	48.72	3044.0
				1641.6				
	11:10	1858.8	53.3	2131.2	108.503	1750.3	62.16	3050.0
	11:15	1831.2	60.6	2102.4	105.806	1725.4	61.32	3056.0
6	11:20	1831.2	67.9	2102.4	105.806	1725.4	61.32	3062.2
				2112.0				
	11:25	1896.2	77.1	2649.6	162.319	1733.9	77.28	3071.3
	11:30	1873.7	86.2	2620.8	159.070	1714.6	76.44	3074.3
7	11:35	1885.0	95.5	2678.4	165.598	1719.4	78.12	3077.4
				2649.6				

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) – (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	11:40	1996.2	106.2	3081.6	214.646	1781.6	89.88	3085.0
	11:45	1949.9	117.1	3139.2	222.127	1727.8	91.56	3089.6
8	11:50	1982.4	128.1	3168.0	225.912	1756.5	92.40	3092.0
				3129.6				
	11:55	2072.2	141.0	3715.2	303.357	1768.8	108.36	3098.7
9	12:00	2065.1	153.9	3715.2	303.357	1761.7	108.36	3101.8
				3715.2				
FALLOFF	12:03	1822.2				1822.2		3101.8
	12:04	1748.5				1748.5		3089.7
	12:05	1740.9				1740.9		3086.7
	12:06	1739.7				1739.7		3085.1
	12:07	1738.4				1738.4		3083.6
	12:08	1737.1				1737.1		3082.1
	12:09	1737.1				1737.1		3082.1
	12:10	1735.8				1735.8		3080.6
	12:15	1733.2				1733.2		3077.6


STEP RATE INJECTION TEST
DEVON ENERGY CORPORATION
Well Name:
C.A. Russell No. 9
Eddy County, New Mexico
Wellhead = 1,886 psig
Injection Rate = 2,619 bls/day
BHP = 3,038 psi
Injection Rate = 2,619 bbls/day
WELLHEAD PRESSURE (psig)
MEASURED BHP (psi)
INJECTION RATE (bbls/day)
2500
2000
1500
1000
500
4500
4000
3500
3000
2500
0
1000
2000
3000
4000
WELLHEAD PRESSURE
MEASURED BHP

WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: DEVON ENERGY CORPORATION

DATE: APRIL 27, 1998

WELL NAME: TURNER "A" NO. 56
EDDY COUNTY, NEW MEXICO

WO#: 98-14-0671

PERFS = 2755-3443

PACKER DEPTH = 2683

BHP GAUGE DEPTH = 3100

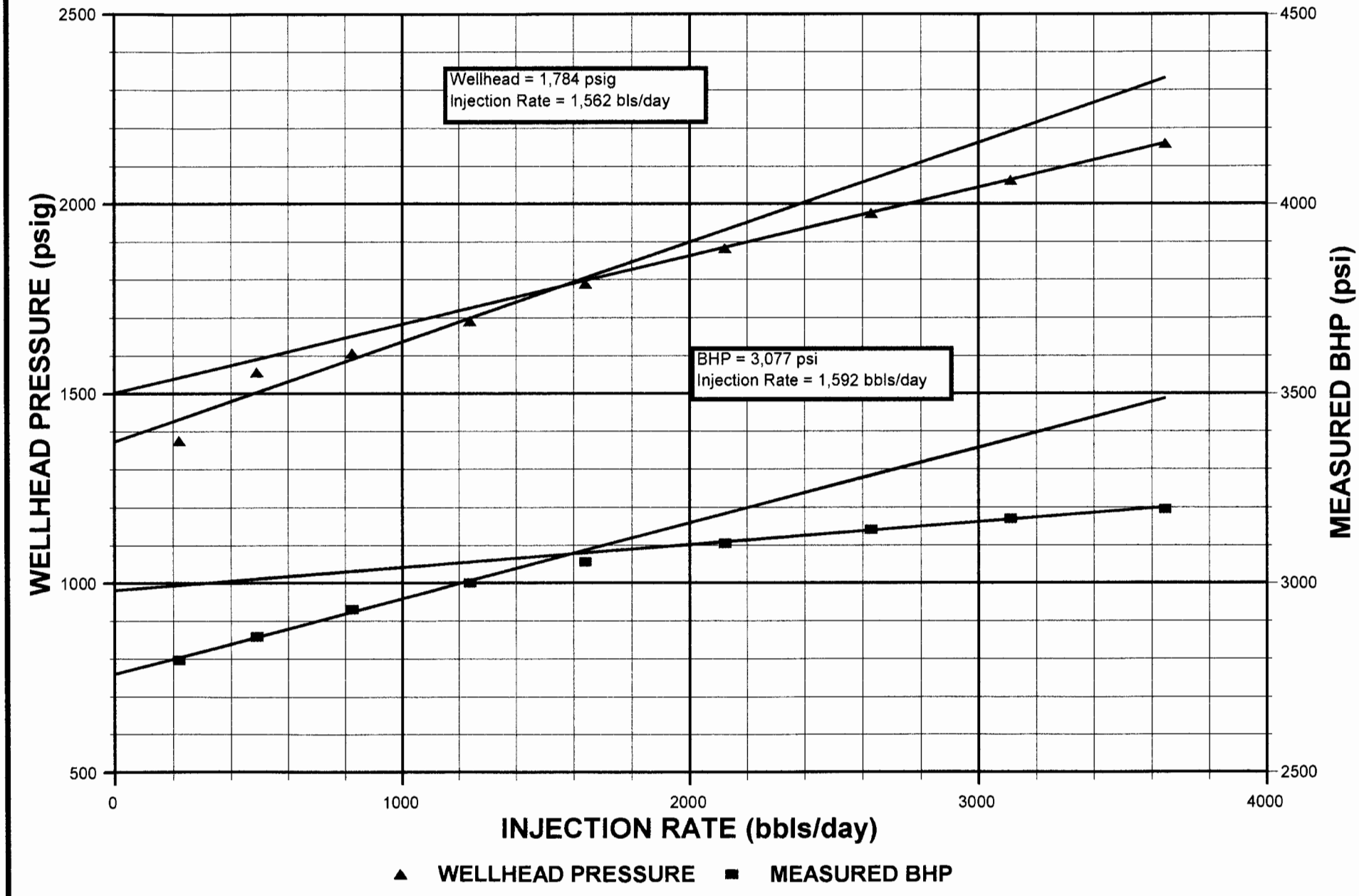
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	3:05	1332.5				1332.5		2741.6
	3:10	1368.7	0.7	201.6	1.382	1367.3	5.88	2768.9
	3:15	1468.7	1.5	230.4	1.769	1466.9	6.72	2786.1
1	3:20	1378.7	2.3	230.4	1.769	1376.9	6.72	2799.1
				220.8				
	3:25	1404.9	4.0	489.6	7.135	1397.8	14.28	2827.4
	3:30	1541.8	5.7	489.6	7.135	1534.7	14.28	2845.6
2	3:35	1558.5	7.4	489.6	7.135	1551.4	14.28	2860.3
				489.6				
	3:40	1615.9	10.3	835.2	19.165	1596.7	24.36	2893.7
	3:45	1547.1	13.1	806.4	17.961	1529.1	23.52	2915.1
3	3:50	1608.3	16.0	835.2	19.165	1589.1	24.36	2931.8
				825.6				
	3:55	1685.7	20.3	1238.4	39.719	1646.0	36.12	2964.4
	4:00	1699.4	24.6	1238.4	39.719	1659.7	36.12	2985.7
4	4:05	1693.1	28.9	1238.4	39.719	1653.4	36.12	3001.7
				1238.4				
	4:10	1750.6	34.6	1641.6	66.904	1683.7	47.88	3028.1
	4:15	1783.1	40.3	1641.6	66.904	1716.2	47.88	3044.3
5	4:20	1791.8	46.0	1641.6	66.904	1724.9	47.88	3057.8
				1641.6				
	4:25	1859.2	53.4	2131.2	108.433	1750.8	62.16	3079.8
	4:30	1825.5	60.9	2160.0	111.159	1714.3	63.00	3093.5
6	4:35	1885.4	68.1	2073.6	103.074	1782.3	60.48	3105.4
				2121.6				
	4:40	1944.1	77.2	2620.8	158.968	1785.1	76.44	3121.3
	4:45	1955.2	86.4	2649.6	162.215	1793.0	77.28	3132.9
7	4:50	1977.7	95.5	2620.8	158.968	1818.7	76.44	3142.2
				2630.4				

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) – (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	4:55	2037.7	106.2	3081.6	214.508	1823.2	89.88	3155.0
	5:00	2034.0	117.1	3139.2	221.984	1812.0	91.56	3163.8
8	5:05	2064.0	127.9	3110.4	218.231	1845.8	90.72	3171.0
				3110.4				
	5:10	2135.3	140.6	3657.6	294.523	1840.8	106.68	3181.9
	5:15	2136.6	153.3	3657.6	294.523	1842.1	106.68	3189.9
9	5:20	2161.5	165.9	3628.8	290.247	1871.3	105.84	3196.5
				3648.0				
FALLOFF	5:21	1847.9				1847.9		3188.3
	5:22	1831.7				1831.7		3184.7
	5:23	1829.2				1829.2		3181.2
	5:24	1827.9				1827.9		3179.3
	5:25	1825.4				1825.4		3177.5
	5:30	1816.6				1816.6		3166.8
	5:35	1810.3				1810.3		3160.4

STEP RATE INJECTION TEST

DEVON ENERGY CORPORATION

Well Name:
Turner "A" No. 56
Eddy County, New Mexico



WEST – TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: DEVON ENERGY CORPORATION

DATE: APRIL 24, 1998

WELL NAME: FREN NO. 12
EDDY COUNTY, NEW MEXICO

WO#: 98-14-0670

PERFS = 2785–3080

PACKER DEPTH = 2720

BHP GAUGE DEPTH = 2932

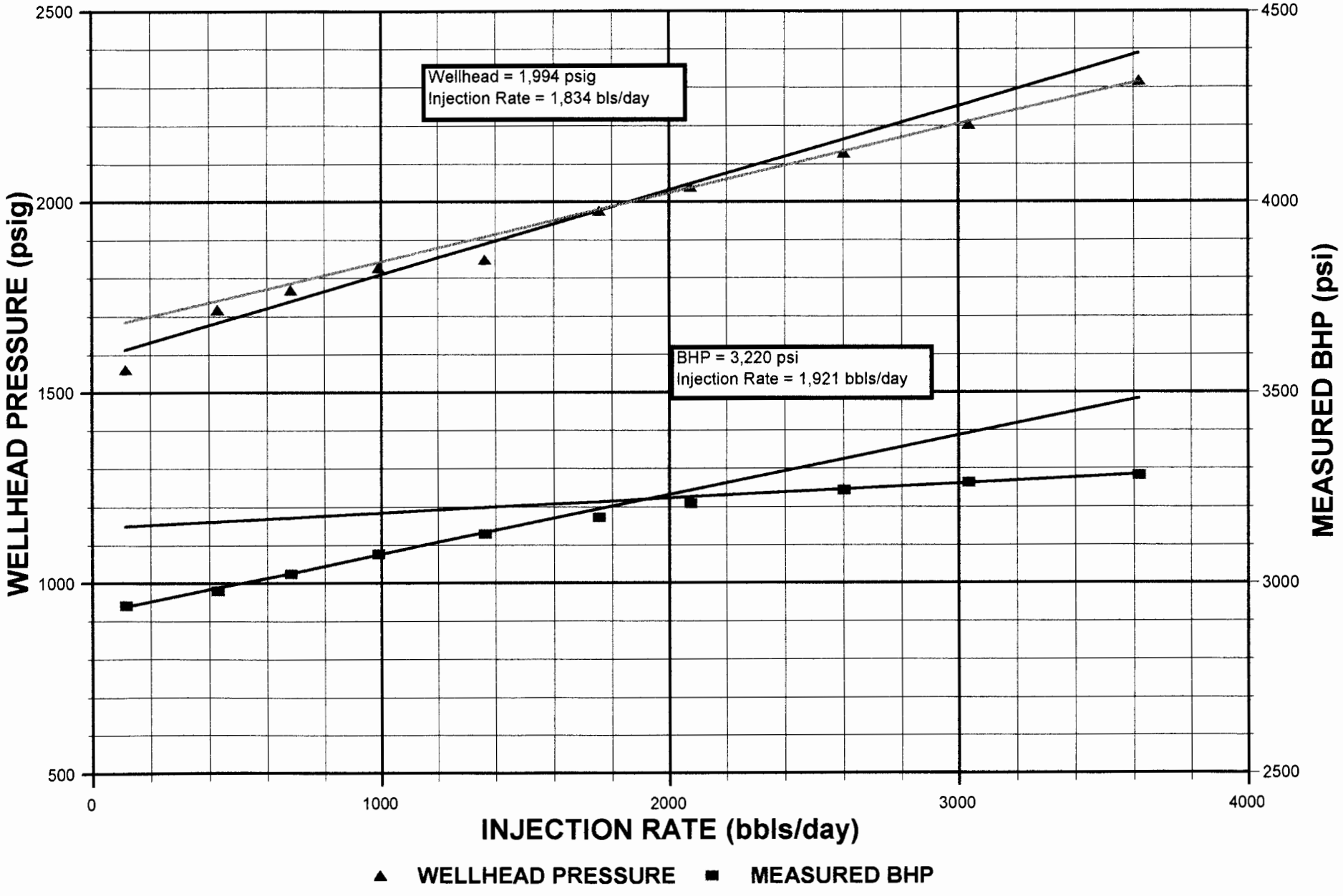
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)–(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	10:30	1573.0				1573.0		2923.1
	10:35	1579.0	0.3	86.4	0.273	1578.7	2.52	2930.6
	10:40	1580.5	0.7	115.2	0.464	1580.0	3.36	2938.1
1	10:45	1563.0	1.2	144.0	0.701	1562.3	4.20	2942.7
				115.2				
	10:50	1558.0	2.6	403.2	4.712	1553.3	11.76	2957.8
	10:55	1742.8	4.3	489.6	6.749	1736.1	14.28	2971.4
2	11:00	1720.3	5.7	403.2	4.712	1715.6	11.76	2982.0
				432.0				
	11:05	1737.8	8.0	662.4	11.805	1726.0	19.32	3000.1
	11:10	1721.6	10.4	691.2	12.772	1708.8	20.16	3012.2
3	11:15	1771.5	12.8	691.2	12.772	1758.7	20.16	3025.8
				681.6				
	11:20	1782.7	16.4	1036.8	27.042	1755.7	30.24	3045.5
	11:25	1820.2	19.7	950.4	23.022	1797.2	27.72	3059.2
4	11:30	1828.9	23.1	979.2	24.329	1804.6	28.56	3077.4
				988.8				
	11:35	1927.6	27.8	1353.6	44.286	1883.3	39.48	3097.1
	11:40	1902.6	32.6	1382.4	46.045	1856.6	40.32	3116.8
5	11:45	1851.4	37.3	1353.6	44.286	1807.1	39.48	3130.5
				1363.2				
	11:50	1942.5	43.4	1756.8	71.737	1870.8	51.24	3147.1
	11:55	1968.7	49.5	1756.8	71.737	1897.0	51.24	3160.0
6	12:00	1978.7	55.6	1756.8	71.737	1907.0	51.24	3172.9
				1756.8				
	12:05	2007.4	62.8	2073.6	97.488	1909.9	60.48	3186.6
	12:10	2011.2	70.0	2073.6	97.488	1913.7	60.48	3200.2
7	12:15	2041.2	77.2	2073.6	97.488	1943.7	60.48	3209.3
				2073.6				

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	12:20	2123.7	86.0	2534.4	141.312	1982.4	73.92	3224.4
	12:25	2126.2	95.6	2764.8	165.992	1960.2	80.64	3235.0
8	12:30	2129.9	104.3	2505.6	138.355	1991.5	73.08	3244.1
				2601.6				
	12:35	2227.4	114.8	3024.0	195.923	2031.5	88.20	3253.2
	12:40	2223.6	125.3	3024.0	195.923	2027.7	88.20	3259.2
9	12:45	2206.1	135.9	3052.8	199.389	2006.7	89.04	3265.3
				3033.6				
	12:50	2303.6	149.0	3772.8	295.010	2008.6	110.04	3274.4
	12:55	2317.4	161.0	3456.0	250.825	2066.6	100.80	3280.5
10	1:00	2319.9	173.6	3628.8	274.518	2045.4	105.84	3283.5
				3619.2				
FALLOFF	1:01	1998.7				1998.7		3271.4
	1:02	1997.4				1997.4		3268.4
	1:03	1994.9				1994.9		3265.4
	1:04	1992.4				1992.4		3263.9
	1:05	1991.2				1991.2		3260.8
	1:10	1983.7				1983.7		3253.2
	1:15	1977.4				1977.4		3247.2

STEP RATE INJECTION TEST

DEVON ENERGY CORPORATION

Well Name:
Fren No. 12
Eddy County, New Mexico



WEST – TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: DEVON ENERGY CORPORATION

DATE: APRIL 28, 1998

WELL NAME: TURNER "A" NO. 36
EDDY COUNTY, NEW MEXICO

WO#: 98-14-0674

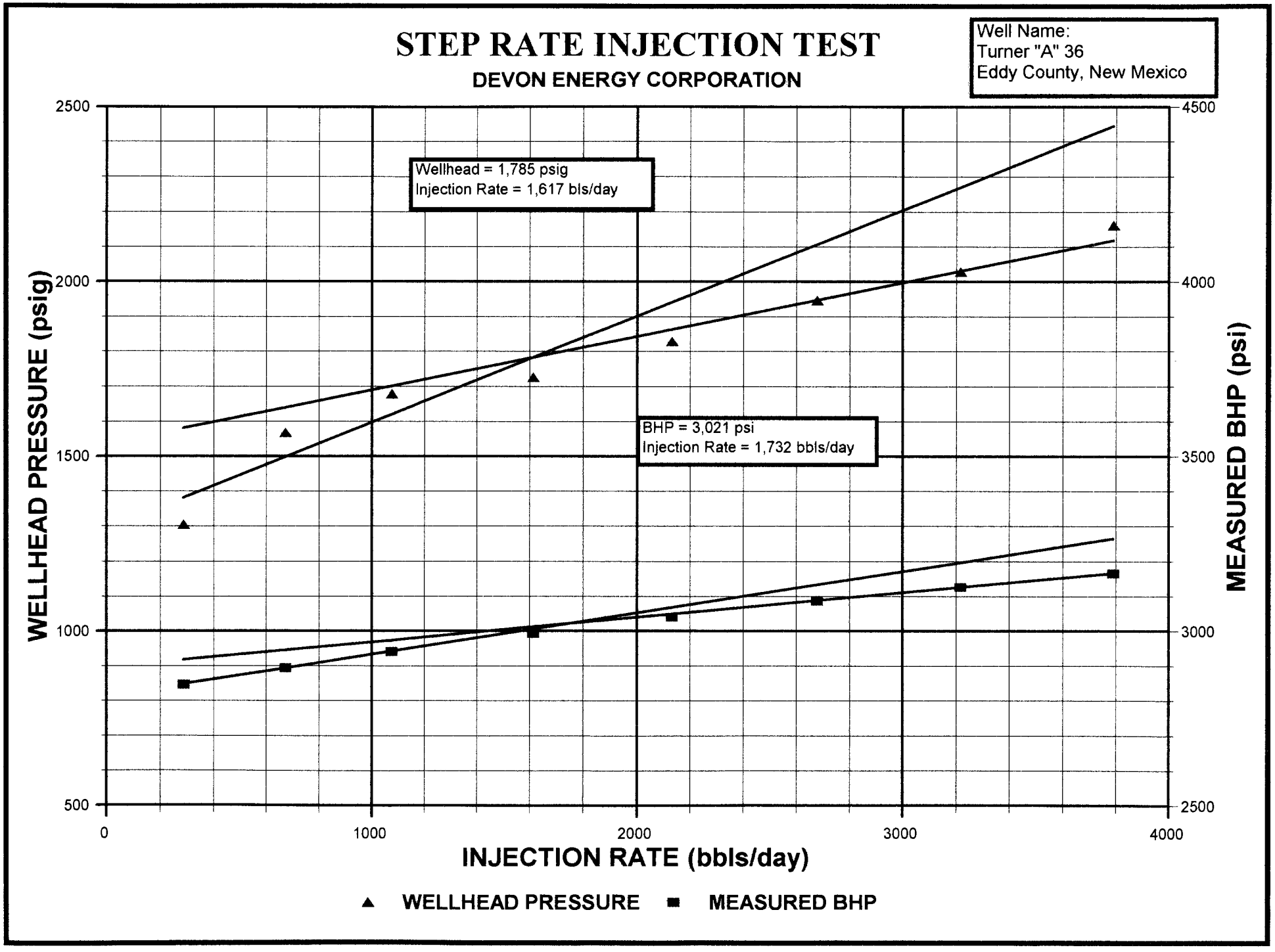
PERFS = 2713-3417

PACKER DEPTH = 2638

BHP GAUGE DEPTH = 3065

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	2:15	1414.4				1414.4		2803.2
	2:20	1313.2	0.9	259.2	2.175	1311.0	7.56	2828.0
	2:25	1625.5	2.0	316.8	3.153	1622.3	9.24	2833.9
1	2:30	1306.9	3.0	288.0	2.643	1304.3	8.40	2849.0
				288.0				
	2:35	1510.6	5.3	662.4	12.341	1498.3	19.32	2868.7
	2:40	1566.8	7.7	691.2	13.352	1553.4	20.16	2883.1
2	2:45	1569.3	10.0	662.4	12.341	1557.0	19.32	2895.5
				672.0				
	2:50	1596.8	13.7	1065.6	29.739	1567.1	31.08	2916.1
	2:55	1643.0	17.4	1065.6	29.739	1613.3	31.08	2929.3
3	3:00	1679.3	21.2	1094.4	31.243	1648.1	31.92	2942.4
				1075.2				
	3:05	1700.5	27.1	1699.2	70.506	1630.0	49.56	2965.4
	3:10	1733.0	32.4	1526.4	57.818	1675.2	44.52	2981.4
4	3:15	1728.0	38.0	1612.8	64.018	1664.0	47.04	2994.1
				1612.8				
	3:20	1804.2	45.3	2102.4	104.544	1699.7	61.32	3014.6
	3:25	1780.4	52.7	2131.7	107.255	1673.1	62.17	3029.0
5	3:30	1830.4	60.2	2160.0	109.904	1720.5	63.00	3041.3
				2131.2				
	3:35	1925.3	69.7	2736.0	170.192	1755.1	79.80	3061.0
	3:40	1929.1	78.8	2620.8	157.173	1771.9	76.44	3074.1
6	3:45	1947.8	88.1	2678.4	163.623	1784.2	78.12	3086.8
				2678.4				
	3:50	2045.3	99.3	3225.6	230.784	1814.5	94.08	3103.4
	3:55	2010.2	110.7	3283.2	238.465	1771.7	95.76	3116.9
7	4:00	2030.3	121.6	3139.2	219.478	1810.8	91.56	3127.9
				3216.0				

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) – (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	4:05	2140.3	134.8	3801.6	312.761	1827.5	110.88	3143.6
	4:10	2152.8	148.0	3801.6	312.761	1840.0	110.88	3155.5
8	4:15	2164.1	161.1	3772.8	308.392	1855.7	110.04	3165.9
				3792.0				
FALLOFF	4:20	1841.7				1841.7		3164.1
	4:21	1834.2				1834.2		3162.4
	4:22	1832.9				1832.9		3160.3
	4:23	1831.7				1831.7		3159.2
	4:24	1830.4				1830.4		3157.9
	4:25	1829.2				1829.2		3156.6
	4:30	1824.2				1824.2		3151.1
	4:35	1820.4				1820.4		3147.7


STEP RATE INJECTION TEST
DEVON ENERGY CORPORATION
Well Name:
Turner "A" 36
Eddy County, New Mexico
Wellhead = 1,785 psig
Injection Rate = 1,617 bls/day
BHP = 3,021 psi
Injection Rate = 1,732 bbls/day
WELLHEAD PRESSURE (psig)
MEASURED BHP (psi)
INJECTION RATE (bbls/day)
2500
2000
1500
1000
500
4500
4000
3500
3000
2500
0
1000
2000
3000
4000
WELLHEAD PRESSURE
MEASURED BHP

WEST–TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: DEVON ENERGY CORPORATION

DATE: APRIL 25, 1998

WELL NAME: TURNER "B" 131

EDDY COUNTY, NEW MEXICO

WO#: 98–14–0675

PERFS = 2759–3208

PACKER DEPTH = 2695

BHP GAUGE DEPTH = 2984

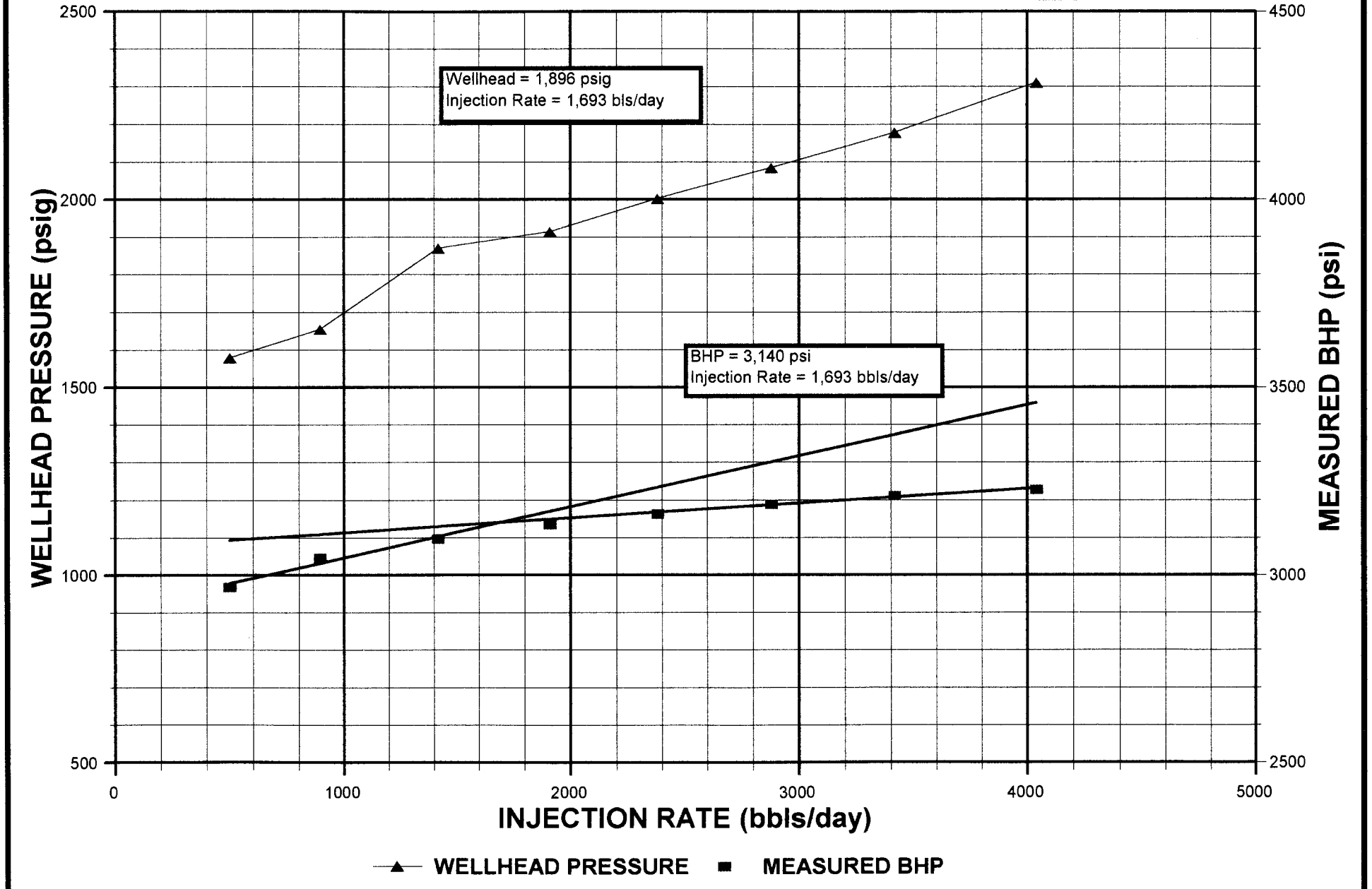
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)–(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	9:35	1447.7				1447.7		2811.4
	9:40	1510.2	1.7	489.6	6.868	1503.3	14.28	2926.1
	9:45	1627.7	3.5	518.4	7.634	1620.1	15.12	2951.8
1	9:50	1580.2	5.1	460.8	6.140	1574.1	13.44	2969.9
				489.6				
	9:55	1728.9	8.1	864.0	19.642	1709.3	25.20	3018.3
	10:00	1635.3	11.2	892.8	20.871	1614.4	26.04	3039.5
2	10:05	1655.3	14.4	921.6	22.133	1633.2	26.88	3047.1
				892.8				
	10:10	1829.0	19.4	1440.0	50.538	1778.5	42.00	3077.4
	10:15	1824.1	24.3	1411.2	48.684	1775.4	41.16	3088.0
3	10:20	1871.6	29.2	1411.2	48.684	1822.9	41.16	3097.1
				1420.8				
	10:25	1941.6	35.8	1900.8	84.465	1857.1	55.44	3118.4
	10:30	1925.4	42.4	1900.8	84.465	1840.9	55.44	3129.0
4	10:35	1915.4	49.1	1929.6	86.848	1828.6	56.28	3135.1
				1910.4				
	10:40	1999.1	57.2	2332.8	123.372	1875.7	68.04	3150.2
	10:45	2015.3	65.5	2390.4	129.067	1886.2	69.72	3157.8
5	10:50	2004.0	73.9	2419.2	131.958	1872.0	70.56	3163.9
				2380.8				
	10:55	2094.0	83.5	2764.8	168.936	1925.1	80.64	3177.6
	11:00	2099.0	93.6	2908.8	185.573	1913.4	84.84	3185.1
6	11:05	2085.3	103.9	2966.4	192.428	1892.9	86.52	3189.7
				2880.0				
	11:10	2205.4	115.5	3340.8	239.755	1965.6	97.44	3203.3
	11:15	2179.2	127.5	3456.0	255.273	1923.9	100.80	3209.4
7	11:20	2177.9	139.5	3456.0	255.273	1922.6	100.80	3212.4
				3417.6				

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)−(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	11:25	2305.4	153.5	4032.0	339.513	1965.9	117.60	3223.0
	11:30	2309.1	167.5	4032.0	339.513	1969.6	117.60	3226.1
8	11:35	2311.6	181.6	4060.8	344.013	1967.6	118.44	3229.1
				4041.6				
FALLOFF	11:36	1901.7				1901.7		3206.4
	11:37	1910.4				1910.4		3200.3
	11:38	1906.7				1906.7		3197.3
	11:39	1902.9				1902.9		3192.8
	11:40	1899.2				1899.2		3188.2
	11:45	1879.2				1879.2		3168.6
	11:50	1865.4				1865.4		3154.9

STEP RATE INJECTION TEST

DEVON ENERGY CORPORATION

Well Name:
Turner "B" 131
Eddy County, New Mexico



WEST – TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: DEVON ENERGY CORPORATION

DATE: APRIL 28, 1998

WELL NAME: TURNER "B" NO. 79
EDDY COUNTY, NEW MEXICO

WO#: 98-14-0676

PERFS = 2739–3469

PACKER DEPTH = 2660

BHP GAUGE DEPTH = 3104

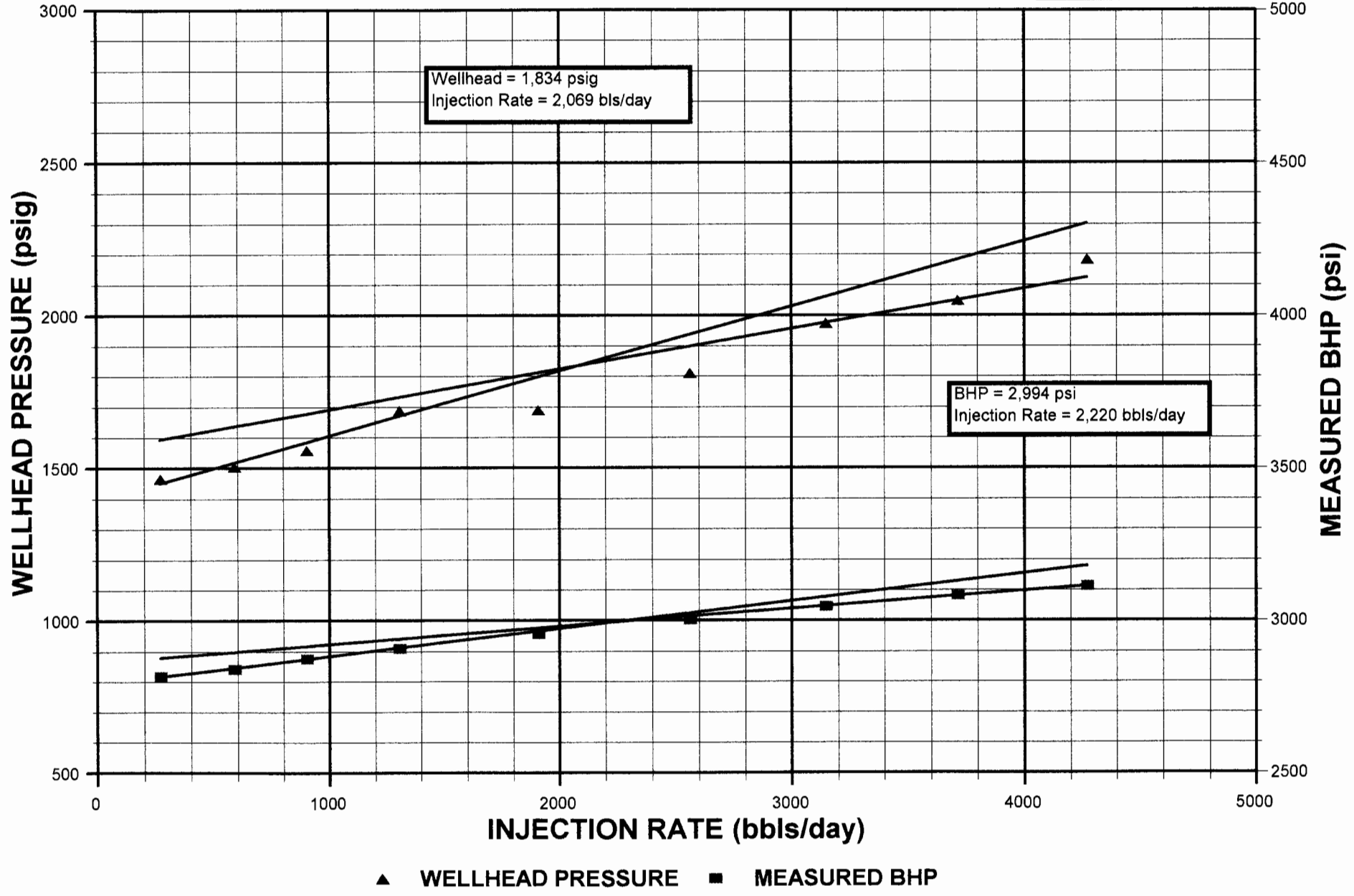
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)–(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	9:20	1379.2				1379.2		2797.3
	9:25	1311.9	0.8	230.4	1.772	1310.1	6.72	2808.5
	9:30	1390.0	1.8	288.0	2.677	1387.3	8.40	2814.4
1	9:35	1468.1	2.8	288.0	2.677	1465.4	8.40	2818.8
				268.8				
	9:40	1462.0	4.8	576.0	9.650	1452.3	16.80	2831.3
	9:45	1423.3	6.8	576.0	9.650	1413.6	16.80	2838.7
2	9:50	1507.0	8.9	604.8	10.562	1496.4	17.64	2843.4
				585.6				
	9:55	1530.8	12.1	921.6	23.023	1507.8	26.88	2858.6
	10:00	1515.8	15.1	864.0	20.432	1495.4	25.20	2865.8
3	10:05	1560.8	18.3	921.6	23.023	1537.8	26.88	2877.3
				902.4				
	10:10	1605.8	22.7	1267.2	41.498	1564.3	36.96	2889.4
	10:15	1667.1	27.3	1324.8	45.055	1622.0	38.64	2901.5
4	10:20	1689.6	31.9	1324.8	45.055	1644.5	38.64	2910.9
				1305.6				
	10:25	1667.2	38.4	1872.0	85.415	1581.8	54.60	2933.3
	10:30	1684.7	45.1	1929.6	90.340	1594.4	56.28	2946.5
5	10:35	1691.1	51.8	1929.6	90.340	1600.8	56.28	2956.8
				1910.4				
	10:40	1789.8	60.9	2620.8	159.173	1630.6	76.44	2982.7
	10:45	1806.2	69.6	2505.6	146.472	1659.7	73.08	2994.5
6	10:50	1812.5	78.5	2563.2	152.762	1659.7	74.76	3004.9
				2563.2				
	10:55	1917.5	89.4	3139.2	222.270	1695.2	91.56	3025.8
	11:00	1898.5	100.3	3139.2	222.270	1676.2	91.56	3037.2
7	11:05	1976.2	111.3	3168.0	226.058	1750.1	92.40	3047.9
				3148.8				

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) – (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	11:10	2037.3	124.0	3657.6	294.903	1742.4	106.68	3066.4
	11:15	2054.8	137.0	3744.0	307.920	1746.9	109.20	3075.5
8	11:20	2051.1	150.0	3744.0	307.920	1743.2	109.20	3083.0
				3715.2				
	11:25	2176.2	164.7	4233.6	386.527	1789.7	123.48	3099.7
	11:30	2160.0	179.6	4291.2	396.312	1763.7	125.16	3107.0
9	11:35	2185.1	194.5	4291.2	396.312	1788.8	125.16	3113.7
				4272.0				
FALLOFF	11:36	1724.0				1724.0		3076.4
	11:37	1724.0				1724.0		3070.8
	11:38	1720.2				1720.2		3067.1
	11:39	1717.7				1717.7		3065.2
	11:40	1716.5				1716.5		3062.4
	11:45	1710.3				1710.3		3056.1
	11:50	1706.6				1706.6		3052.0

STEP RATE INJECTION TEST

DEVON ENERGY CORPORATION

Well Name:
Turner "B" No. 79
Eddy County, New Mexico



▲ WELLHEAD PRESSURE ■ MEASURED BHP

April 28, 1998 (98-14-0676)

WEST – TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: DEVON ENERGY CORPORATION

DATE: APRIL 25, 1998

WELL NAME: TURNER "B" 133
EDDY COUNTY, NEW MEXICO

WO#: 98-14-0677

PERFS = 3209-3684

PACKER DEPTH = 3136

BHP GAUGE DEPTH = 3446

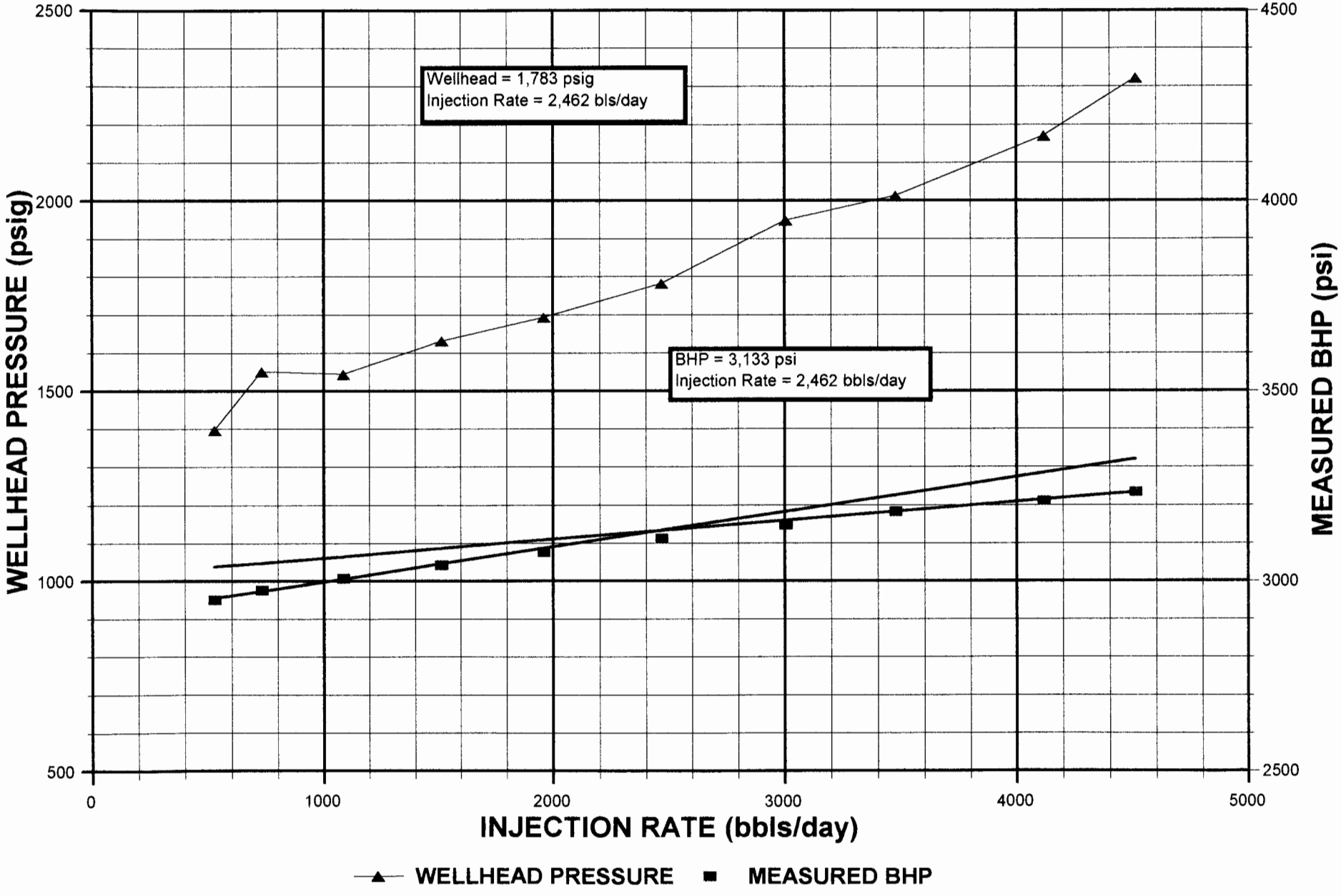
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) – (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	2:10	1343.2				1343.2		2921.6
	2:15	1383.1	1.8	518.4	8.816	1374.3	15.12	2936.7
	2:20	1398.1	3.6	518.4	8.816	1389.3	15.12	2944.3
1	2:25	1398.1	5.5	547.2	9.744	1388.4	15.96	2951.8
				528.0				
	2:30	1435.6	8.0	720.0	16.189	1419.4	21.00	2962.4
	2:35	1465.6	10.6	748.8	17.408	1448.2	21.84	2969.9
2	2:40	1551.8	13.1	720.0	16.189	1535.6	21.00	2977.5
				729.6				
	2:45	1610.5	16.9	1094.4	35.127	1575.4	31.92	2991.1
	2:50	1511.8	20.6	1065.6	33.436	1478.4	31.08	3000.2
3	2:55	1545.5	24.4	1094.4	35.127	1510.4	31.92	3009.3
				1084.8				
	3:00	1639.2	29.7	1526.4	65.005	1574.2	44.52	3023.0
	3:05	1609.2	35.0	1526.4	65.005	1544.2	44.52	3033.6
4	3:10	1633.0	40.2	1497.6	62.754	1570.2	43.68	3044.2
				1516.8				
	3:15	1664.2	47.0	1958.4	103.081	1561.1	57.12	3057.9
	3:20	1686.7	53.8	1958.4	103.081	1583.6	57.12	3068.5
5	3:25	1695.4	60.6	1958.4	103.081	1592.3	57.12	3077.6
				1958.4				
	3:30	1754.1	69.2	2476.8	159.169	1594.9	72.24	3092.7
	3:35	1771.6	77.6	2419.2	152.389	1619.2	70.56	3103.4
6	3:40	1784.1	86.3	2505.6	162.610	1621.5	73.08	3112.5
				2467.2				
	3:45	1834.1	96.7	2995.2	226.229	1607.9	87.36	3127.6
	3:50	1920.2	107.2	3024.0	230.270	1689.9	88.20	3139.7
7	3:55	1949.0	117.6	2995.2	226.229	1722.8	87.36	3148.8
				3004.8				

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	4:00	2007.7	129.5	3427.2	290.267	1717.4	99.96	3162.4
	4:05	2010.2	141.7	3513.6	303.950	1706.3	102.48	3173.0
8	4:10	2014.0	153.8	3484.8	299.357	1714.6	101.64	3183.6
				3475.2				
	4:15	2155.2	168.1	4118.4	407.763	1747.4	120.12	3197.2
	4:20	2170.2	182.4	4118.4	407.763	1762.4	120.12	3203.2
9	4:25	2171.5	196.7	4118.4	407.763	1763.7	120.12	3212.3
				4118.4				
	4:30	2312.7	211.5	4262.4	434.531	1878.2	124.32	3221.4
	4:35	2300.2	227.6	4636.8	507.767	1792.4	135.24	3228.9
10	4:40	2322.7	243.7	4636.8	507.767	1814.9	135.24	3235.0
				4512.0				
FALLOFF	4:41	1731.7				1731.7		3222.8
	4:42	1729.2				1729.2		3219.8
	4:43	1727.9				1727.9		3218.3
	4:44	1725.4				1725.4		3215.3
	4:45	1724.2				1724.2		3213.8
	4:50	1716.7				1716.7		3207.7
	4:55	1711.7				1711.7		3201.6

STEP RATE INJECTION TEST

DEVON ENERGY CORPORATION

Well Name:
Turner "B" 133
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: DEVON ENERGY CORPORATION

DATE: APRIL 29, 1998

WELL NAME: MAX FRIESS NO.4
EDDY COUNTY, NEW MEXICO

WO#: 98-14-0678

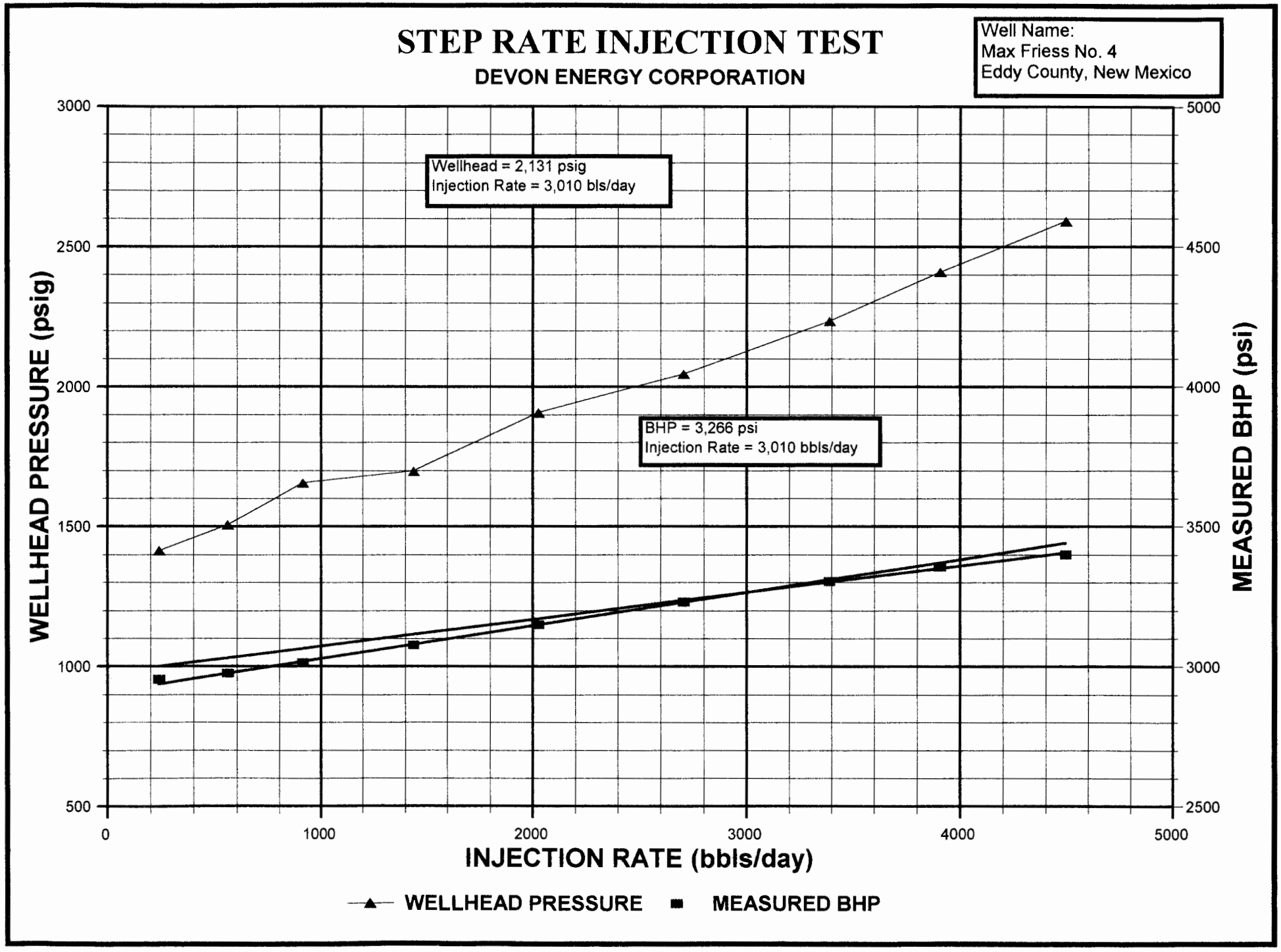
PERFS = 2910-3562

PACKER DEPTH = 2842

BHP GAUGE DEPTH = 3264

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	9:35	1442.2				1442.2		2932.5
	9:40	1544.7	0.8	230.4	1.863	1542.8	6.72	2943.7
	9:45	1559.8	1.6	230.4	1.863	1557.9	6.72	2950.9
1	9:50	1416.2	2.5	259.2	2.316	1413.9	7.56	2955.0
				240.0				
	9:55	1556.2	4.4	547.2	9.229	1547.0	15.96	2968.6
	10:00	1550.0	6.4	576.0	10.148	1539.9	16.80	2972.7
2	10:05	1507.6	8.3	547.2	9.229	1498.4	15.96	2977.9
				556.8				
	10:10	1590.1	11.5	921.6	24.210	1565.9	26.88	3001.1
	10:15	1622.7	14.7	921.6	24.210	1598.5	26.88	3009.1
3	10:20	1659.0	17.8	892.8	22.829	1636.2	26.04	3014.7
				912.0				
	10:25	1717.7	22.8	1440.0	55.280	1662.4	42.00	3053.6
	10:30	1719.0	27.8	1440.0	55.280	1663.7	42.00	3066.9
4	10:35	1700.3	32.8	1440.0	55.280	1645.0	42.00	3078.5
				1440.0				
	10:40	1812.9	39.8	2016.0	103.015	1709.9	58.80	3120.0
	10:45	1852.9	46.8	2016.0	103.015	1749.9	58.80	3135.9
5	10:50	1909.2	53.9	2044.8	105.755	1803.4	59.64	3150.9
				2025.6				
	10:55	2016.7	63.4	2736.0	181.242	1835.5	79.80	3200.9
	11:00	2019.2	72.7	2678.4	174.247	1845.0	78.12	3218.9
6	11:05	2046.6	82.1	2707.2	177.729	1868.9	78.96	3232.4
				2707.2				
	11:10	2229.1	93.8	3369.6	266.450	1962.7	98.28	3281.1
	11:15	2239.1	105.6	3398.4	270.678	1968.4	99.12	3295.9
7	11:20	2236.6	117.4	3398.4	270.678	1965.9	99.12	3306.8
				3388.8				

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) – (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	11:25	2400.4	131.0	3916.8	351.980	2048.4	114.24	3339.5
	11:30	2391.6	144.6	3916.8	351.980	2039.6	114.24	3350.4
8	11:35	2410.4	158.1	3888.0	347.207	2063.2	113.40	3357.6
				3907.2				
	11:40	2601.9	173.6	4464.0	448.317	2153.6	130.20	3389.6
	11:45	2598.1	189.4	4550.4	464.501	2133.6	132.72	3397.6
9	11:50	2593.1	204.9	4464.0	448.317	2144.8	130.20	3402.1
				4492.8				
FALLOFF	11:51	1886.7				1886.7		3306.9
	11:52	1871.7				1871.7		3289.2
	11:53	1861.7				1861.7		3279.6
	11:54	1854.2				1854.2		3270.9
	11:55	1846.7				1846.7		3264.1
	12:00	1820.4				1820.4		3235.9
	12:05	1796.7				1796.7		3211.0


STEP RATE INJECTION TEST
DEVON ENERGY CORPORATION
Well Name:
Max Friess No. 4
Eddy County, New Mexico
Wellhead = 2,131 psig
Injection Rate = 3,010 bls/day
BHP = 3,266 psi
Injection Rate = 3,010 bbls/day
WELLHEAD PRESSURE (psig)
MEASURED BHP (psi)
INJECTION RATE (bbls/day)
3000
2500
2000
1500
1000
500
5000
4500
4000
3500
3000
2500
0
1000
2000
3000
4000
5000
WELLHEAD PRESSURE
MEASURED BHP