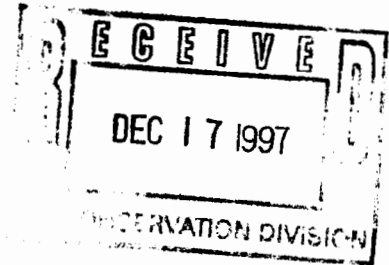


PSI-X N/R



THE WISER OIL COMPANY

P.O. BOX 2568 • HOBBS, NM 88241
(Phone) 505-392-9797
(FAX) 505-392-8971



December 12, 1997

New Mexico Oil Conservation Division
Attn: Ben Stone
P.O. Box 6429
Santa Fe, New Mexico 87505-6429

RE: Petition for higher injection pressure for our Skelly Unit,
Wiser operated in Eddy County, New Mexico

Dear Ben,

Please review the attached step-rate tests and grant us increased maximum injection wellhead pressures.
As per our agreement we have step-rate tested one Skelly Unit injection well for every three Skelly
Unit WIW's as follows:

L50PSI

1590 79 itself 82 and 83 1640	2117 53 itself 52 and 44 2161	✓ 68 itself 75 and 67 1640 1590
2013 58 itself 121 and 84 2063	1870 59 itself 101 and 60 1926	✓ 74 itself 300 and 90 1398 1348
1927 86 itself 85 and 57 1977	1742 64 itself 63 and 62 1792	✓ 91 itself and 73 1778 1728
1824 87 itself 55 and 56 1874	1928 65 itself 61 and 11 1978	✓ 45 itself 1834 1784
1966 88 itself 95 and 107 2016	2064 43 itself 1 and 12 2114	
1586 93 itself 94 and 100 1636	1923 54 itself 77 and 66 1973	106 1948 1898

We appreciate your time and effort in giving timely OCD approval to expedite waterflood response.

Best regards,

G. M. Jones

G. M. Jones

GMJ/mj
cc: Earl Krieg
Matt Eagleston
Bonnie Jones (J.O. Easley)

PREV DOS w/ COE
WISER 1
WISER 2
" 707
" 714
" 724

ORDERNUM	R ORDER	OPERATOR	LEASENAME	WELLNAME	WEL	NUMBRWE	APIN	PRES	FEET NS	NORTH	SOUT	FEET EW	EAST	WEST
WFX-707-001	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	11	62		2 PSI	1980	SOUTH		660	WEST	
WFX-707-002	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	17	62			660	NORTH		1930	WEST	
WFX-707-003	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	18	62			660	NORTH		660	WEST	
WFX-707-004	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	20	62			1980	NORTH		1980	EAST	
WFX-707-005	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	23	62			1980	SOUTH		1980	WEST	
WFX-707-006	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	25	62			1980	SOUTH		660	EAST	
WFX-707-007	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	27	62			1980	SOUTH		1980	WEST	
WFX-707-008	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	28	62			1980	SOUTH		660	WEST	
WFX-707-009	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	29	62			660	SOUTH		660	WEST	
WFX-707-010	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	31	62			660	SOUTH		1980	EAST	
WFX-707-011	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	33	62			660	SOUTH		660	WEST	
WFX-707-012	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	36	62			660	SOUTH		660	EAST	
WFX-707-013	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	37	62			660	NORTH		660	EAST	
WFX-707-014	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	39	62			660	NORTH		1980	WEST	
WFX-707-015	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	41	62			330	NORTH		330	EAST	
WFX-707-016	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	43	62			765	NORTH		2058	WEST	
WFX-707-017	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	45	62			1980	NORTH		1980	EAST	
WFX-707-018	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	47	62			1980	NORTH		660	WEST	
WFX-707-019	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	49	62			1980	NORTH		1980	EAST	
WFX-707-020	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	50	62			1980	NORTH		660	EAST	
WFX-707-021	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	51	62			1980	SOUTH		660	EAST	
WFX-707-022	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	55	62			660	SOUTH		660	WEST	
WFX-707-023	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	57	62			660	SOUTH		1980	EAST	
WFX-707-024	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	59	62			660	NORTH		660	EAST	
WFX-707-025	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	60	62			660	NORTH		1980	EAST	
WFX-707-026	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	61	62			660	NORTH		1980	WEST	
WFX-707-027	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	62	62			660	NORTH		660	WEST	
WFX-707-028	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	63	62			1980	NORTH		660	WEST	
WFX-707-029	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	65	62			2080	NORTH		1980	EAST	
WFX-707-030	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	68	62			1650	SOUTH		1980	WEST	
WFX-707-031	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	70	62			1980	SOUTH		660	EAST	
WFX-707-032	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	71	62			1980	SOUTH		1980	EAST	
WFX-707-033	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	72	62			1980	SOUTH		1980	WEST	
WFX-707-034	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	74	62			530	SOUTH		330	WEST	
WFX-707-035	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	76	62			720	SOUTH		1980	EAST	
WFX-707-036	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	80	62			660	SOUTH		1980	EAST	
WFX-707-037	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	82	62			660	NORTH		1980	WEST	
WFX-707-038	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	84	62			660	NORTH		660	EAST	
WFX-707-039	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	86	62			660	NORTH		1900	WEST	
WFX-707-040	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	88	62			660	NORTH		660	EAST	
WFX-707-041	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	90	62			680	NORTH		1980	WEST	
WFX-707-042	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	91	62			660	NORTH		660	WEST	
WFX-707-043	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	92	62			1980	NORTH		660	WEST	
WFX-707-044	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	93	62			1980	NORTH		1980	WEST	
WFX-707-045	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	94	62			1980	NORTH		1980	EAST	
WFX-707-046	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	95	62			1980	NORTH		660	EAST	
WFX-707-047	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	97	62			1980	NORTH		1980	EAST	
WFX-707-048	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	98	62			1980	SOUTH		1980	EAST	
WFX-707-049	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	99	62			1980	SOUTH		1980	WEST	
WFX-707-050	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	100	62			1980	SOUTH		660	WEST	
WFX-707-051	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	101	62			1980	NORTH		660	WEST	
WFX-707-052	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	103	62			560	NORTH		1980	WEST	
WFX-707-053	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	104	62			1980	NORTH		660	WEST	

UNIT LETTER	SECTION	TOWNSHIP	NORTH	SOUTH	RANGE	EAST	WEST	COUNTY	COMMENTS
I	21	17	SOUTH	31	EAST	EDDY			
B	15	17	SOUTH	31	EAST	EDDY			
D	15	17	SOUTH	31	EAST	EDDY			
G	15	17	SOUTH	31	EAST	EDDY			
K	14	17	SOUTH	31	EAST	EDDY			
I	15	17	SOUTH	31	EAST	EDDY			
K	15	17	SOUTH	31	EAST	EDDY			
L	15	17	SOUTH	31	EAST	EDDY			
M	15	17	SOUTH	31	EAST	EDDY			
O	15	17	SOUTH	31	EAST	EDDY			
M	14	17	SOUTH	31	EAST	EDDY			
P	14	17	SOUTH	31	EAST	EDDY			
A	23	17	SOUTH	31	EAST	EDDY			
C	23	17	SOUTH	31	EAST	EDDY			
A	22	17	SOUTH	31	EAST	EDDY			
C	22	17	SOUTH	31	EAST	EDDY			
G	22	17	SOUTH	31	EAST	EDDY			
E	23	17	SOUTH	31	EAST	EDDY			
G	23	17	SOUTH	31	EAST	EDDY			
H	23	17	SOUTH	31	EAST	EDDY			
I	22	17	SOUTH	31	EAST	EDDY			
M	22	17	SOUTH	31	EAST	EDDY			
O	22	17	SOUTH	31	EAST	EDDY			
A	21	17	SOUTH	31	EAST	EDDY			
B	21	17	SOUTH	31	EAST	EDDY			
C	21	17	SOUTH	31	EAST	EDDY			
D	21	17	SOUTH	31	EAST	EDDY			
E	21	17	SOUTH	31	EAST	EDDY			
G	21	17	SOUTH	31	EAST	EDDY			
K	21	17	SOUTH	31	EAST	EDDY			
I	23	17	SOUTH	31	EAST	EDDY			
J	23	17	SOUTH	31	EAST	EDDY			
K	23	17	SOUTH	31	EAST	EDDY			
M	21	17	SOUTH	31	EAST	EDDY			
O	21	17	SOUTH	31	EAST	EDDY			
O	23	17	SOUTH	31	EAST	EDDY			
C	26	17	SOUTH	31	EAST	EDDY			
A	27	17	SOUTH	31	EAST	EDDY			
C	27	17	SOUTH	31	EAST	EDDY			
A	28	17	SOUTH	31	EAST	EDDY			
C	28	17	SOUTH	31	EAST	EDDY			
D	28	17	SOUTH	31	EAST	EDDY			
E	28	17	SOUTH	31	EAST	EDDY			
F	28	17	SOUTH	31	EAST	EDDY			
G	28	17	SOUTH	31	EAST	EDDY			
H	28	17	SOUTH	31	EAST	EDDY			
G	27	17	SOUTH	31	EAST	EDDY			
J	28	17	SOUTH	31	EAST	EDDY			
K	28	17	SOUTH	31	EAST	EDDY			
L	28	17	SOUTH	31	EAST	EDDY			
E	22	17	SOUTH	31	EAST	EDDY			
C	14	17	SOUTH	31	EAST	EDDY			
E	14	17	SOUTH	31	EAST	EDDY			

ACRUAL STEP PA

POSTAGE WILL

ORDERNUM	R ORDER	OPERATOR	LEASENAME	WELLNAME	WEL NUMBER	APIN	PRES	FEET NS	NORTH, SOUT	FEET EW	EAST, WEST
WFX-707-054	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	106 62		660		NORTH	1980	WEST
WFX-707-055	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	107 62	30015	1760		NORTH	660	WEST
WFX-707-056	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	108 62		660		NORTH	660	EAST
WFX-707-057	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	109 62	30015	1980		NORTH	660	WEST
WFX-707-058	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	110 62		1980		NORTH	1980	EAST
WFX-707-059	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	111 62		1980		SOUTH	660	EAST
WFX-707-060	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	112 62		660		NORTH	660	EAST
WFX-707-061	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	113 62		1980		NORTH	660	EAST
WFX-707-062	R-3214	THE WISER OIL C	SKELLY UNIT	SKELLY	121 62		660		SOUTH	660	WEST
WFX-714-001	R-2900	THE WISER OIL C	SKELLY UNIT	SU	1 5		2 PSI 660		SOUTH	1980	WEST
WFX-714-002	R-2900	THE WISER OIL C	SKELLY UNIT	SU	35 5	30015	668		SOUTH	1930	EAST
WFX-714-003	R-2900	THE WISER OIL C	SKELLY UNIT	SU	148 5		668		NORTH	560	EAST
WFX-714-004	R-2900	THE WISER OIL C	SKELLY UNIT	SU	300 5	30015	2 PSI 1880		SOUTH	1980	EAST
WFX-714-005	R-2900	THE WISER OIL C	SKELLY UNIT	SU	301 5	30015	2 PSI 1980		NORTH	560	WEST
WFX-724-001	R-3214	THE WISER OIL C	SKELLY UNIT	SU	127 2		2 PSI 560		SOUTH	1880	EAST
WFX-724-002	R-3214	THE WISER OIL C	SKELLY UNIT	SU	302 2		2 PSI 600		NORTH	583	EAST

UNIT LETTER	SECTION	TOWNSHIP	NORTH	SOUTH	RANGE	EAST	WEST	COUNTY	COMMENTS
C	15	17	SOUTH		31	EAST		EDDY	
E	27	17	SOUTH		31	WEX Finder EAST		EDDY	
A	15	17	SOUTH		31	EAST		EDDY	
E	15	17	SOUTH		31	EAST		EDDY	
G	14	17	SOUTH		31	EAST		EDDY	
I	14	17	SOUTH		31	EAST		EDDY	
A	14	17	SOUTH		31	EAST		EDDY	
H	14	17	SOUTH		31	EAST		EDDY	
M	23	17	SOUTH		31	EAST		EDDY	
N	15	17	SOUTH		31	EAST		EDDY	
O	14	17	SOUTH		31	EAST		EDDY	
P	14	17	SOUTH		31	EAST		EDDY	
I	23	17	SOUTH		31	EAST		EDDY	
E	28	17	SOUTH		31	EAST		EDDY	
O	15	17	SOUTH		31	EAST		LEA	
D	28	17	SOUTH		31	EAST		LEA	



FAX TRANSMITTAL
THE WISER OIL COMPANY
8504 W. COUNTY ROAD
(Phone) 505-392-9797
(Fax) 505-392-8971

TO: Ben Stone

COMPANY: _____

FAX NUMBER: _____

FROM: Stacey

DATE: _____ TIME: _____

NO. OF PAGES 2
(INCLUDING COVER PAGE)

ORIGINAL DOCUMENT WILL FOLLOW BY MAIL.

☒ ORIGINAL DOCUMENT WILL NOT FOLLOW BY MAIL.

COMMENTS: _____

Ben please let me know what you think

Stacey

WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 24, 1997

WELL NAME: SKELLY UNIT NO. 59
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1595

PERF6 = 3242-3350

PACKER DEPTH = 3191

BHP GAUGE DEPTH = 3296

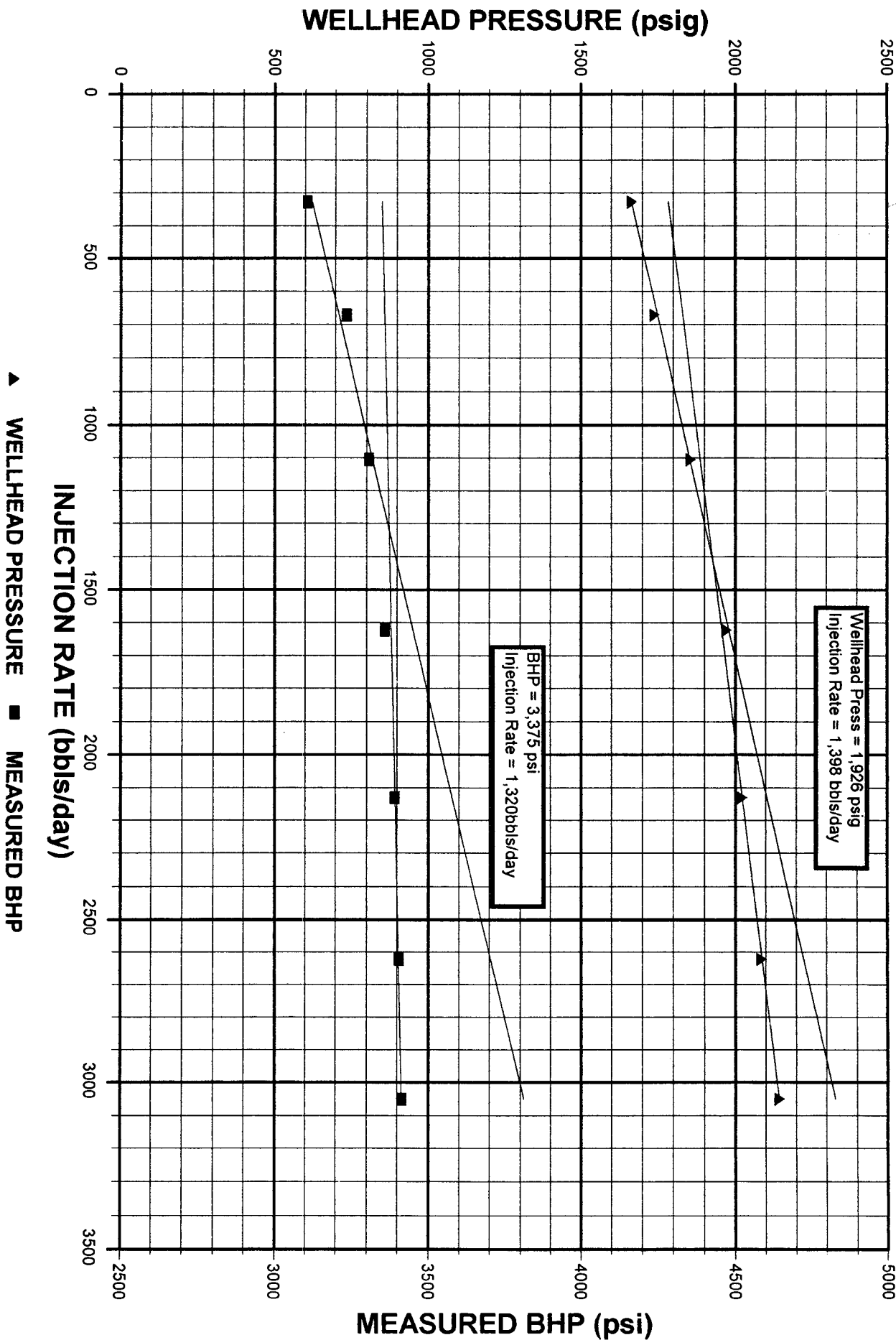
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2837	(7) MEASURED BHP (psi)
	9:40	1487.6				1487.6		2939.1
	9:45	1590.2	1.1	316.8	3.391	1586.8	9.24	3046.1
	9:50	1656.5	2.2	316.8	3.391	1653.1	9.24	3084.7
1	9:55	1669.1	3.4	345.6	3.983	1665.1	10.08	3109.4
				326.4				
	10:00	1742.9	5.7	662.4	13.271	1729.6	19.32	3186.2
	10:05	1750.4	8.0	662.4	13.271	1737.1	19.32	3216.5
2	10:10	1741.7	10.4	691.2	14.358	1727.3	20.16	3237.2
				672.0				
	10:15	1829.2	14.2	1094.4	33.598	1795.6	31.92	3289.1
	10:20	1845.5	18.0	1094.4	33.598	1811.9	31.92	3302.1
3	10:25	1857.9	21.9	1123.2	35.252	1822.6	32.76	3308.7
				1104.0				
	10:30	1904.2	27.4	1584.0	66.585	1837.6	46.20	3344.6
	10:35	1931.6	33.0	1612.8	68.842	1862.8	47.04	3353.9
4	10:40	1972.8	38.8	1670.4	73.460	1899.3	48.72	3361.6
				1622.4				
	10:45	2021.6	46.2	2131.2	115.289	1906.3	62.16	3387.4
	10:50	2022.8	53.6	2131.2	115.289	1907.5	62.16	3393.1
5	10:55	2024.0	61.0	2131.2	115.289	1908.7	62.16	3393.7
				2131.2				
	11:00	2091.5	70.1	2620.8	169.019	1922.5	76.44	3407.3
	11:05	2089.0	79.3	2649.6	172.471	1916.5	77.28	3408.6
6	11:10	2087.7	88.3	2592.0	165.599	1922.1	75.60	3406.5
				2620.8				
	11:15	2155.2	98.9	3052.8	224.142	1931.1	89.04	3418.3
	11:20	2170.2	109.5	3052.8	224.142	1946.1	89.04	3416.2
7	11:25	2146.4	120.1	3052.8	224.142	1922.3	89.04	3415.5
				3052.8				

Page 2

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 59
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 23, 1997

WELL NAME: SKELLY UNIT NO. 88
EDDY COUNTY, NEW MEXICO

W.O. #: 97-14-1591

OPEN HOLE = 3645-3708

PACKER DEPTH = 3618

BHP GAUGE DEPTH = 3678

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)
1	9:25	1164.6				1164.6		2797.5
	9:30	1254.6	0.9	259.2	2.609	1252.0	7.56	2872.0
	9:35	1287.1	1.7	230.4	2.098	1285.0	6.72	2911.1
	9:40	1298.3	2.4	201.6	1.639	1296.7	5.88	2943.2
				230.4				
2	9:45	1410.7	4.9	720.0	17.270	1393.4	21.00	3004.8
	9:50	1408.3	7.4	720.0	17.270	1391.0	21.00	3047.8
	9:55	1463.3	9.9	720.0	17.270	1446.0	21.00	3083.5
3				720.0				
	10:00	1545.8	14.3	1267.2	49.146	1496.7	36.96	3151.6
	10:05	1600.8	18.7	1267.2	49.146	1551.7	36.96	3197.6
	10:10	1630.8	23.0	1238.4	47.099	1583.7	36.12	3234.9
4				1257.6				
	10:15	1759.5	29.3	1814.4	95.472	1664.0	52.92	3291.5
	10:20	1797.0	35.6	1814.4	95.472	1701.5	52.92	3332.0
	10:25	1824.5	41.9	1814.4	95.472	1729.0	52.92	3365.1
5				1814.4				
	10:30	1897.0	50.2	2390.4	158.998	1738.0	69.72	3408.9
	10:35	1930.8	58.5	2390.4	158.998	1771.8	69.72	3439.6
	10:40	1958.3	66.8	2390.4	158.998	1799.3	69.72	3463.8
6				2390.4				
	10:45	2074.5	77.1	2966.4	237.053	1837.4	86.52	3497.0
	10:50	2089.4	87.4	2966.4	237.053	1852.3	86.52	3518.1
	10:55	2125.6	97.7	2966.4	237.053	1888.5	86.52	3533.5
7				2966.4				
	11:00	2201.8	109.8	3484.8	319.337	1882.5	101.64	3553.7
	11:05	2211.8	121.9	3484.8	319.337	1892.5	101.64	3565.8
	11:10	2220.5	134.0	3484.8	319.337	1901.2	101.64	3574.7

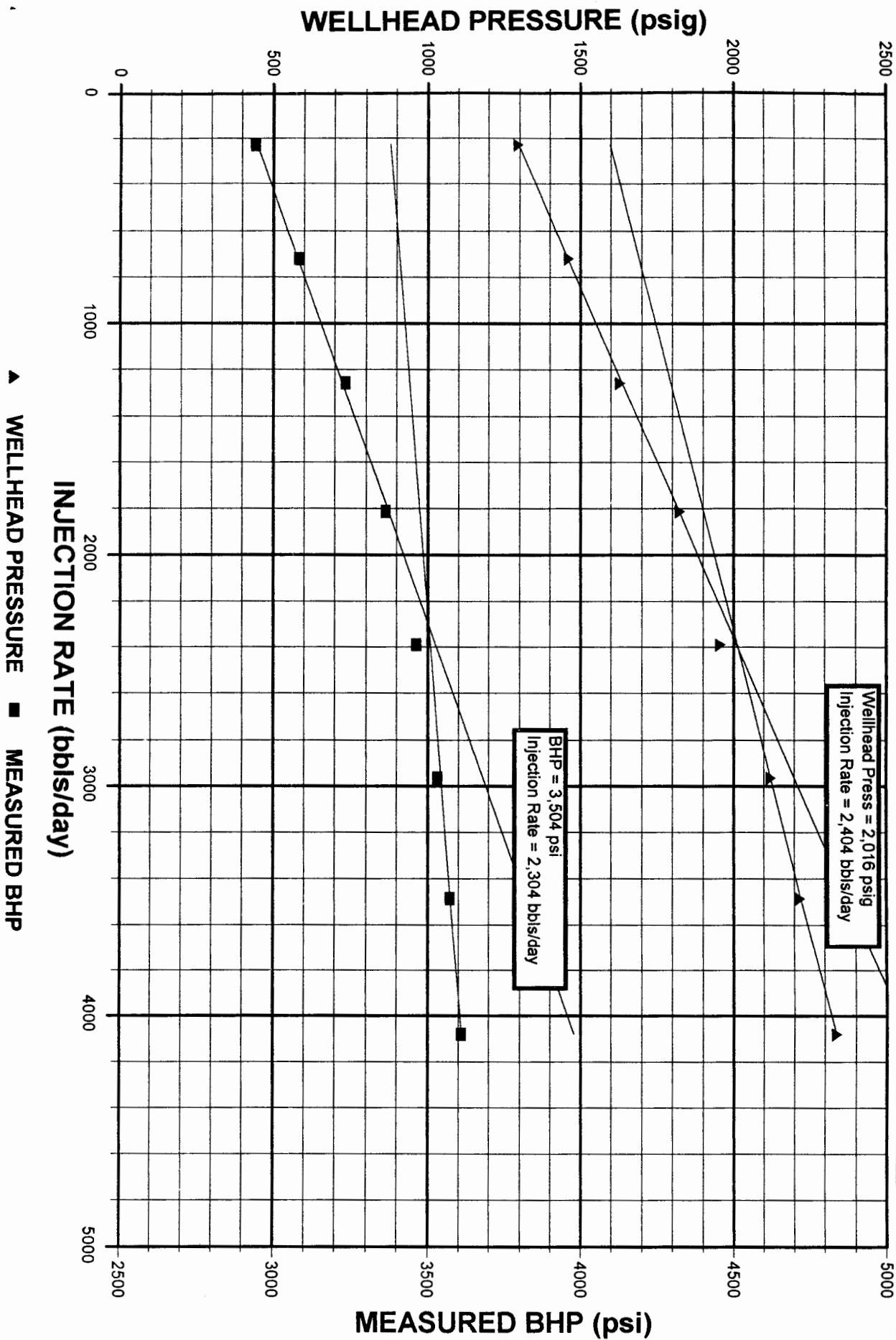
3484.8

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)/34.2637	(7) MEASURED BHP (psi)
8 FALLOFF	11:15	2328.0	148.2	4089.6	429.368	1898.6	119.28	3588.5
	11:20	2335.5	162.4	4089.6	429.368	1906.1	119.28	3598.2
	11:25	2339.3	176.5	4060.8 4080.0	423.791	1915.5	118.44	3610.2
	11:26	1935.6				1935.6		3594.7
	11:27	1924.4				1924.4		3587.0
	11:28	1919.4				1919.4		3580.7
	11:29	1914.4				1914.4		3575.3
	11:30	1910.6				1910.6		3571.5
	11:35	1895.6				1895.6		3555.3
	11:40	1885.6				1885.6		3545.0

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 88
Eddy County, New Mexico



WEST - TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 22, 1997

WELL NAME: SKELLY UNIT NO. 87
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1335

PERFS - 3241-3659

PACKER DEPTH = 3178

BHP GAUGE DEPTH = 3370

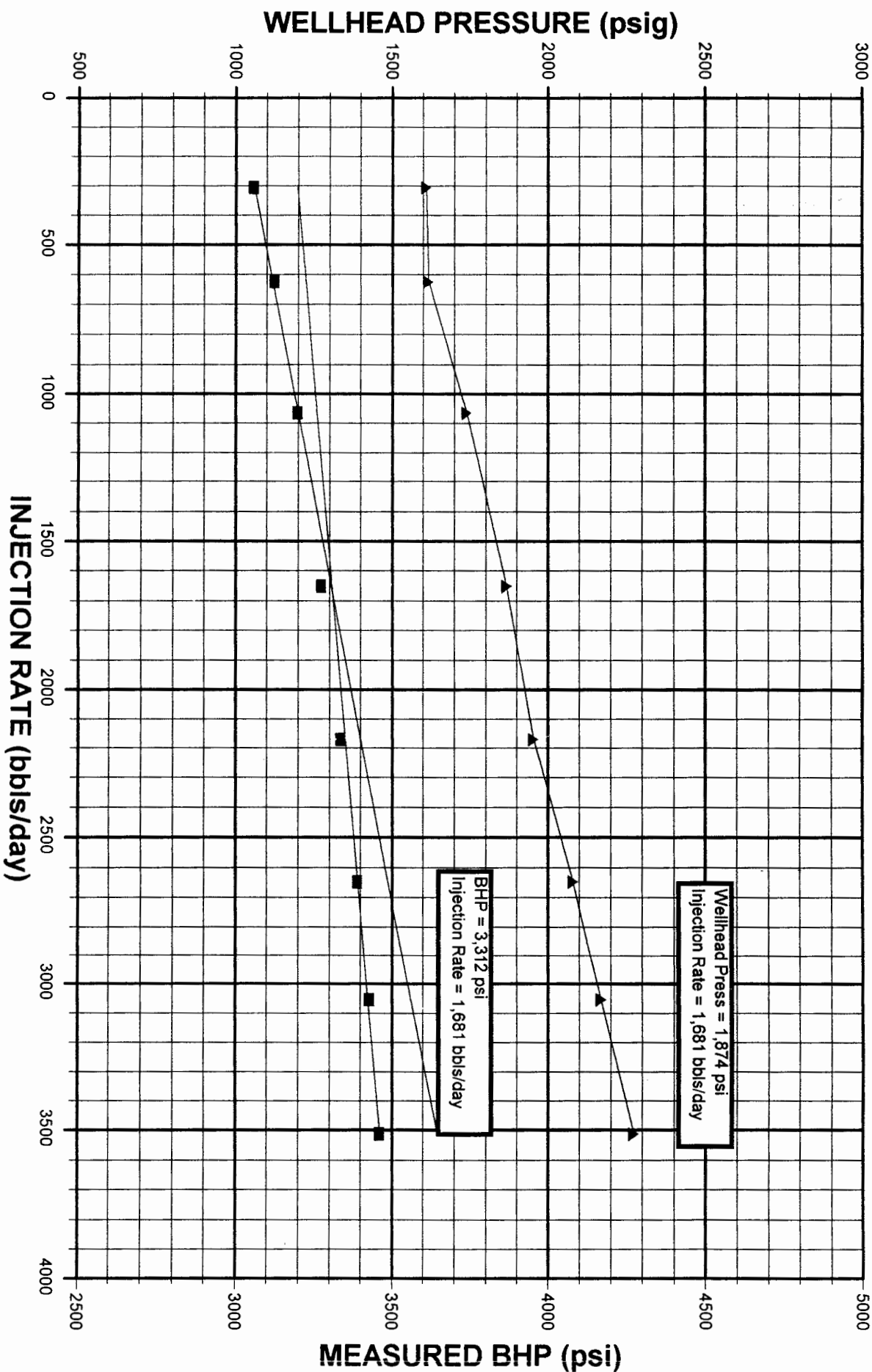
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	10:10	1546.9				1546.9		3005.8
	10:15	1549.5	1.0	288.0	2.906	1546.6	8.40	3029.9
	10:20	1594.5	2.1	316.8	3.467	1591.0	9.24	3046.4
1	10:25	1610.7	3.2	316.8	3.467	1607.2	9.24	3059.2
				307.2				
	10:30	1605.7	5.4	633.6	12.498	1593.2	18.48	3087.5
	10:35	1627.0	7.5	604.8	11.467	1615.5	17.64	3107.1
2	10:40	1618.3	9.7	633.6	12.498	1605.8	18.48	3123.4
				624.0				
	10:45	1703.2	13.3	1036.8	31.082	1672.1	30.24	3155.6
	10:50	1713.2	17.0	1065.6	32.698	1680.5	31.08	3178.3
3	10:55	1740.7	20.8	1094.4	34.352	1706.3	31.92	3198.0
				1065.6				
	11:00	1824.4	26.6	1670.4	75.109	1749.3	48.72	3231.7
	11:05	1791.9	32.3	1641.6	72.731	1719.2	47.88	3255.6
4	11:10	1869.4	38.0	1641.6	72.731	1796.7	47.88	3273.7
				1651.2				
	11:15	1913.1	45.5	2160.0	120.841	1792.3	63.00	3301.4
	11:20	1926.8	53.1	2188.8	123.839	1803.0	63.84	3320.1
5	11:25	1955.5	60.6	2160.0	120.841	1834.7	63.00	3336.1
				2169.6				
	11:30	2046.7	69.8	2649.6	176.343	1870.4	77.28	3359.4
	11:35	2069.2	79.0	2649.6	176.343	1892.9	77.28	3375.4
6	11:40	2081.8	88.2	2649.6	176.343	1905.5	77.28	3389.6
				2649.6				
	11:45	2139.3	98.9	3081.6	233.191	1906.1	89.88	3406.1
	11:50	2161.9	109.4	3024.0	225.191	1936.7	88.20	3417.7
7	11:55	2170.7	120.0	3052.8	229.175	1941.5	89.04	3428.4
				3052.8				

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)
8 FALLOFF	12:00	2258.2	132.2	3513.6	297.246	1961.0	102.48	3442.3
	12:05	2270.0	144.4	3513.6	297.246	1972.8	102.48	3452.1
	12:10	2273.3	156.6	3513.6 3513.6	297.246	1976.1	102.48	3461.0
	12:11	1958.4				1958.4		3450.4
	12:12	1942.9				1942.9		3445.5
	12:13	1939.7				1939.7		3441.3
	12:14	1937.2				1937.2		3437.9
	12:15	1933.4				1933.4		3435.4
	12:20	1921.0				1921.0		3423.3
	12:25	1911.0				1911.0		3412.7

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 87
Eddy County, New Mexico



WEST - TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 18, 1997

WELL NAME: SKELLY UNIT NO. 93
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1337

PERFS = 3228-3579

PACKER DEPTH = 3147

BHP GAUGE DEPTH = 3433

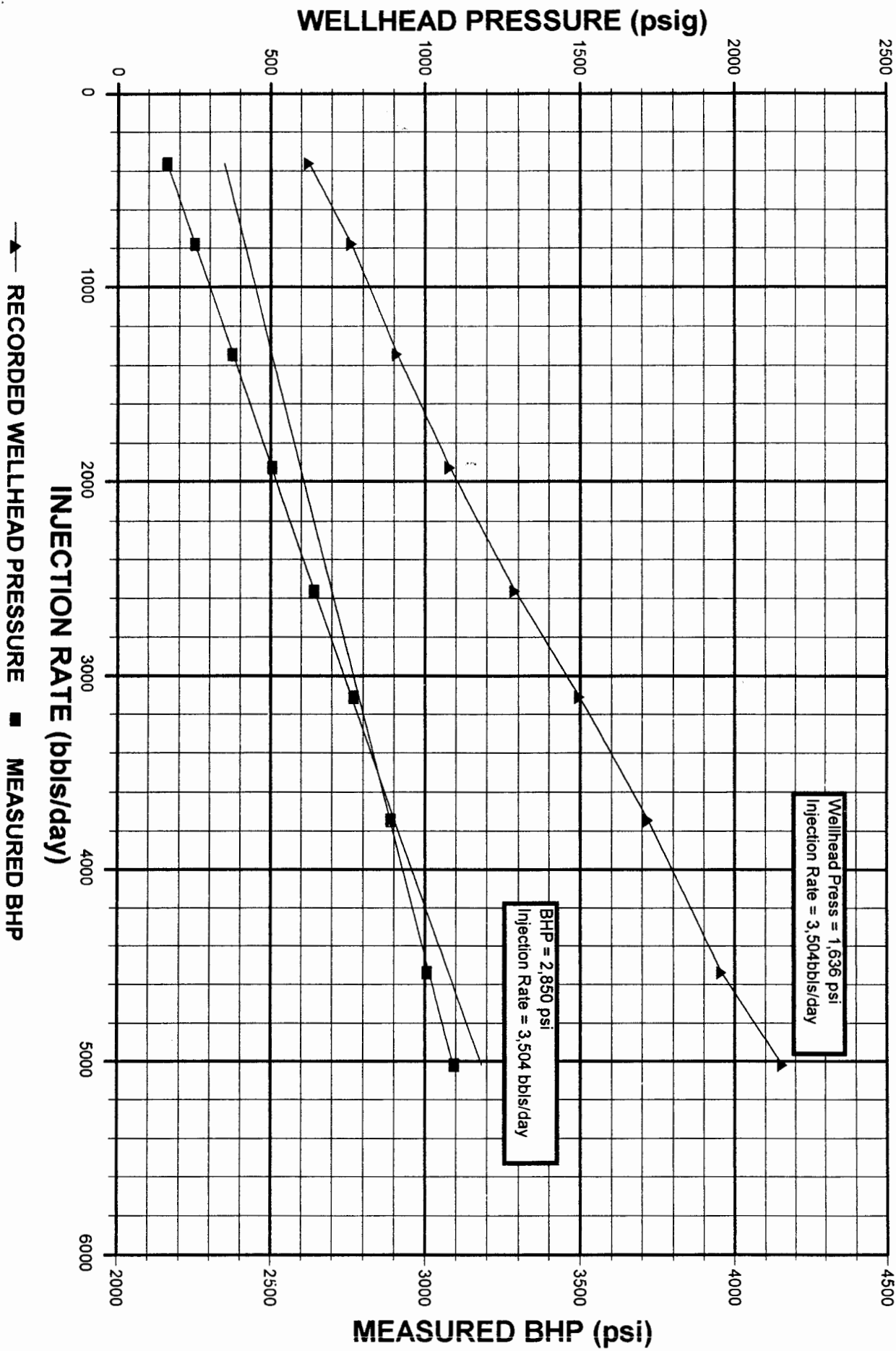
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/54.2637	(7) MEASURED BHP (psi)
1	9:40	534.7				534.7		2073.10
	9:45	614.5	1.2	345.6	1.554	612.9	10.08	2136.20
	9:50	608.3	2.5	374.4	1.802	606.5	10.92	2152.10
	9:55	625.8	3.8	374.4	1.802	624.0	10.92	2160.90
				364.8				
2	10:00	700.6	6.5	777.6	6.968	693.6	22.68	2210.00
	10:05	715.6	9.2	777.6	6.968	708.6	22.68	2232.30
	10:10	764.2	11.9	777.6	6.968	757.2	22.68	2251.50
				777.6				
	10:15	847.6	16.5	1324.8	18.671	828.9	38.64	2316.00
3	10:20	911.2	21.2	1353.6	19.428	891.8	39.48	2348.70
	10:25	912.5	25.9	1353.6	19.428	893.1	39.48	2374.20
				1344.0				
	10:30	1032.1	32.6	1929.6	37.436	994.7	56.28	2442.10
	10:35	1072.1	39.3	1929.6	37.436	1034.7	56.28	2477.60
4	10:40	1082.1	46.0	1929.6	37.436	1044.7	56.28	2506.10
				1929.6				
	10:45	1235.7	54.9	2563.2	63.303	1172.4	74.76	2575.50
	10:50	1273.2	63.8	2563.2	63.303	1209.9	74.76	2612.60
	10:55	1290.7	72.7	2563.2	63.303	1227.4	74.76	2642.80
5				2563.2				
	11:00	1430.6	83.4	3081.6	89.005	1341.6	89.88	2704.20
	11:05	1469.3	94.2	3110.4	90.550	1378.7	90.72	2740.10
	11:10	1498.1	105.1	3139.2	92.107	1406.0	91.56	2770.40
				3110.4				
6	11:15	1659.2	118.0	3715.2	125.790	1533.4	108.36	2828.50
	11:20	1689.2	131.1	3772.8	129.422	1559.8	110.04	2862.10
	11:25	1720.4	144.1	3744.0	127.600	1592.8	109.20	2890.90
				3744.0				
				3744.0				

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)
8	11:30	1922.7	159.8	4521.6	180.913	1741.8	131.88	2946.50
	11:35	1947.7	175.6	4550.4	183.051	1764.6	132.72	2980.90
	11:40	1957.6	191.4	4550.4 4540.8	183.051	1774.5	132.72	3008.90
9	11:45	2118.8	208.8	5011.2	218.812	1900.0	146.16	3048.40
	11:50	2126.3	226.2	5011.2	218.812	1907.5	146.16	3074.00
	11:55	2158.8	243.7	5040.0 5020.8	221.145	1937.7	147.00	3096.50
FALLOFF	11:56	1499.3				1499.3		3043.50
	11:57	1479.3				1479.3		3020.60
	11:58	1461.8				1461.8		3001.90
	11:59	1445.6				1445.6		2986.50
	12:00	1431.9				1431.9		2972.70
	12:05	1375.7				1375.7		2916.90
	12:10	1332.0				1332.0		2873.40

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 93
Eddy County, New Mexico



WEST-TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 19, 1997

WELL NAME: SKELLY UNIT NO. 86
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1334

PERFS = 3538-3741

PACKER DEPTH = 3486

BHP GAUGE DEPTH = 3640

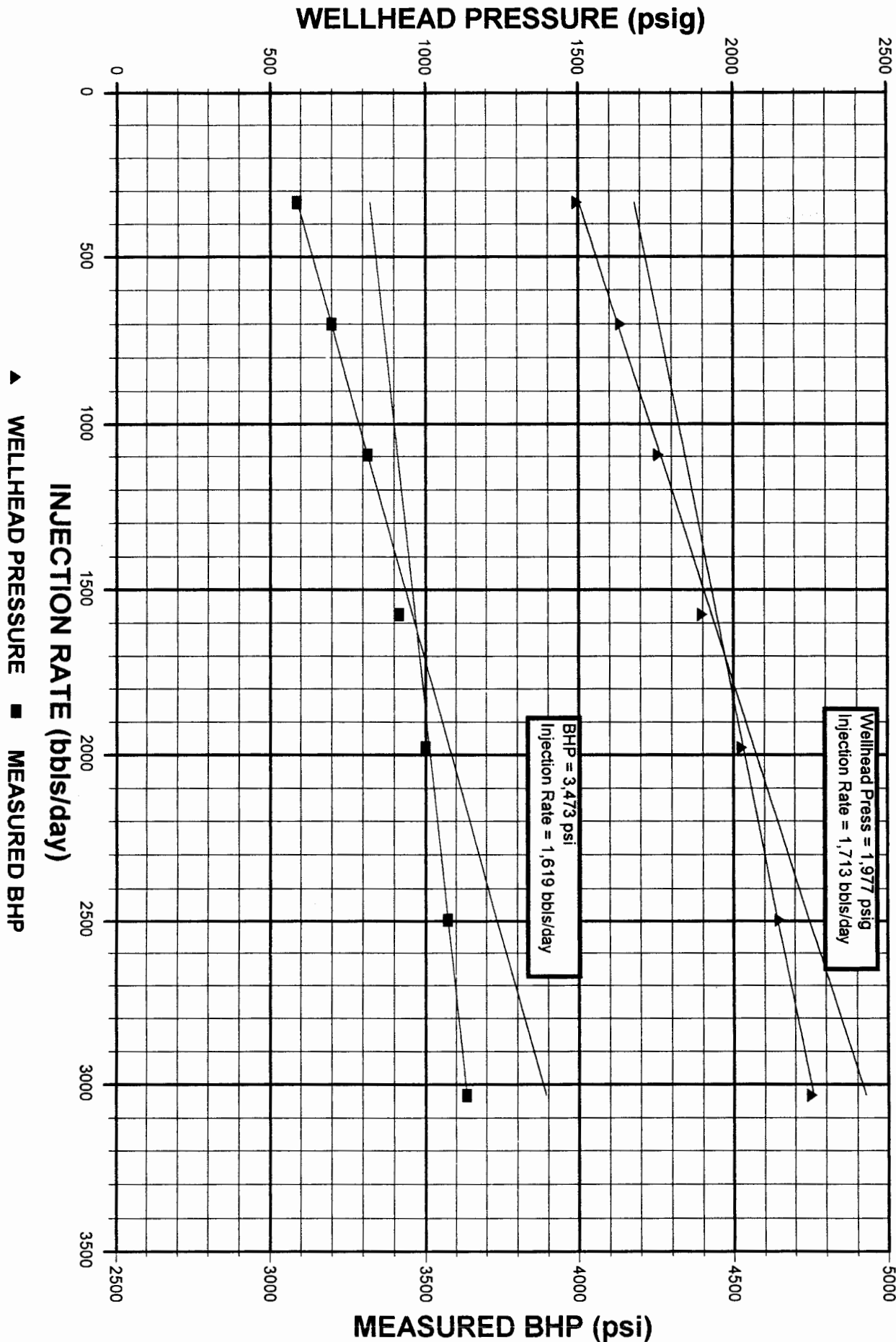
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34,2637	(7) MEASURED BHP (psi)
1	9:35	1373.1				1373.1		2988.6
	9:40	1400.6	1.2	345.6	4.399	1396.2	10.08	3040.1
	9:45	1446.9	2.4	345.6	4.399	1442.5	10.08	3066.2
	9:50	1498.1	3.5	316.8	3.745	1494.4	9.24	3089.5
				336.0				
2	9:55	1575.2	6.0	720.0	17.101	1558.1	21.00	3144.1
	10:00	1571.8	8.3	662.4	14.656	1557.1	19.32	3174.0
	10:05	1639.2	10.8	720.0	17.101	1622.1	21.00	3202.4
				700.8				
3	10:10	1700.4	14.5	1065.6	35.318	1665.1	31.08	3254.5
	10:15	1732.9	18.3	1094.4	37.104	1695.8	31.92	3289.1
	10:20	1759.1	22.2	1123.2	38.931	1720.2	32.76	3315.4
				1094.4				
4	10:25	1834.1	27.6	1555.2	71.081	1763.0	45.36	3363.6
	10:30	1847.8	33.1	1584.0	73.535	1774.3	46.20	3393.5
	10:35	1900.3	38.6	1584.0	73.535	1826.8	46.20	3417.3
				1574.4				
METER STOPPED - CHANGED METER			RE-ZERO					
5	10:50	1981.6	6.4	1843.2	97.332	1884.3	53.76	3460.3
	10:55	2007.8	13.5	2044.8	117.937	1889.9	59.64	3483.0
	11:00	2029.0	20.6	2044.8	117.937	1911.1	59.64	3503.0
				1977.6				
6	11:05	2114.0	29.2	2476.8	168.130	1945.9	72.24	3538.2
	11:10	2156.5	37.9	2505.6	171.764	1984.7	73.08	3557.0
	11:15	2152.8	46.6	2505.6	171.764	1981.0	73.08	3574.1
				2496.0				

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)
7 FALLOFF	11:20	2271.5	57.2	3052.8	247.536	2024.0	89.04	3607.5
	11:25	2274.0	67.7	3024.0	243.233	2030.8	88.20	3623.0
	11:30	2255.3	78.2	3024.0	243.233	2012.1	88.20	3636.1
			TTL BBLs 116.8	3033.6				
	11:32	2015.3				2015.3		3592.9
	11:33	1961.6				1961.6		3587.1
	11:34	1957.8				1957.8		3585.8
	11:35	1956.6				1956.6		3583.7
	11:40	1949.1				1949.1		3577.7
	11:45	1944.1				1944.1		3572.6

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 86
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 16, 1997

WELL NAME: SKELLY UNIT NO. 68
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1329

PERFS = 3155-3419

PACKER DEPTH = 3473

BHP GAUGE DEPTH = 3287

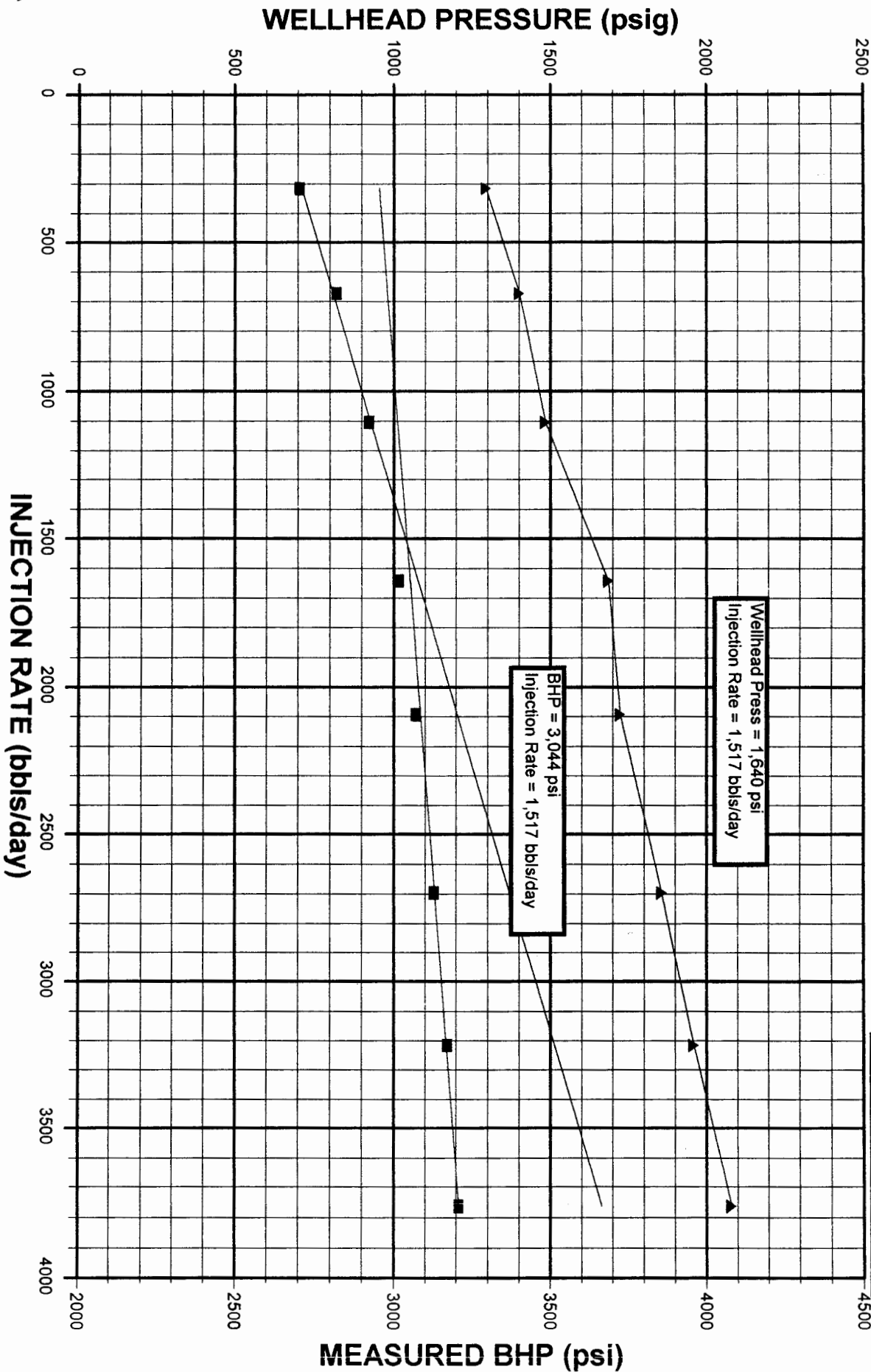
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:30	1157.8				1157.8		2567.3
	9:35	1257.8	1.2	345.6	3.972	1253.8	10.08	2657.2
	9:40	1292.8	2.3	316.8	3.381	1289.4	9.24	2687.0
	9:45	1296.6	3.3	288.0	2.835	1293.8	8.40	2705.4
				316.8				
2	9:50	1379.1	5.8	720.0	15.442	1363.7	21.00	2773.0
	9:55	1361.7	7.9	604.8	11.185	1350.5	17.64	2799.4
	10:00	1401.7	10.3	691.2	14.319	1387.4	20.16	2822.7
3				672.0				
	10:05	1451.7	14.1	1094.4	33.506	1418.2	31.92	2877.6
	10:10	1476.7	17.9	1094.4	33.506	1443.2	31.92	2902.6
	10:15	1485.5	21.8	1123.2	35.155	1450.3	32.76	2924.3
4				1104.0				
	10:20	1591.7	27.9	1756.8	80.423	1511.3	51.24	2967.7
	10:25	1606.8	33.2	1526.4	62.006	1544.8	44.52	2991.2
	10:30	1686.8	38.9	1641.6	70.940	1615.9	47.88	3018.9
5				1641.6				
	10:35	1704.2	46.1	2073.6	109.291	1594.9	60.48	3039.0
	10:40	1720.5	53.4	2102.4	112.116	1608.4	61.32	3057.2
	10:45	1724.2	60.7	2102.4	112.116	1612.1	61.32	3072.8
6				2092.8				
	10:50	1815.4	70.0	2678.4	175.475	1639.9	78.12	3102.3
	10:55	1845.3	79.4	2707.2	178.981	1666.3	78.96	3117.9
	11:00	1856.6	88.8	2707.2	178.981	1677.6	78.96	3129.4
7				2697.6				
	11:05	1939.0	100.1	3254.4	251.603	1687.4	94.92	3150.7
	11:10	1946.4	111.1	3168.0	239.385	1707.0	92.40	3162.1
	11:15	1960.1	122.3	3225.6	247.499	1712.6	94.08	3172.1
				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)
8 FALLOFF	11:20	2062.6	135.4	3772.8	330.729	1731.9	110.04	3191.1
	11:25	2072.5	148.5	3772.8	330.729	1741.8	110.04	3201.0
	11:30	2081.3	161.5	3744.0 3763.2	326.074	1755.2	109.20	3207.9
	11:31	1706.6				1706.6		3170.6
	11:32	1704.1				1704.1		3165.6
	11:33	1701.6				1701.6		3160.7
	11:34	1697.8				1697.8		3158.3
	11:35	1694.1				1694.1		3155.8
	11:40	1684.1				1684.1		3145.3
	11:45	1677.8				1677.8		3138.8

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 68
Eddy County, New Mexico



▲ RECORDED WELLHEAD PRESSURE ■ MEASURED BHP

WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 17, 1997

WELL NAME: SKELLY UNIT NO. 74
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1330

PERFS = 3028-3431

PACKER DEPTH = 2961

BHP GAUGE DEPTH = 3130

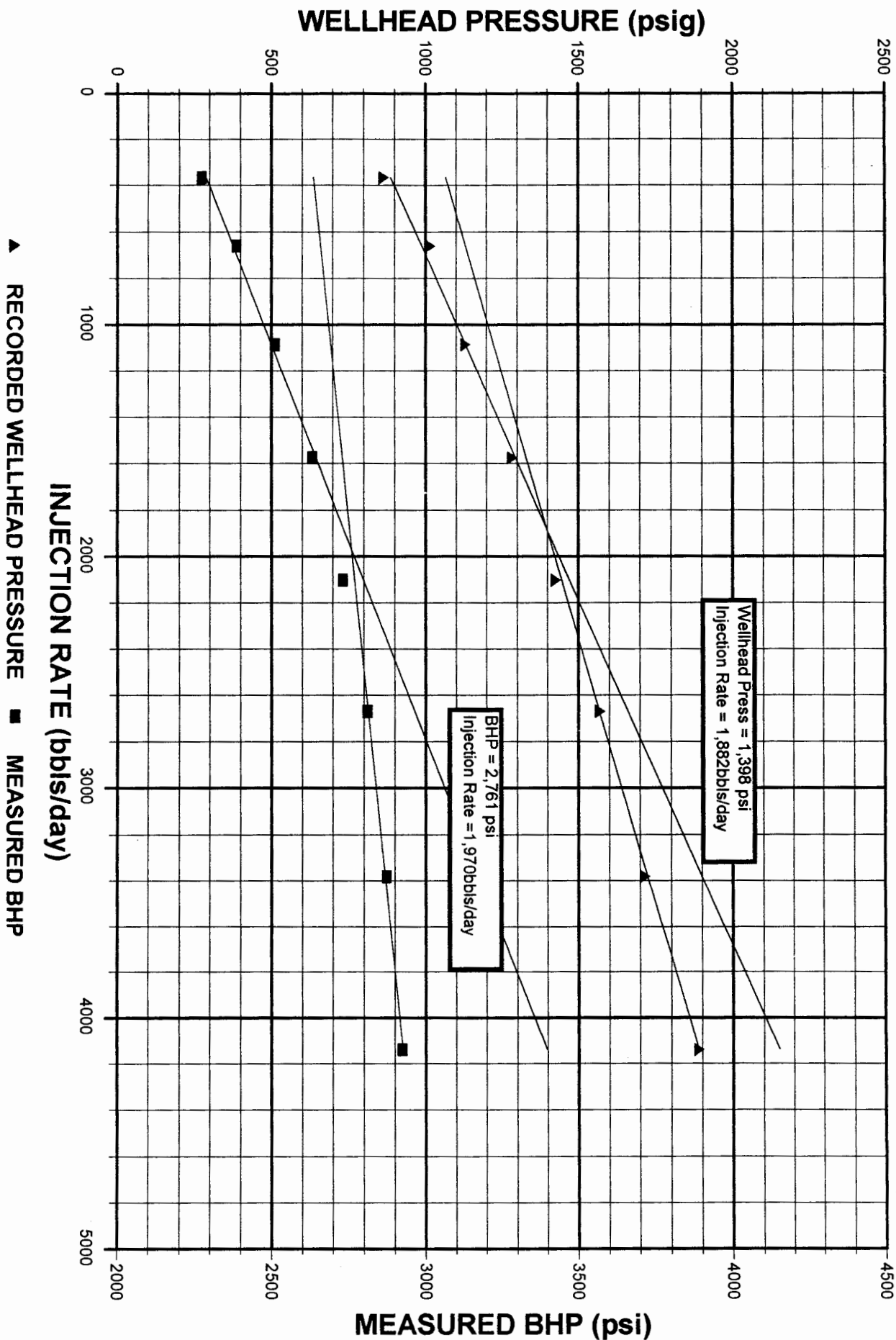
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2057	(7) MEASURED BHP (psi)
1	9:30	759.0				759.0		2171.2
	9:35	801.4	1.3	374.4	4.386	797.0	10.92	2222.2
	9:40	851.2	2.5	345.6	3.782	847.4	10.08	2253.0
	9:45	866.2	3.8	374.4	4.386	861.8	10.92	2275.7
				364.8				
2	9:50	875.0	6.1	662.4	12.603	862.4	19.32	2322.4
	9:55	946.0	8.4	662.4	12.603	933.4	19.32	2356.9
	10:00	1018.0	10.7	662.4	12.603	1005.4	19.32	2388.4
				662.4				
3	10:05	1032.0	14.5	1094.4	31.905	1000.1	31.92	2442.2
	10:10	1108.2	18.2	1065.6	30.370	1077.8	31.08	2481.5
	10:15	1133.2	22.0	1094.4	31.905	1101.3	31.92	2514.2
				1084.8				
4	10:20	1218.2	27.5	1584.0	63.232	1155.0	46.20	2565.8
	10:25	1239.4	32.9	1555.2	61.121	1178.3	45.36	2603.5
	10:30	1285.7	38.4	1584.0	63.232	1222.5	46.20	2634.3
				1574.4				
5	10:35	1373.1	45.7	2102.4	106.761	1266.3	61.32	2677.1
	10:40	1390.6	53.0	2102.4	106.761	1283.8	61.32	2708.2
	10:45	1426.9	60.3	2102.4	106.761	1320.1	61.32	2733.4
				2102.4				
6	10:50	1515.6	70.0	2793.6	180.631	1335.0	81.48	2767.3
	10:55	1544.3	78.8	2534.4	150.854	1393.4	73.92	2792.1
	11:00	1571.8	88.1	2678.4	167.093	1404.7	78.12	2812.0
				2668.8				
7	11:05	1678.0	99.8	3369.6	255.511	1422.5	98.28	2840.0
	11:10	1707.9	111.5	3369.6	255.511	1452.4	98.28	2859.6
	11:15	1717.9	123.3	3398.4	259.566	1458.3	99.12	2875.2
				3379.2				

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)
8 FALLOFF	11:20	1861.6	137.5	4089.6	365.594	1496.0	119.28	2895.8
	11:25	1877.8	151.9	4147.2	375.177	1502.6	120.96	2912.0
	11:30	1891.5	166.4	4176.0	380.011	1511.5	121.80	2925.2
				4137.6				
	11:31	1505.6				1505.6		2912.8
	11:32	1495.6				1495.6		2908.7
	11:33	1491.8				1491.8		2905.3
	11:34	1489.3				1489.3		2902.8
	11:35	1486.8				1486.8		2900.3
	11:40	1476.8				1476.8		2890.4
	11:45	1469.3				1469.3		2883.1

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 74
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 15, 1997

WELL NAME: SKELLY UNIT 64
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1326

PERFS = 2907-3586

PACKER DEPTH = 2820

BHP GAUGE DEPTH = SURFACE ONLY

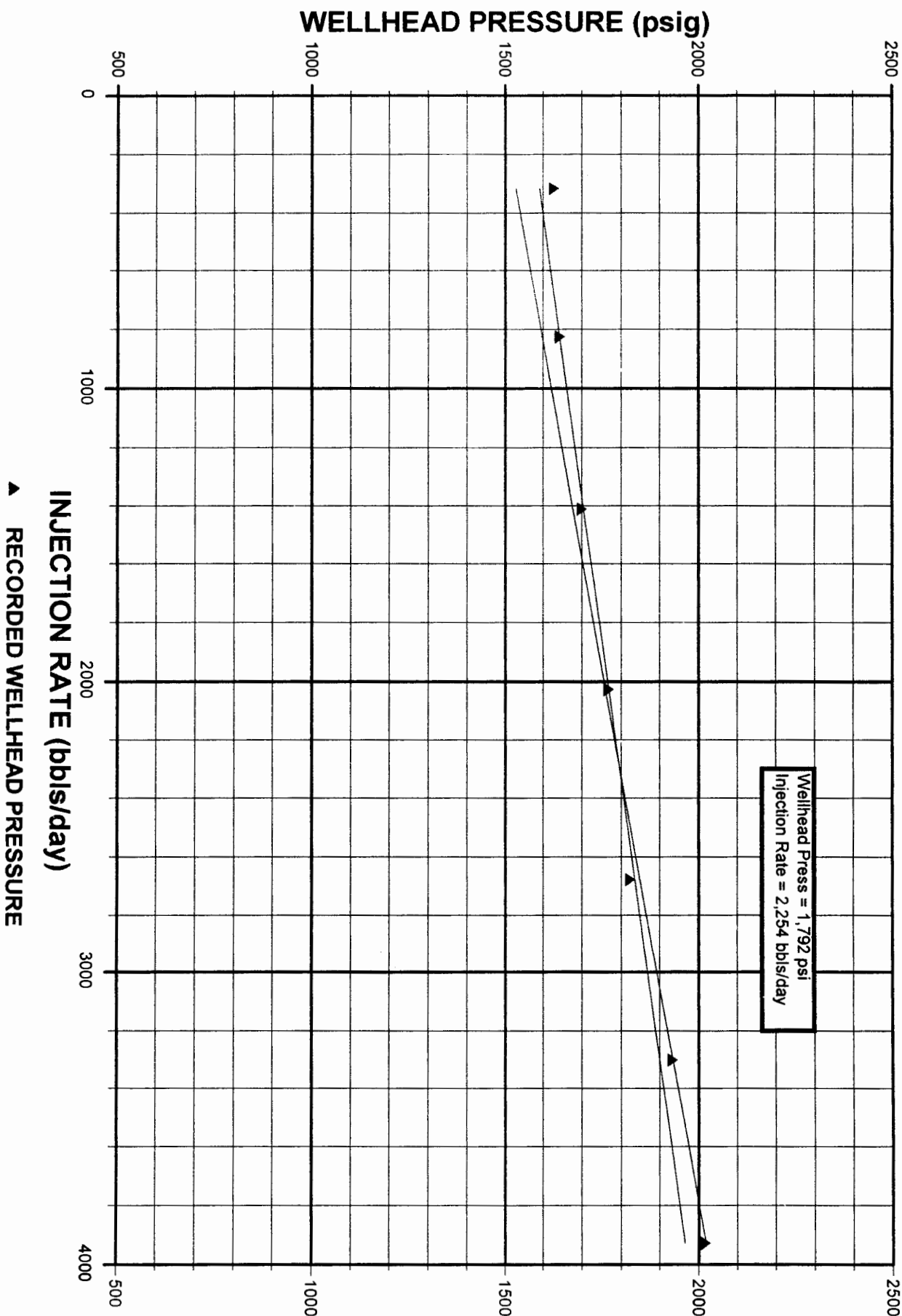
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	10:20	1579.2				1579.2		
	10:25	1601.0	1.6	460.8	6.681	1594.3	13.44	
	10:30	1625.0	3.4	518.4	8.307	1616.7	15.12	
	10:35	1632.9	5.0	460.8	6.681	1626.2	13.44	
				480.0				
2	10:40	1670.0	8.0	864.0	21.374	1648.6	25.20	
	10:45	1687.8	10.9	835.2	20.074	1667.7	24.36	
	10:50	1689.1	13.9	864.0	21.374	1667.7	25.20	
3				854.4				
	10:55	1729.0	18.5	1324.8	47.131	1681.9	38.64	
	11:00	1732.7	23.1	1324.8	47.131	1685.6	38.64	
	11:05	1734.0	27.7	1324.8	47.131	1686.9	38.64	
4				1324.8				
	11:10	1777.7	33.8	1756.8	79.444	1698.3	51.24	
	11:15	1777.6	40.4	1900.8	91.909	1685.7	55.44	
	11:20	1758.9	46.8	1843.2	86.823	1672.1	53.76	
				1833.6				
SHUT DOWN - PUMP TROUBLE								
FALLOFF	11:30	1667.8				1667.8		
	11:31	1634.1				1634.1		
	11:32	1625.3				1625.3		
	11:33	1622.8				1622.8		
	11:34	1621.6				1621.6		
	11:35	1620.3				1620.3		
	11:40	1617.8				1617.8		
	11:45	1616.6				1616.6		

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 64
Eddy County, New Mexico

Wellhead Press = 1,792 psi
Injection Rate = 2,254 bbls/day



WEST-TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 12, 1997

WELL NAME: SKELLY UNIT NO. 65
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1327

PERFS = 3007-3320

PACKER DEPTH = 2958

BHP GAUGE DEPTH = 3164

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)/34.2837	(7) MEASURED BHP (psi)
1	9:40	1264.1				1264.1		2655.5
	9:45	1304.2	0.9	259.2	2.245	1302.0	7.56	2690.6
	9:50	1311.8	1.9	288.0	2.729	1309.1	8.40	2707.2
	9:55	1329.4	2.9	288.0	2.729	1326.7	8.40	2720.1
2				278.4				
	10:00	1370.6	5.3	691.2	13.783	1356.8	20.16	2773.9
	10:05	1418.1	7.8	720.0	14.864	1403.2	21.00	2802.7
	10:10	1431.9	10.2	691.2	13.783	1418.1	20.16	2825.2
3				700.8				
	10:15	1525.6	14.5	1238.4	40.539	1485.1	36.12	2895.3
	10:20	1563.0	19.0	1296.0	44.096	1518.9	37.80	2933.0
	10:25	1590.5	23.4	1267.2	42.300	1548.2	36.96	2961.9
4				1267.2				
	10:30	1686.7	29.5	1756.8	77.414	1609.3	51.24	3017.5
	10:35	1715.4	35.5	1728.0	75.082	1640.3	50.40	3051.6
	10:40	1745.3	41.8	1814.4	82.175	1663.1	52.92	3077.1
5				1766.4				
	10:45	1845.2	49.7	2275.2	124.901	1720.3	66.36	3126.7
	10:50	1891.4	57.7	2304.0	127.842	1763.6	67.20	3153.3
	10:55	1903.9	65.7	2304.0	127.842	1776.1	67.20	3175.5
6				2294.4				
	11:00	1973.8	75.0	2678.4	168.908	1804.9	78.12	3208.3
	11:05	1985.0	84.7	2793.6	182.593	1802.4	81.48	3227.3
	11:10	2025.0	94.4	2793.6	182.593	1842.4	81.48	3246.1
7				2755.2				
	11:15	2128.7	105.9	3312.0	250.178	1878.5	96.60	3272.4
	11:20	2152.5	117.7	3398.4	262.385	1890.1	99.12	3286.5
	11:25	2153.7	129.4	3369.6	258.286	1895.4	98.28	3294.1
				3360.0				

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)
	11:30	2298.7	143.1	3945.6	345.852	1952.8	115.08	3318.9
	SHUT - DOWN PUMPING AIR - TRASH IN PUMP							
FALLOFF	11:36	1877.6				1877.6		3270.3
	11:37	1837.7				1837.7		3248.4
	11:38	1821.4				1821.4		3231.7
	11:39	1807.7				1807.7		3218.3
	11:40	1796.5				1796.5		3206.1
	11:45	1750.3				1750.3		3161.3
	11:50	1720.3				1720.3		3131.3

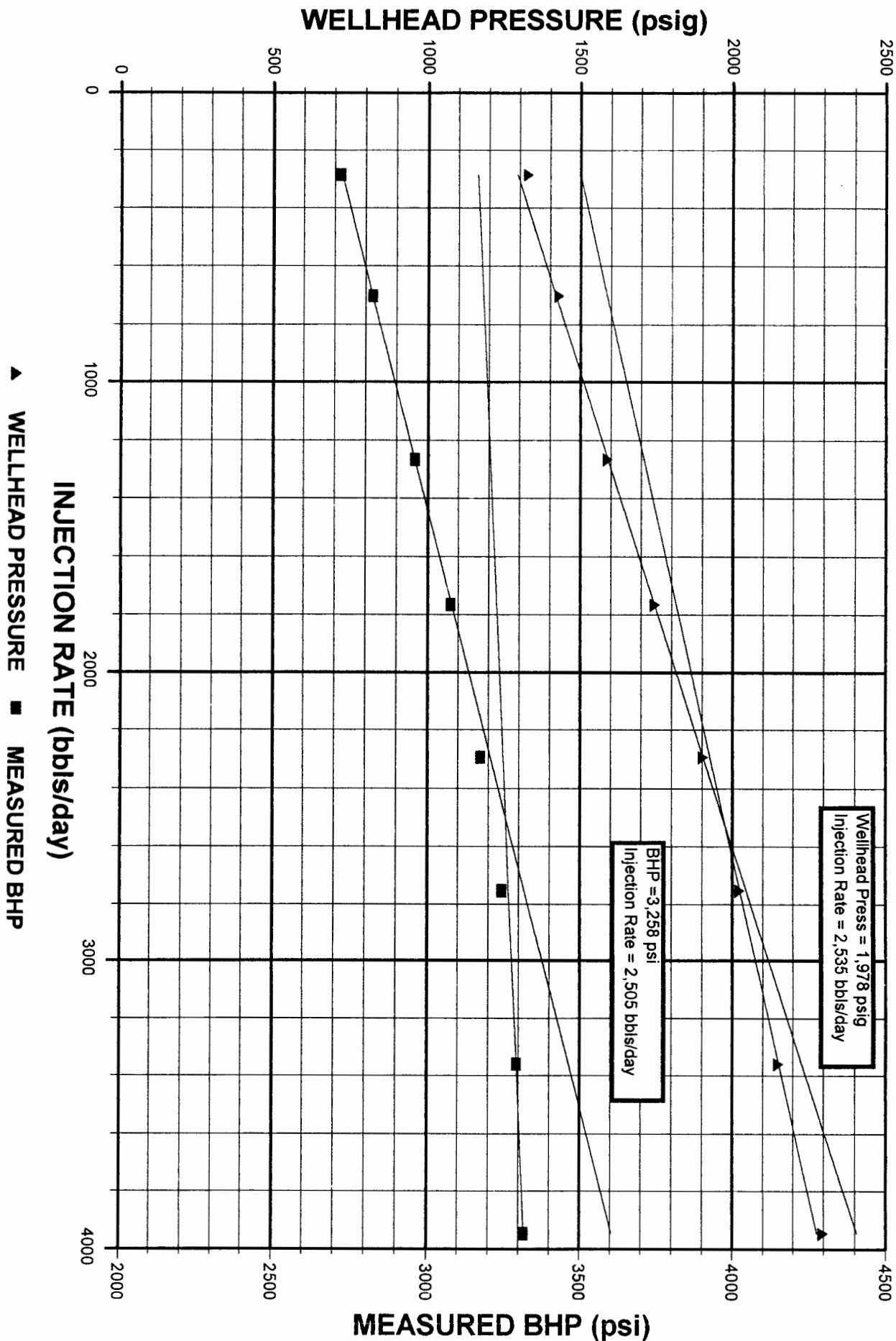
STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 65
Eddy County, New Mexico

Wellhead Press = 1,978 psig
Injection Rate = 2,535 bbls/day

BHP = 3,258 psi
Injection Rate = 2,505 bbls/day



WEST-TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 10, 1997

WELL NAME: SKELLY UNIT NO. 45
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1319

PERFS - 3181-3804

PACKER DEPTH - 3108

BHP GAUGE DEPTH - 3493

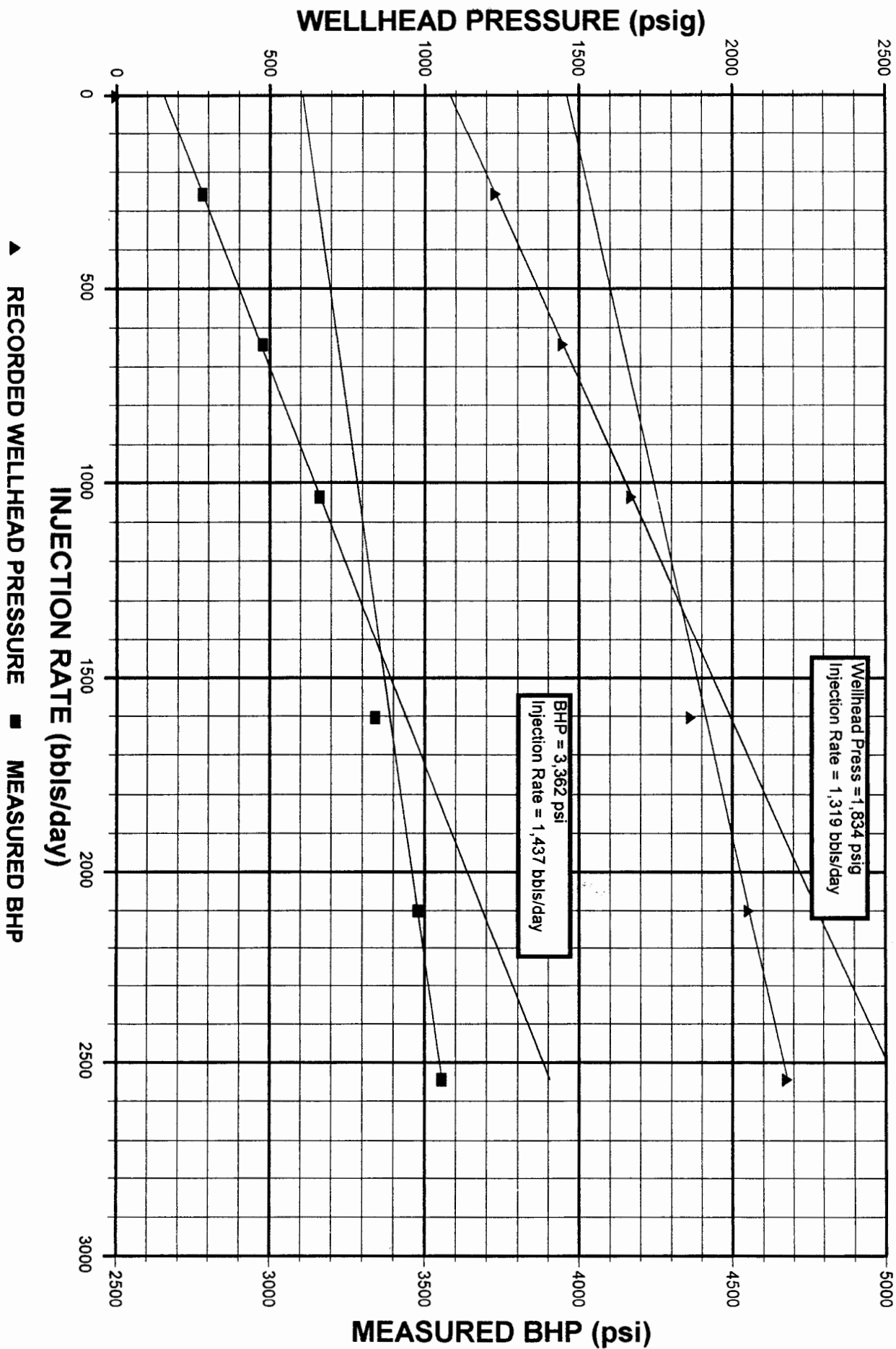
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:55	1090.1				1090.1		2642.6
	10:00	1158.9	1.0	288.0	3.012	1155.9	8.40	2724.8
	10:05	1218.9	1.8	230.4	1.994	1216.9	6.72	2755.2
	10:10	1230.2	2.7	259.2	2.479	1227.7	7.56	2780.2
				259.2				
2	10:15	1373.9	4.9	633.6	12.954	1360.9	18.48	2891.0
	10:20	1446.4	7.2	662.4	14.064	1432.3	19.32	2942.4
	10:25	1450.2	9.4	633.6	12.954	1437.2	18.48	2976.8
				643.2				
	10:30	1576.5	13.0	1036.8	32.217	1544.3	30.24	3076.5
3	10:35	1666.5	16.6	1036.8	32.217	1634.3	30.24	3122.6
	10:40	1672.8	20.2	1036.8	32.217	1640.6	30.24	3162.3
				1036.8				
	10:45	1816.6	25.6	1555.2	68.210	1748.4	45.36	3263.0
	10:50	1851.7	31.4	1670.4	77.850	1773.8	48.72	3316.2
4	10:55	1865.5	36.9	1584.0	70.565	1794.9	46.20	3343.5
				1603.2				
	11:00	1979.2	43.9	2016.0	110.243	1869.0	58.80	3409.6
	11:05	2034.2	51.3	2131.2	122.179	1912.0	62.16	3451.9
	11:10	2055.4	58.8	2160.0	125.251	1930.1	63.00	3479.3
5				2102.4				
	11:15	2160.4	67.5	2505.6	164.828	1995.6	73.08	3523.5
	11:20	2179.1	76.5	2592.0	175.496	2003.6	75.60	3546.2
	11:25	2180.3	85.3	2534.4	168.350	2012.0	73.92	3557.4
				2544.0				
SHUT-DOWN - PUMP SUCKING AIR - UNION LEAKING								

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psf)	(5) CORRECTED TUBING PRESS. (psf) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psf)
FALLOFF	11:30	1991.6				1991.6		3532.7
	11:31	1955.3				1955.3		3508.3
	11:32	1940.3				1940.3		3492.0
	11:33	1927.9				1927.9		3480.5
	11:34	1917.9				1917.9		3469.8
	11:35	1909.1				1909.1		3461.3
	11:40	1877.9				1877.9		3429.8
	11:45	1857.9				1857.9		3409.3

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 45
Eddy County, New Mexico



WEST-TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 9, 1997

WELL NAME: SKELLY UNIT NO. 43
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1318

PERFS - 3358-3748

PACKER DEPTH - 3100

BHP GAUGE DEPTH - 3500

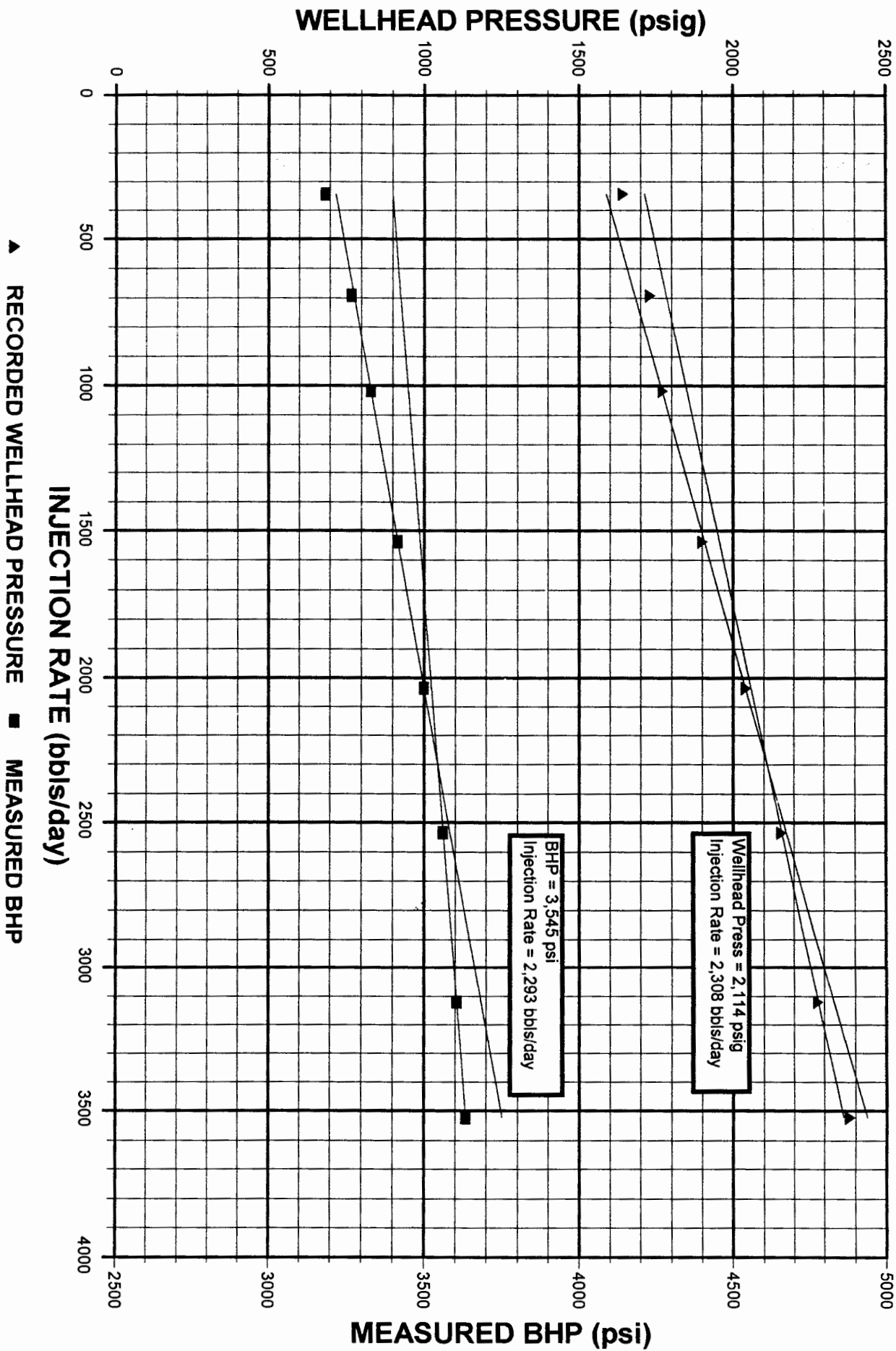
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/24.2857	(7) MEASURED BHP (psi)
1	10:00	1576.7				1576.7		3106.8
	10:05	1628.0	1.2	345.6	4.229	1623.8	10.08	3158.2
	10:10	1641.7	2.4	345.6	4.229	1637.5	10.08	3174.9
	10:15	1645.4	3.6	345.6	4.229	1641.2	10.08	3184.4
				345.6				
2	10:20	1685.4	5.9	662.4	14.092	1671.3	19.32	3232.9
	10:25	1712.0	8.3	691.2	15.247	1696.8	20.16	3252.3
	10:30	1732.8	10.8	720.0	16.443	1716.4	21.00	3268.4
3				691.2				
	10:35	1745.2	14.3	1008.0	30.642	1714.6	29.40	3298.3
	10:40	1742.7	17.9	1036.8	32.281	1710.4	30.24	3316.1
	10:45	1772.7	21.4	1008.0	30.642	1742.1	29.40	3331.5
4				1017.6				
	10:50	1867.6	26.8	1555.2	68.347	1799.3	45.36	3383.3
	10:55	1886.2	32.1	1526.4	66.024	1820.2	44.52	3403.6
	11:00	1902.4	37.4	1526.4	66.024	1836.4	44.52	3418.1
				1536.0				
5	11:05	2019.7	44.4	2016.0	110.464	1909.2	58.80	3470.8
	11:10	2034.7	51.5	2044.8	113.401	1921.3	59.64	3487.7
	11:15	2044.7	58.6	2044.8	113.401	1931.3	59.64	3501.5
6				2035.2				
	11:20	2135.9	67.3	2505.6	165.158	1970.7	73.08	3539.6
	11:25	2144.6	76.1	2534.4	168.687	1975.9	73.92	3552.5
	11:30	2160.9	85.0	2563.2	172.251	1988.6	74.76	3562.2
				2534.4				
7	11:35	2268.4	95.8	3110.4	246.390	2022.0	90.72	3589.8
	11:40	2277.1	106.6	3110.4	246.390	2030.7	90.72	3598.7
	11:45	2280.8	117.5	3139.2	250.627	2030.2	91.56	3606.0
				3120.0				

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)
8 FALLOFF	11:50	2373.3	129.8	3542.4	313.410	2059.9	103.32	3623.8
	11:55	2375.8	142.1	3542.4	313.410	2062.4	103.32	3629.5
	12:00	2383.3	154.2	3484.8 3523.2	304.048	2079.3	101.64	3635.1
	12:01	2015.8				2015.8		3577.6
	12:02	2005.8				2005.8		3569.5
	12:03	2000.0				2000.0		3564.7
	12:04	1995.9				1995.9		3559.8
	12:05	1990.9				1990.9		3555.7
	12:10	1974.6				1974.6		3539.6
	12:15	1962.2				1962.2		3527.4

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 43
Eddy County, New Mexico



WEST - TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 8, 1997

WELL NAME: SKELLY UNIT NO. 54
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1324

PERFS = 2231-3788

PACKER DEPTH = 3112

BHP GAUGE DEPTH = 3010

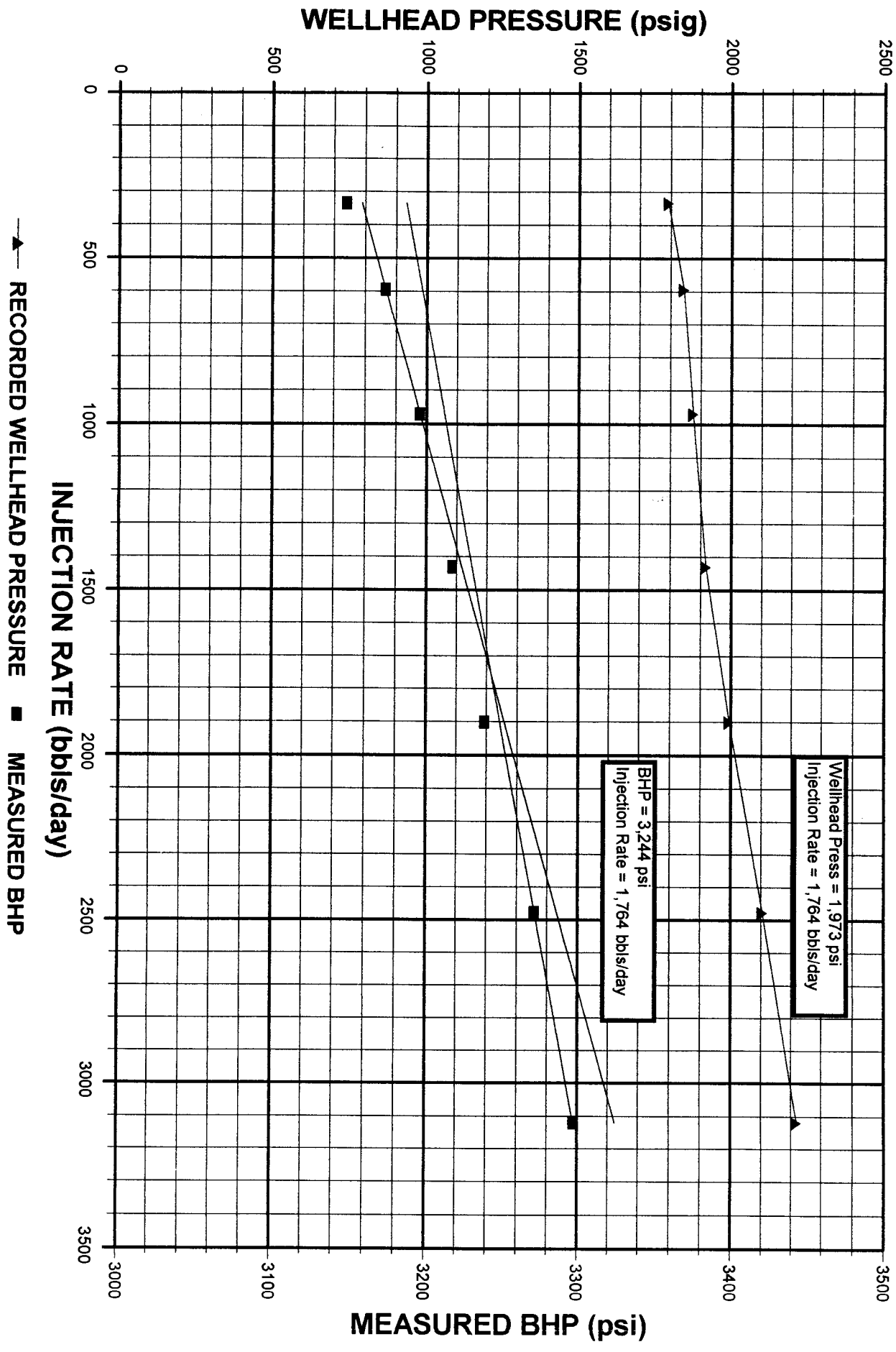
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	10:00	1774.1				1774.1		3122.3
	10:05	1792.8	1.1	316.8	3.096	1789.7	9.24	3136.5
	10:10	1801.6	2.3	345.6	3.637	1798.0	10.08	3142.1
	10:15	1792.8	3.5	345.6	3.637	1789.2	10.08	3148.2
				336.0				
2	10:20	1794.0	5.6	604.8	10.242	1783.8	17.64	3160.2
	10:25	1821.5	7.6	576.0	9.358	1812.1	16.80	3167.6
	10:30	1843.9	9.7	604.8	10.242	1833.7	17.64	3173.3
3				595.2				
	10:35	1865.1	13.2	1008.0	26.352	1838.7	29.40	3188.1
	10:40	1867.6	16.5	950.4	23.634	1844.0	27.72	3193.3
	10:45	1875.1	19.8	950.4	23.634	1851.5	27.72	3195.8
				969.6				
4	10:50	1907.5	24.8	1440.0	50.978	1856.5	42.00	3209.6
	10:55	1916.2	29.7	1411.2	49.108	1867.1	41.16	3208.7
	11:00	1918.7	34.7	1440.0	50.978	1867.7	42.00	3217.4
				1430.4				
5	11:05	1993.6	41.4	1929.6	87.604	1906.0	56.28	3231.8
	11:10	1999.8	47.9	1872.0	82.828	1917.0	54.60	3234.7
	11:15	1994.8	54.5	1900.8	85.201	1909.6	55.44	3238.6
				1900.8				
6	11:20	2099.7	63.1	2476.8	139.030	1960.7	72.24	3258.6
	11:25	2094.7	71.7	2476.8	139.030	1955.7	72.24	3261.5
	11:30	2106.0	80.3	2476.8	139.030	1967.0	72.24	3271.8
				2476.8				
7	11:35	2223.5	91.1	3110.4	211.895	2011.6	90.72	3287.0
	11:40	2227.2	101.9	3110.4	211.895	2015.3	90.72	3294.5
	11:45	2219.7	112.8	3139.2	215.539	2004.2	91.56	3297.3
				3120.0				

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) (5)/34.2657	(7) MEASURED BHP (psi)
FALLOFF	11:46	1892.4				1892.4		3255.9
	11:47	1886.1				1886.1		3246.9
	11:48	1879.9				1879.9		3240.4
	11:49	1873.6				1873.6		3234.7
	11:50	1869.9				1869.9		3229.8
	11:55	1856.2				1856.2		3217.6
	12:00	1849.9				1849.9		3211.0

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 54
Eddy County, New Mexico



WEST-TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 5, 1997

WELL NAME: SKELLY UNIT NO. 53
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1323

PERFS = 3001-3411

PACKER DEPTH = 2963

BHP GAUGE DEPTH = 3206

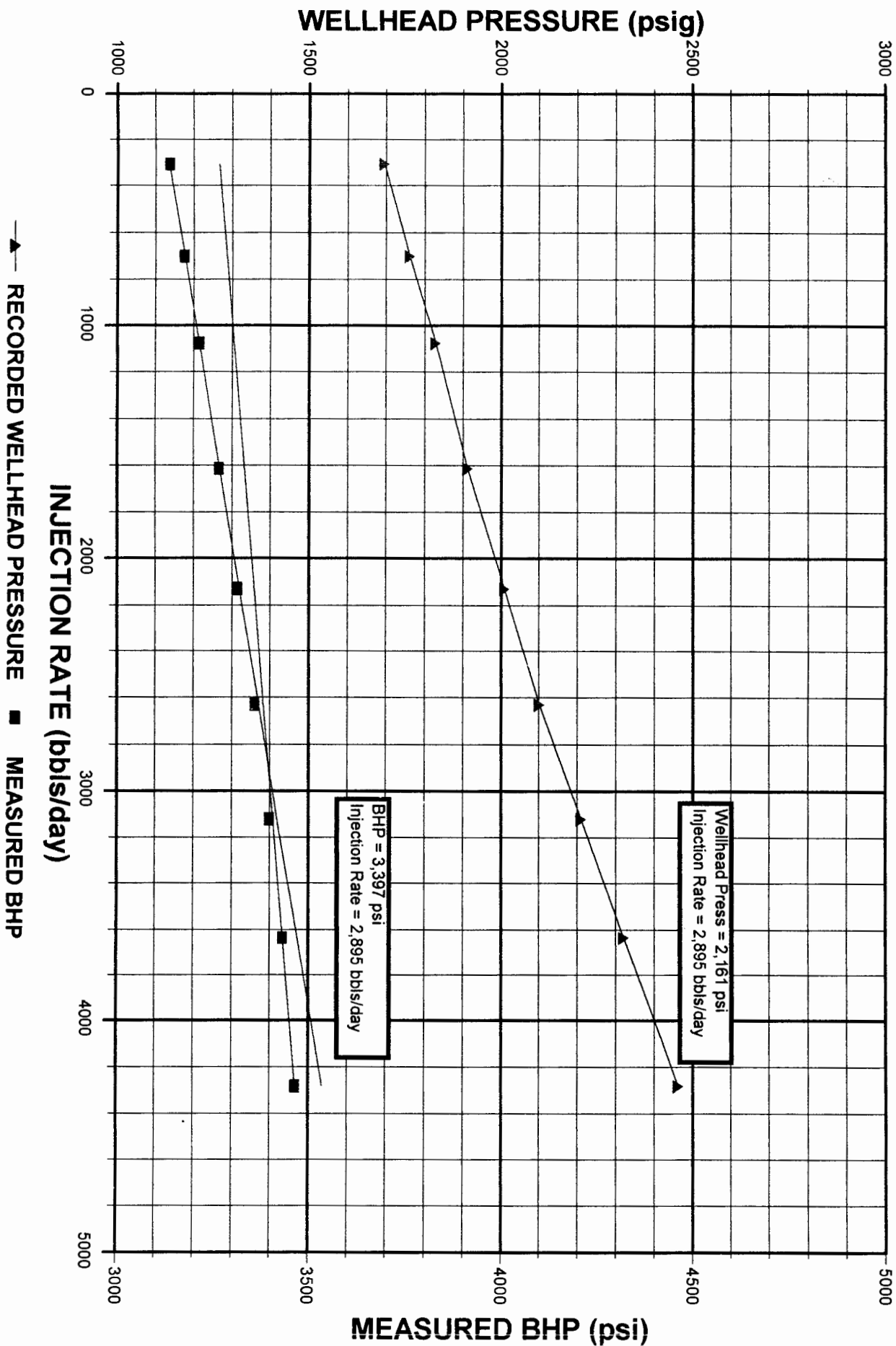
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2637	(7) MEASURED BHP (psi)
	9:40	1690.3				1690.3		3114.6
	9:45	1684.2	1.1	316.8	3.298	1680.9	9.24	3126.1
	9:50	1716.7	2.2	316.8	3.298	1713.4	9.24	3133.0
1	9:55	1695.5	3.2	288.0	2.765	1692.7	8.40	3138.5
				307.2				
	10:00	1779.2	5.6	691.2	13.966	1765.2	20.16	3154.7
	10:05	1778.0	8.1	720.0	15.062	1762.9	21.00	3164.6
2	10:10	1761.7	10.5	691.2	13.966	1747.7	20.16	3175.4
				700.8				
	10:15	1811.7	14.3	1094.4	32.680	1779.0	31.92	3193.9
	10:20	1824.2	18.0	1065.6	31.107	1793.1	31.08	3207.0
3	10:25	1829.2	21.7	1065.6	31.107	1798.1	31.08	3216.8
				1075.2				
	10:30	1890.4	27.3	1612.8	66.963	1823.4	47.04	3238.9
	10:35	1922.9	32.9	1612.8	66.963	1855.9	47.04	3254.4
4	10:40	1912.9	38.5	1612.8	66.963	1845.9	47.04	3267.5
				1612.8				
	10:45	1985.3	46.2	2217.6	120.696	1864.6	64.68	3288.4
	10:50	1995.3	53.4	2073.6	106.598	1888.7	60.48	3302.8
5	10:55	2010.2	60.7	2102.4	109.353	1900.8	61.32	3316.2
				2131.2				
	11:00	2089.0	70.1	2707.2	174.571	1914.4	78.96	3335.0
	11:05	2110.2	79.0	2563.2	157.781	1952.4	74.76	3349.0
6	11:10	2101.4	88.1	2620.8	164.403	1937.0	76.44	3361.9
				2630.4				
	11:15	2185.2	98.8	3081.6	221.842	1963.4	89.88	3378.1
	11:20	2193.9	109.7	3139.2	229.574	1964.3	91.56	3389.2
7	11:25	2211.4	120.6	3139.2	229.574	1981.8	91.56	3400.2
				3120.0				

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)
8	11:30	2298.9	133.3	3657.6	304.594	1994.3	106.68	3415.4
	11:35	2310.1	145.9	3628.8	300.172	2009.9	105.84	3426.3
	11:40	2322.6	158.5	3628.8 3638.4	300.172	2022.4	105.84	3434.7
9	11:45	2436.3	173.5	4320.0	414.432	2021.9	126.00	3448.9
	11:50	2448.8	188.2	4233.6	399.229	2049.6	123.48	3458.7
	11:55	2462.5	203.1	4291.2 4281.6	409.335	2053.2	125.16	3467.0
FALLOFF	11:56	2012.6				2012.6		3452.3
	11:57	2021.3				2021.3		3448.9
	11:58	2018.8				2018.8		3446.4
	11:59	2017.5				2017.5		3443.9
	12:00	2016.3				2016.3		3443.1
	12:05	2008.8				2008.8		3436.3
	12:10	2002.5				2002.5		3430.4

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 53
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 4, 1997

WELL NAME: SKELLY UNIT NO. 58
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1325

PERFS - 3320-3568

PACKER DEPTH = 3261

BHP GAUGE DEPTH - SURFACE ONLY

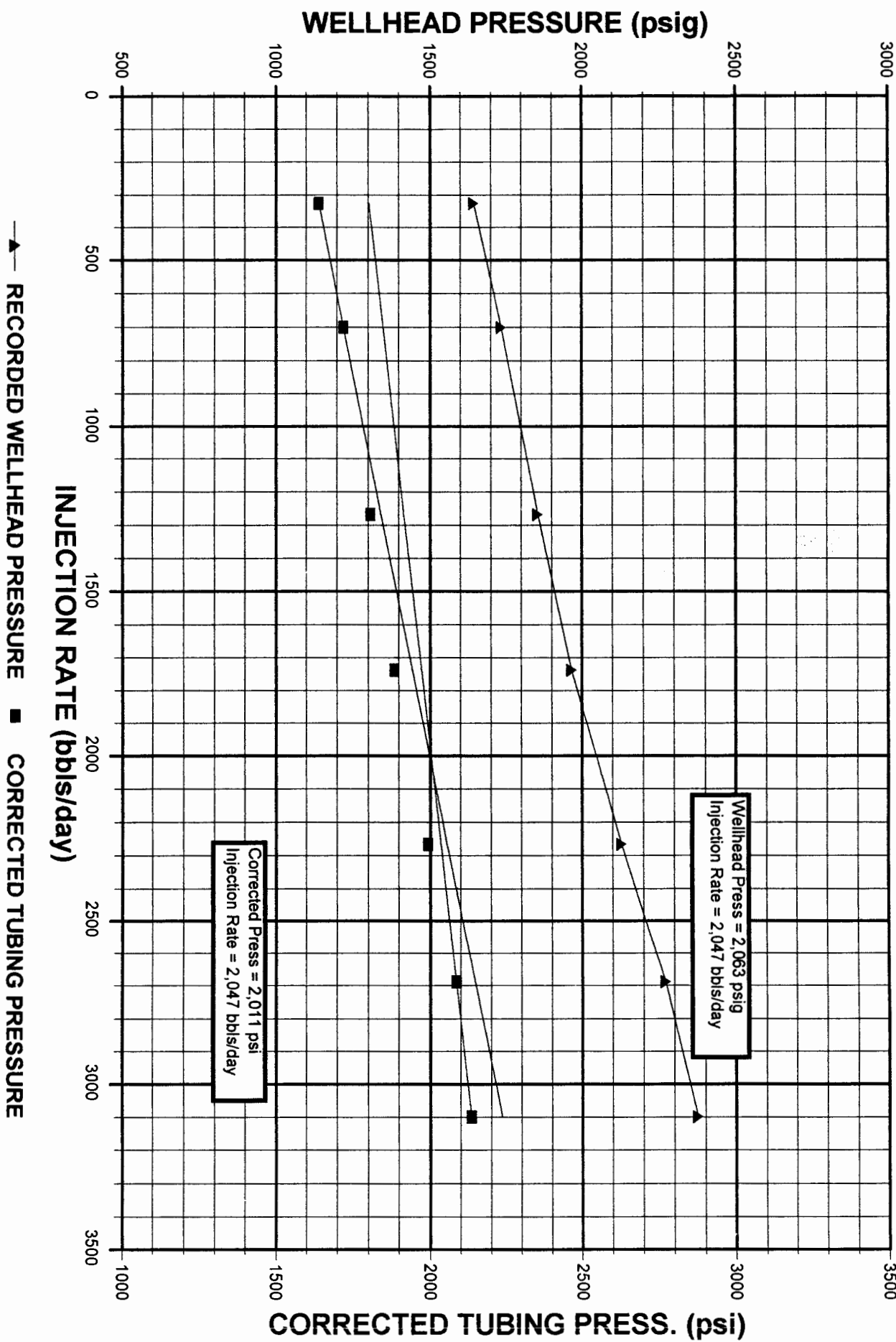
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2837	(7) MEASURED BHP (psi)
1	9:30	1621.2				1621.2		
	9:35	1662.5	1.1	316.8	3.543	1659.0	9.24	
	9:40	1662.5	2.2	316.8	3.543	1659.0	9.24	
	9:45	1645.1	3.4	345.6	4.162	1640.9	10.08	
				326.4				
2	9:50	1716.4	5.9	720.0	16.180	1700.2	21.00	
	9:55	1706.4	8.3	691.2	15.003	1691.4	20.16	
	10:00	1736.4	10.7	691.2	15.003	1721.4	20.16	
				700.8				
3	10:05	1795.2	15.1	1267.2	46.044	1749.2	36.96	
	10:10	1815.2	19.5	1267.2	46.044	1769.2	36.96	
	10:15	1855.3	23.9	1267.2	46.044	1809.3	36.96	
				1267.2				
4	10:20	1931.6	29.9	1728.0	81.727	1849.9	50.40	
	10:25	1959.2	36.1	1785.6	86.838	1872.4	52.08	
	10:30	1966.7	42.0	1699.2	79.225	1887.5	49.56	
				1737.6				
5	10:35	2101.7	49.9	2275.2	135.955	1965.7	66.36	
	10:40	2107.9	57.7	2246.4	132.788	1975.1	65.52	
	10:45	2130.3	65.6	2275.2	135.955	1994.3	66.36	
				2265.6				
6	10:50	2226.5	74.9	2678.4	183.856	2042.6	78.12	
	10:55	2250.2	84.3	2707.2	187.530	2062.7	78.96	
	11:00	2271.5	93.6	2678.4	183.856	2087.6	78.12	
				2688.0				
7	11:05	2369.0	104.5	3139.2	246.617	2122.4	91.56	
	11:10	2372.7	115.2	3081.6	238.311	2134.4	89.88	
	11:15	2375.3	125.9	3081.6	238.311	2137.0	89.88	
				3100.8				

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)
FALLOFF	SHUT DOWN - WATER STATION DOWN - OUT OF WATER							
	11:16	1951.6				1951.6		
	11:17	1950.3				1950.3		
	11:18	1945.3				1945.3		
	11:19	1940.3				1940.3		
	11:20	1935.3				1935.3		
	11:25	1915.3				1915.3		
	11:30	1909.1				1909.1		

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 58
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 2, 1997

WELL NAME: SKELLY UNIT NO. 79
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1331

OPEN HOLE = 3634-3798

PACKER DEPTH = 3194

BHP GAUGE DEPTH = SURFACE ONLY

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)
1	9:20	1492.6				1492.6		
	9:25	1530.2	1.0	288.0	2.821	1527.4	8.40	
	9:30	1549.2	1.9	259.2	2.321	1546.9	7.56	
	9:35	1549.3	3.0	316.8	3.365	1545.9	9.24	
				288.0				
2	9:40	1579.3	5.3	662.4	13.169	1566.1	19.32	
	9:45	1580.6	7.6	662.4	13.169	1567.4	19.32	
	9:50	1606.8	10.0	691.2	14.248	1592.6	20.16	
3				672.0				
	9:55	1664.2	13.8	1094.4	33.340	1630.9	31.92	
	10:00	1684.2	17.7	1123.2	34.981	1649.2	32.76	
	10:05	1715.4	21.6	1123.2	34.981	1680.4	32.76	
4				1113.6				
	10:10	1760.4	27.3	1641.6	70.588	1689.8	47.88	
	10:15	1780.3	32.6	1526.4	61.699	1718.6	44.52	
	10:20	1777.8	38.0	1555.2	63.869	1713.9	45.36	
5				1574.4				
	10:25	1868.9	45.1	2044.8	105.972	1762.9	59.64	
	10:30	1880.2	52.2	2044.8	105.972	1774.2	59.64	
	10:35	1882.6	59.3	2044.8	105.972	1776.6	59.64	
6				2044.8				
	10:40	1975.0	68.0	2505.6	154.339	1820.7	73.08	
	10:45	1980.0	76.8	2534.4	157.637	1822.4	73.92	
	10:50	1988.7	85.5	2505.6	154.339	1834.4	73.08	
7				2515.2				
	10:55	2069.9	95.7	2937.6	207.145	1862.8	85.68	
	11:00	1922.5	105.3	2764.8	185.168	1737.3	80.64	
	11:05	2094.8	114.9	2764.8	185.168	1909.6	80.64	
				2822.4				

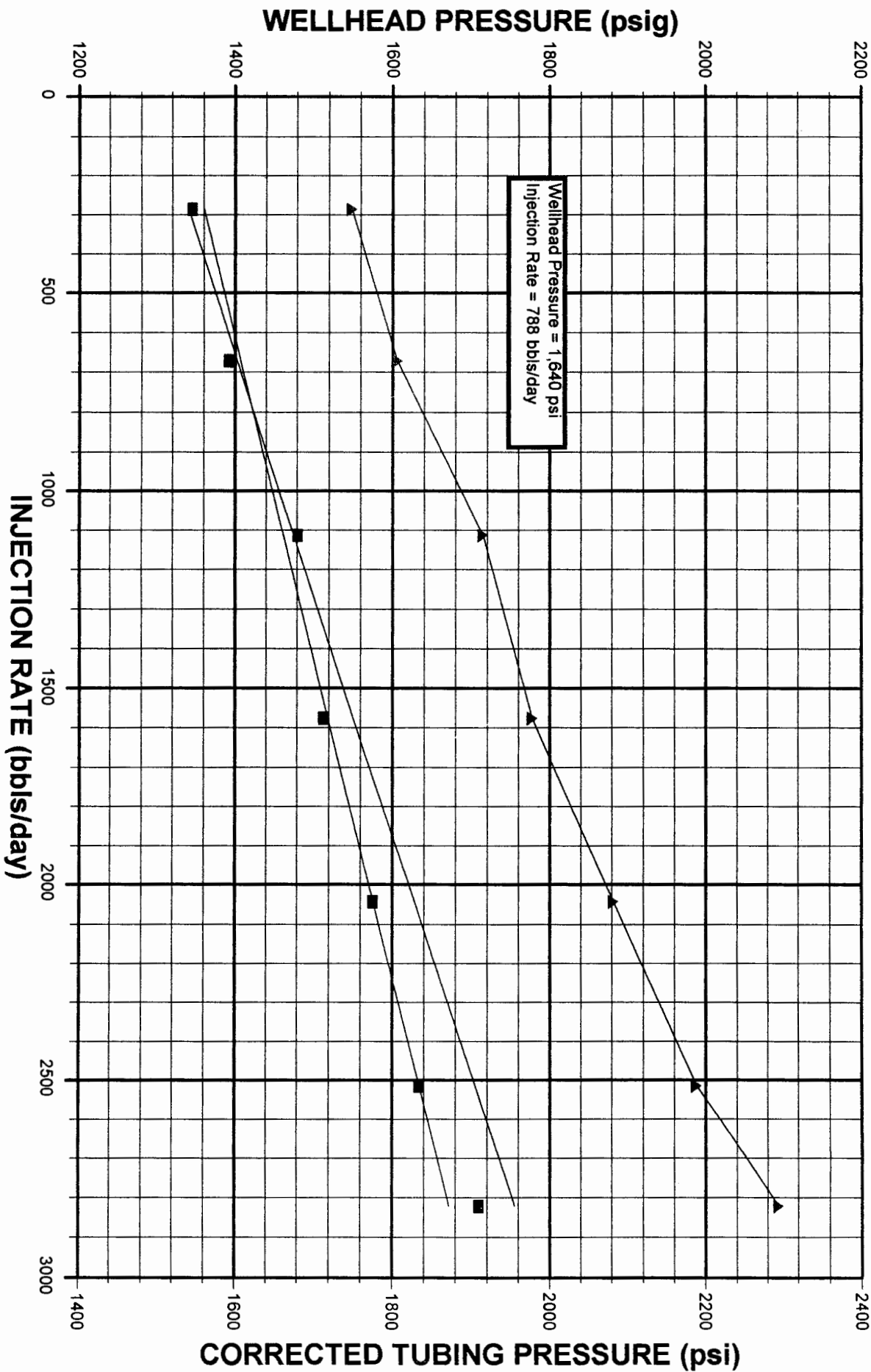
STEP NO. & REMARKS	TIME	(1)	(2)	(3)	(4)	(5)	(6)	(7)
		SURFACE TUBING PRESS. (psig)	CUMMULATIVE VOL. INJECTED (bbls)	INJECTION RATE (bbls/day)	FRICTION HEAD LOSS (psi)	CORRECTED TUBING PRESS. (psi) (1) - (4)	INJECTION RATE (gpm) (3)/34.2857	MEASURED BHP (psi)
FALLOFF	SHUT DOWN - PUMPING AIR							
	11:10	1697.8				1697.8		
	11:11	1768.9				1768.9		
	11:12	1752.7				1752.7		
	11:13	1739.0				1739.0		
	11:14	1727.7				1727.7		
	11:15	1719.0				1719.0		
	11:20	1687.7				1687.7		
	11:25	1669.0				1669.0		

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 79
Eddy County, New Mexico

Wellhead Pressure = 1,640 psi
Injection Rate = 788 bbls/day



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 3, 1997

WELL NAME: SKELLY UNIT NO. 51
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1322

PERFS - 3215-3574

PACKER DEPTH = 3162

BHP GAUGE DEPTH = 3395

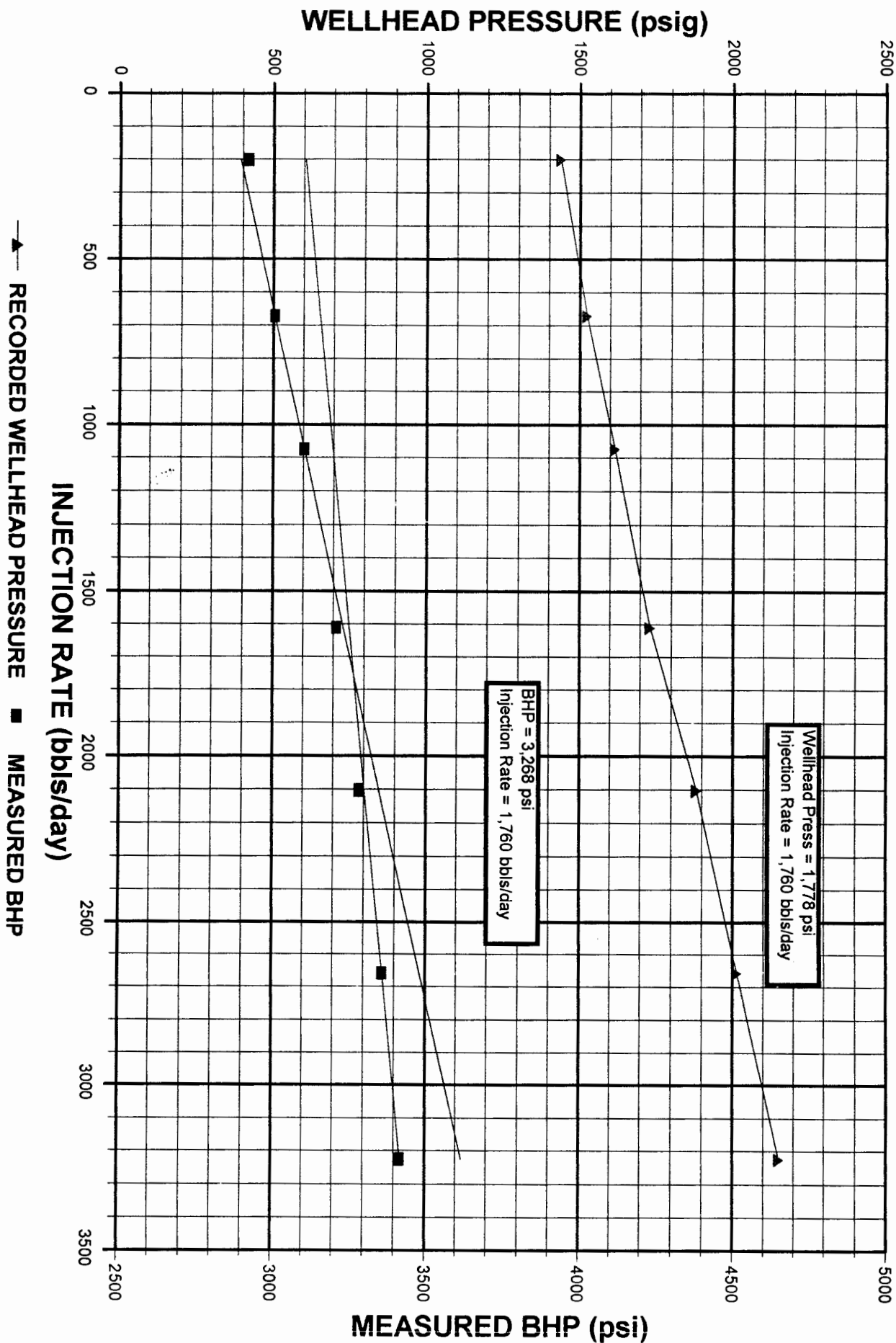
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:35	1339.0				1339.0		2845.6
	9:40	1401.5	0.7	201.6	1.514	1400.0	5.88	2882.5
	9:45	1411.5	1.4	201.6	1.514	1410.0	5.88	2902.9
	9:50	1437.7	2.1	201.6	1.514	1436.2	5.88	2920.5
				201.6				
2	9:55	1481.5	4.4	662.4	13.670	1467.8	19.32	2960.2
	10:00	1490.2	6.8	691.2	14.789	1475.4	20.16	2985.4
	10:05	1525.2	9.1	662.4	13.670	1511.5	19.32	3006.6
				672.0				
	10:10	1565.3	12.8	1065.6	32.941	1532.4	31.08	3047.5
3	10:15	1615.3	16.5	1065.6	32.941	1582.4	31.08	3079.5
	10:20	1617.9	20.3	1094.4	34.607	1583.3	31.92	3103.4
				1075.2				
	10:25	1712.9	26.0	1641.6	73.271	1639.6	47.88	3149.6
	10:30	1752.9	31.6	1612.8	70.910	1682.0	47.04	3181.2
4	10:35	1733.0	37.1	1584.0	68.585	1664.4	46.20	3209.9
				1612.8				
	10:40	1829.2	44.6	2160.0	121.737	1707.5	63.00	3239.1
	10:45	1858.0	51.8	2073.6	112.882	1745.1	60.48	3265.2
	10:50	1882.9	59.0	2073.6	112.882	1770.0	60.48	3285.4
5				2102.4				
	10:55	1992.8	68.3	2678.4	181.240	1811.6	78.12	3320.9
	11:00	2014.1	77.4	2620.8	174.095	1840.0	76.44	3344.1
	11:05	2015.2	86.7	2678.4	181.240	1834.0	78.12	3361.6
				2659.2				
6	11:10	2136.5	97.9	3225.6	255.631	1880.9	94.08	3388.5
	11:15	2151.4	109.1	3225.6	255.631	1895.8	94.08	3405.5
	11:20	2153.9	120.3	3225.6	255.631	1898.3	94.08	3420.7
				3225.6				

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)/34.2837	(7) MEASURED BHP (psi)
FALLOFF	11:25	2252.6				2252.6		3439.9
	11:26	1904.0				1904.0		3416.3
	11:27	1890.2				1890.2		3406.6
	11:28	1882.7				1882.7		3400.0
	11:29	1876.5				1876.5		3393.5
	11:30	1871.5				1871.5		3387.8
	11:35	1849.0				1849.0		3366.4
	11:40	1832.7				1832.7		3350.8
	11:45	1819.0				1819.0		3336.0
SHUT DOWN - METER PLUGGED OFF								

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 51
Eddy County, New Mexico





THE WISER OIL COMPANY

P.O. BOX 2568 • HOBBS, NM 88241

(Phone) 505-392-9797

(FAX) 505-392-8971

October 8, 1997

Mr. Ben Stone
New Mexico Oil Conservation Division
P.O. Box 6429
Santa Fe, NM 87505-6429



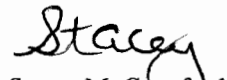
Dear Ben:

Enclosed please find the remaining Skelly Unit step-rate tests.

Please let us know if you need any further information.

Thank you for all your help.

Sincerely,


Stacey M. Crawford

Cc: Betty Rollins (Artesia OCD)

Enclosures: as stated.

✓ ALSO ON
~~OTHER~~
REQUEST 12.17.97

WELL NO	PSI	ALLOW
✓ 106	1948	
✓ 59	1926	
✓ 88	2016	
✓ 87	1874	
✓ 86	1977	
✓ 93	1636	
✓ 74	1378	
✓ 68	1640	
✓ 64	1722	
✓ 65	1978	
✓ 45	1834	
✓ 43	2114	
✓ 54	1973	
✓ 53	2141	
✓ 58	2063	
✓ 51	1778	
✓ 79	1640	

WEST - TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 25, 1997

WELL NAME: SKELLY UNIT NO. 106
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1596

PERFS = 3287-3582

PACKER DEPTH = 3210

BHP GAUGE DEPTH = 3410

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)
1	10:00	1355.5				1355.5		2501.7
	10:05	1635.5	1.1	316.8	3.508	1632.0	9.24	2837.8
	10:10	1740.5	2.3	345.6	4.121	1736.4	10.08	2937.4
	10:15	1693.0	3.5	345.6	4.121	1688.9	10.08	3002.1
2				336.0				
	10:20	1811.7	5.9	691.2	14.855	1796.8	20.16	3168.5
	10:25	1794.2	8.3	691.2	14.855	1779.3	20.16	3235.0
	10:30	1794.2	10.7	691.2	14.855	1779.3	20.16	3279.2
3				691.2				
	10:35	1896.6	14.7	1152.0	38.220	1858.4	33.60	3376.5
	10:40	1934.1	18.3	1036.8	31.451	1902.6	30.24	3407.9
	10:45	1952.8	22.1	1094.4	34.760	1918.0	31.92	3424.5
4				1094.4				
	10:50	2072.7	27.6	1584.0	68.888	2003.8	46.20	3467.9
	10:55	2100.2	33.1	1584.0	68.888	2031.3	46.20	3476.0
	11:00	2090.4	38.6	1584.0	68.888	2021.5	46.20	3475.6
5				1584.0				
	11:05	2251.4	46.4	2246.4	131.477	2119.9	65.52	3506.5
	11:10	2242.6	53.9	2160.0	122.275	2120.3	63.00	3504.0
	11:15	2255.1	61.6	2217.6	128.376	2126.7	64.68	3505.3
6				2208.0				
	11:20	2436.3	71.4	2822.4	200.560	2235.7	82.32	3538.1
	11:25	2450.1	81.2	2822.4	200.560	2249.5	82.32	3545.7
	11:30	2454.6	91.0	2822.4	200.560	2254.0	82.32	3549.9
				2822.4				

Page 2

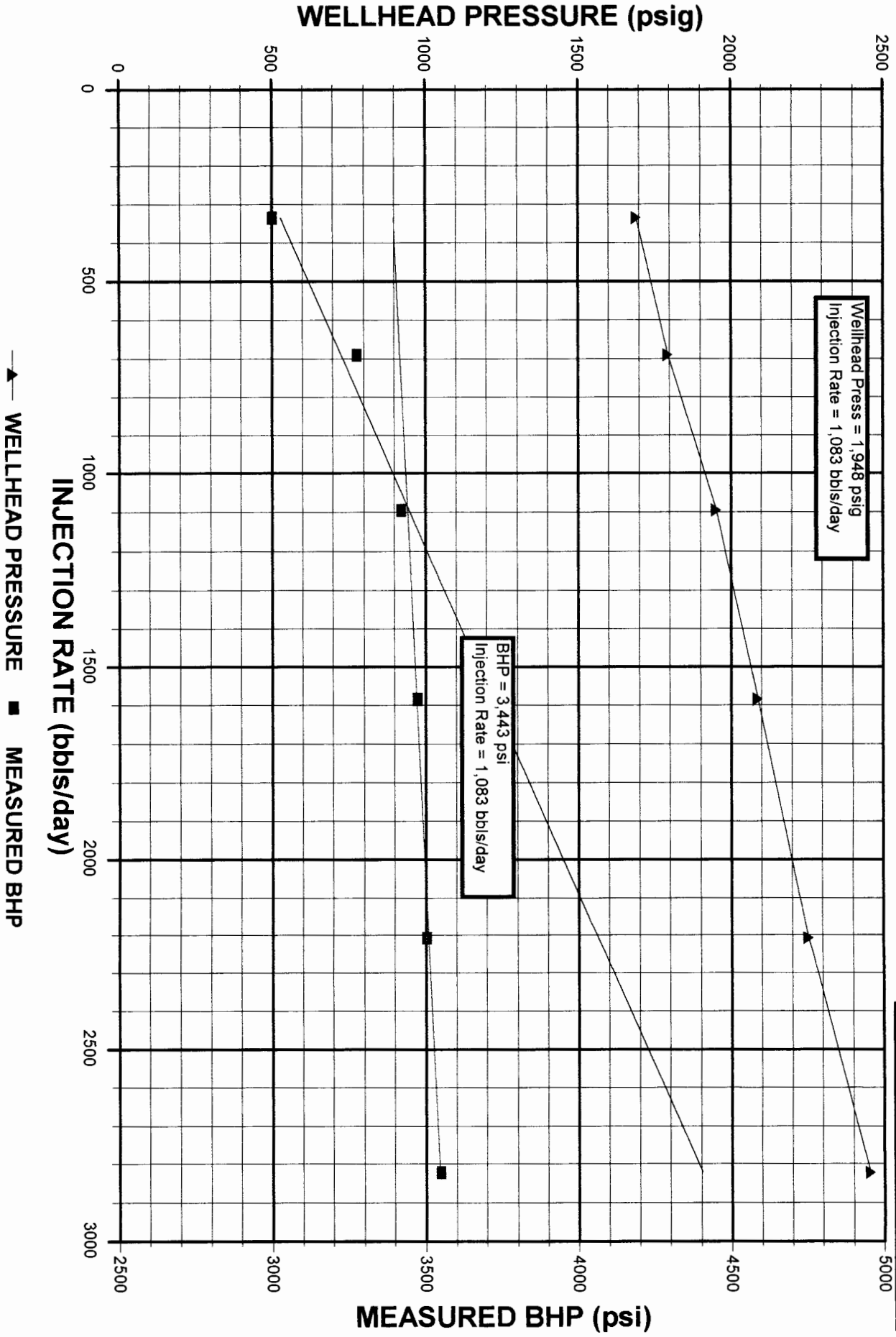
STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 106
Eddy County, New Mexico

Wellhead Press = 1,948 psig
Injection Rate = 1,083 bbls/day

BHP = 3,443 psi
Injection Rate = 1,083 bbls/day



WEST - TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 24, 1997

WELL NAME: SKELLY UNIT NO. 59
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1595

PERFS = 3242-3350

PACKER DEPTH = 3191

BHP GAUGE DEPTH = 3296

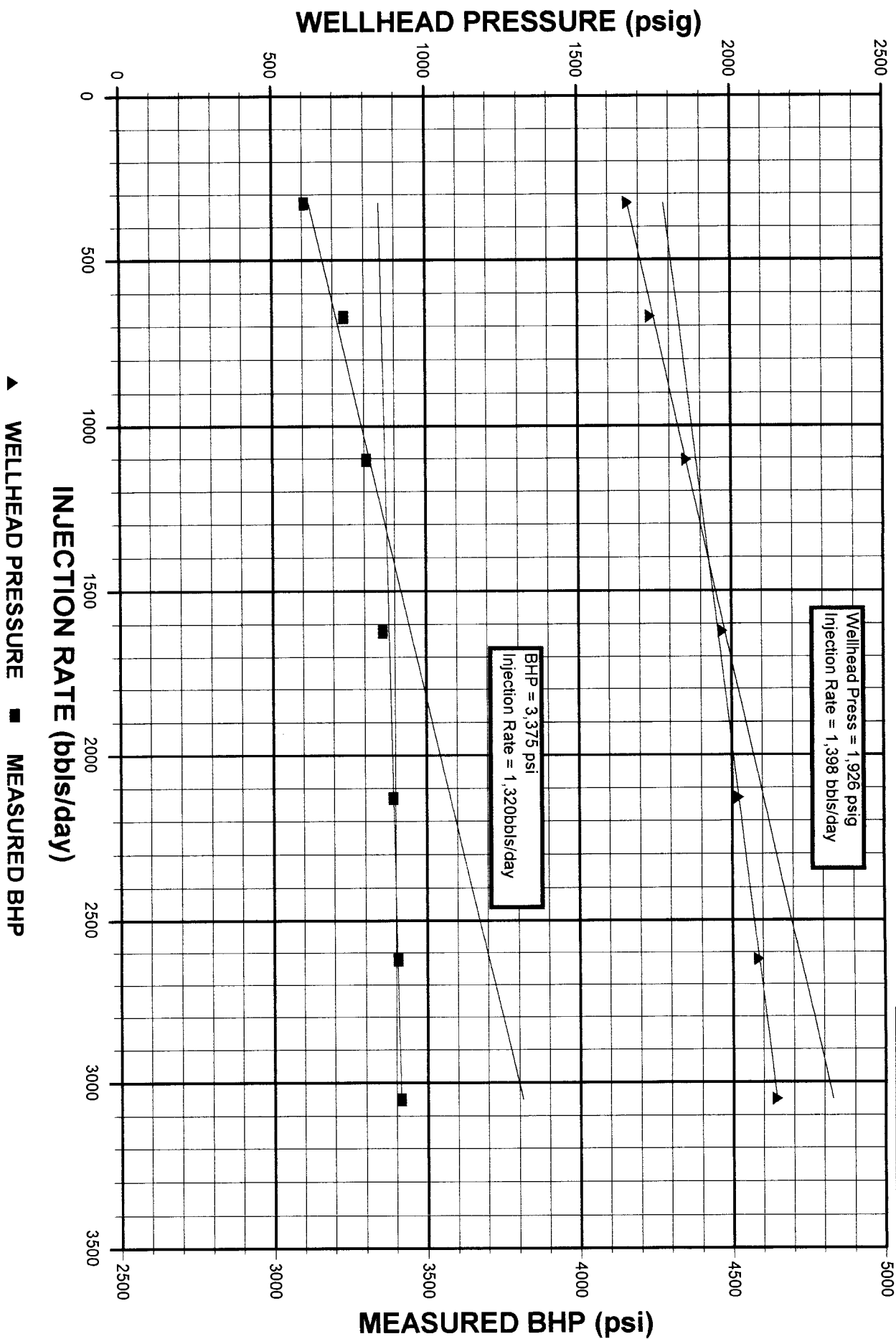
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	9:40	1487.6				1487.6		2939.1
	9:45	1590.2	1.1	316.8	3.391	1586.8	9.24	3046.1
	9:50	1656.5	2.2	316.8	3.391	1653.1	9.24	3084.7
1	9:55	1669.1	3.4	345.6	3.983	1665.1	10.08	3109.4
				326.4				
	10:00	1742.9	5.7	662.4	13.271	1729.6	19.32	3186.2
	10:05	1750.4	8.0	662.4	13.271	1737.1	19.32	3216.5
2	10:10	1741.7	10.4	691.2	14.358	1727.3	20.16	3237.2
				672.0				
	10:15	1829.2	14.2	1094.4	33.598	1795.6	31.92	3289.1
	10:20	1845.5	18.0	1094.4	33.598	1811.9	31.92	3302.1
3	10:25	1857.9	21.9	1123.2	35.252	1822.6	32.76	3308.7
				1104.0				
	10:30	1904.2	27.4	1584.0	66.585	1837.6	46.20	3344.6
	10:35	1931.6	33.0	1612.8	68.842	1862.8	47.04	3353.9
4	10:40	1972.8	38.8	1670.4	73.460	1899.3	48.72	3361.6
				1622.4				
	10:45	2021.6	46.2	2131.2	115.289	1906.3	62.16	3387.4
	10:50	2022.8	53.6	2131.2	115.289	1907.5	62.16	3393.1
5	10:55	2024.0	61.0	2131.2	115.289	1908.7	62.16	3393.7
				2131.2				
	11:00	2091.5	70.1	2620.8	169.019	1922.5	76.44	3407.3
	11:05	2089.0	79.3	2649.6	172.471	1916.5	77.28	3408.6
6	11:10	2087.7	88.3	2592.0	165.599	1922.1	75.60	3406.5
				2620.8				
	11:15	2155.2	98.9	3052.8	224.142	1931.1	89.04	3418.3
	11:20	2170.2	109.5	3052.8	224.142	1946.1	89.04	3416.2
7	11:25	2146.4	120.1	3052.8	224.142	1922.3	89.04	3415.5
				3052.8				

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)
FALLOFF	11:26	1867.8				1867.8		3369.2
	11:27	1851.6				1851.6		3350.5
	11:28	1836.6				1836.6		3335.7
	11:29	1824.1				1824.1		3323.2
	11:30	1814.1				1814.1		3312.3
	11:35	1775.4				1775.4		3272.7
	11:40	1750.4				1750.4		3247.9

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 59
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 23, 1997

WELL NAME: SKELLY UNIT NO. 88
EDDY COUNTY, NEW MEXICO

W.O. #: 97-14-1591

OPEN HOLE = 3645-3708

PACKER DEPTH = 3618

BHP GAUGE DEPTH = 3676

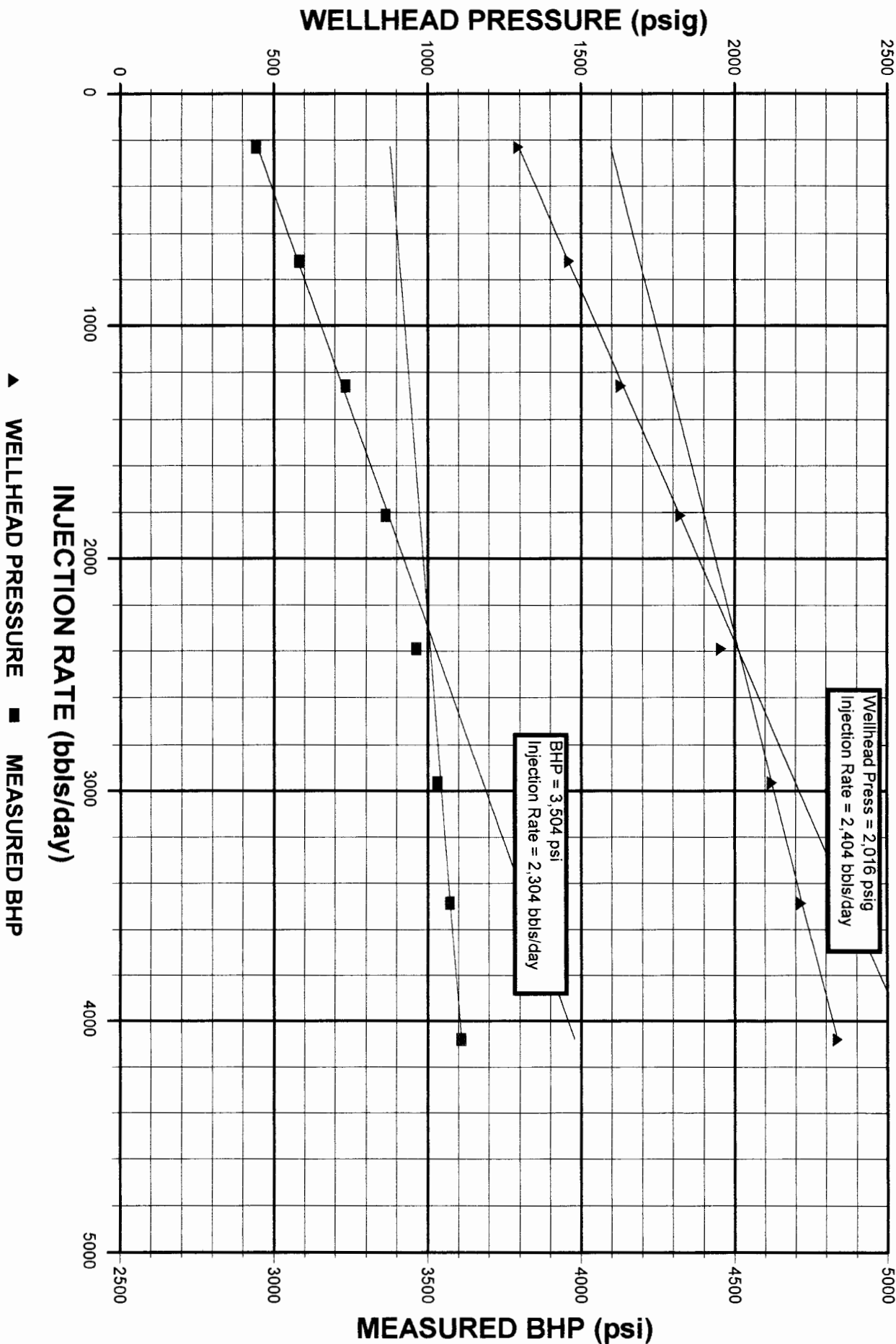
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:25	1164.6				1164.6		2797.5
	9:30	1254.6	0.9	259.2	2.609	1252.0	7.56	2872.0
	9:35	1287.1	1.7	230.4	2.098	1285.0	6.72	2911.1
	9:40	1298.3	2.4	201.6	1.639	1296.7	5.88	2943.2
				230.4				
2	9:45	1410.7	4.9	720.0	17.270	1393.4	21.00	3004.8
	9:50	1408.3	7.4	720.0	17.270	1391.0	21.00	3047.8
	9:55	1463.3	9.9	720.0	17.270	1446.0	21.00	3083.5
3				720.0				
	10:00	1545.8	14.3	1267.2	49.146	1496.7	36.96	3151.6
	10:05	1600.8	18.7	1267.2	49.146	1551.7	36.96	3197.6
	10:10	1630.8	23.0	1238.4	47.099	1583.7	36.12	3234.9
				1257.6				
4	10:15	1759.5	29.3	1814.4	95.472	1664.0	52.92	3291.5
	10:20	1797.0	35.6	1814.4	95.472	1701.5	52.92	3332.0
	10:25	1824.5	41.9	1814.4	95.472	1729.0	52.92	3365.1
				1814.4				
5	10:30	1897.0	50.2	2390.4	158.998	1738.0	69.72	3408.9
	10:35	1930.8	58.5	2390.4	158.998	1771.8	69.72	3439.6
	10:40	1958.3	66.8	2390.4	158.998	1799.3	69.72	3463.8
				2390.4				
6	10:45	2074.5	77.1	2966.4	237.053	1837.4	86.52	3497.0
	10:50	2089.4	87.4	2966.4	237.053	1852.3	86.52	3518.1
	10:55	2125.6	97.7	2966.4	237.053	1888.5	86.52	3533.5
				2966.4				
7	11:00	2201.8	109.8	3484.8	319.337	1882.5	101.64	3553.7
	11:05	2211.8	121.9	3484.8	319.337	1892.5	101.64	3565.8
	11:10	2220.5	134.0	3484.8	319.337	1901.2	101.64	3574.7
				3484.8				

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)
8 FALLOFF	11:15	2328.0	148.2	4089.6	429.368	1898.6	119.28	3588.5
	11:20	2335.5	162.4	4089.6	429.368	1906.1	119.28	3598.2
	11:25	2339.3	176.5	4060.8 4080.0	423.791	1915.5	118.44	3610.2
	11:26	1935.6				1935.6		3594.7
	11:27	1924.4				1924.4		3587.0
	11:28	1919.4				1919.4		3580.7
	11:29	1914.4				1914.4		3575.3
	11:30	1910.6				1910.6		3571.5
	11:35	1895.6				1895.6		3555.3
	11:40	1885.6				1885.6		3545.0

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 88
Eddy County, New Mexico



WEST-TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 22, 1997

WELL NAME: SKELLY UNIT NO. 87
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1335

PERFS - 3241-3859

PACKER DEPTH = 3178

BHP GAUGE DEPTH = 3370

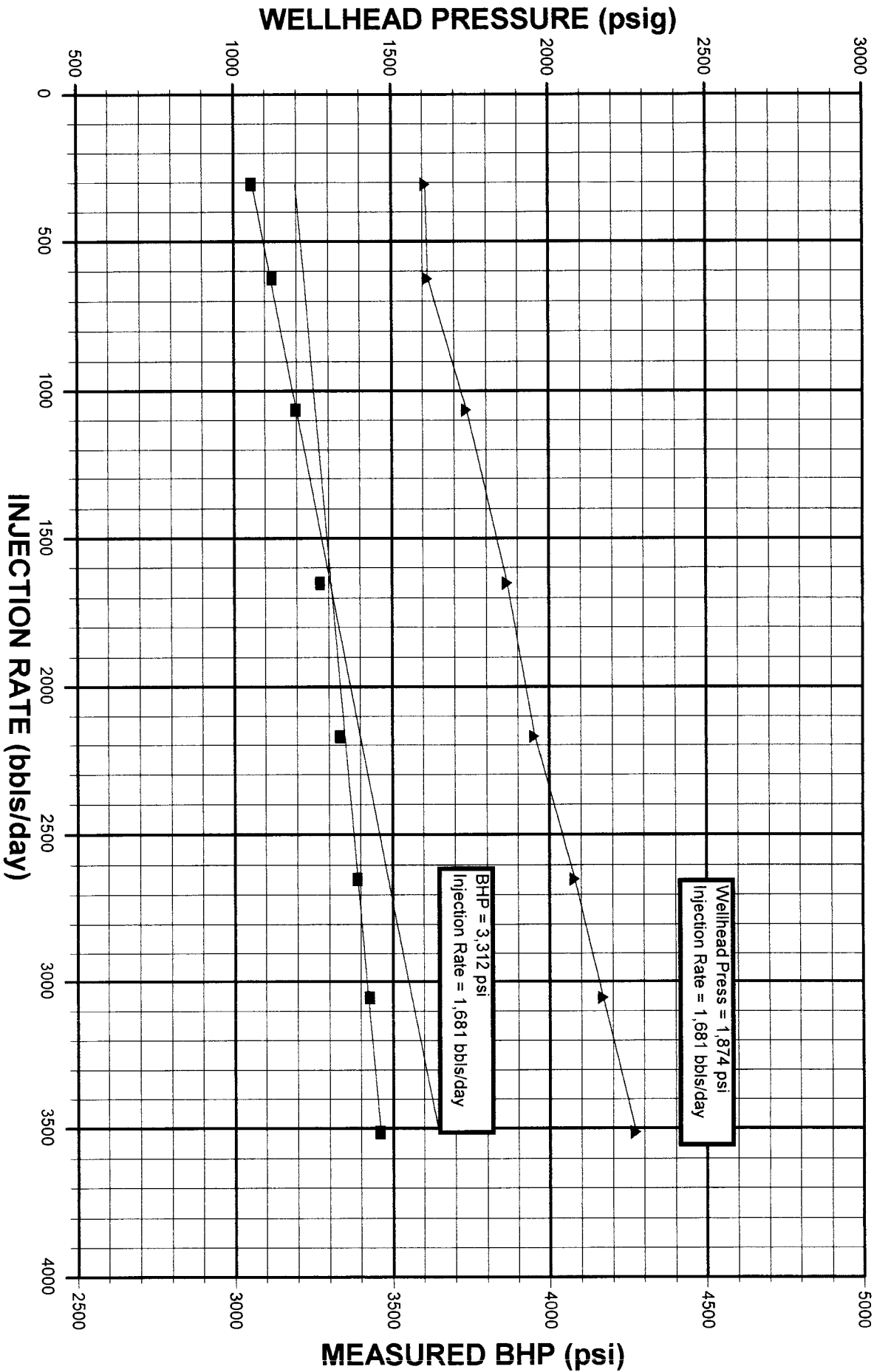
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	10:10	1546.9				1546.9		3005.8
	10:15	1549.5	1.0	288.0	2.906	1546.6	8.40	3029.9
	10:20	1594.5	2.1	316.8	3.467	1591.0	9.24	3046.4
	10:25	1610.7	3.2	316.8	3.467	1607.2	9.24	3059.2
				307.2				
2	10:30	1605.7	5.4	633.6	12.498	1593.2	18.48	3087.5
	10:35	1627.0	7.5	604.8	11.467	1615.5	17.64	3107.1
	10:40	1618.3	9.7	633.6	12.498	1605.8	18.48	3123.4
3				624.0				
	10:45	1703.2	13.3	1036.8	31.082	1672.1	30.24	3155.6
	10:50	1713.2	17.0	1065.6	32.698	1680.5	31.08	3178.3
	10:55	1740.7	20.8	1094.4	34.352	1706.3	31.92	3198.0
4				1065.6				
	11:00	1824.4	26.6	1670.4	75.109	1749.3	48.72	3231.7
	11:05	1791.9	32.3	1641.6	72.731	1719.2	47.88	3255.6
	11:10	1869.4	38.0	1641.6	72.731	1796.7	47.88	3273.7
				1651.2				
5	11:15	1913.1	45.5	2160.0	120.841	1792.3	63.00	3301.4
	11:20	1926.8	53.1	2188.8	123.839	1803.0	63.84	3320.1
	11:25	1955.5	60.6	2160.0	120.841	1834.7	63.00	3336.1
				2169.6				
6	11:30	2046.7	69.8	2649.6	176.343	1870.4	77.28	3359.4
	11:35	2069.2	79.0	2649.6	176.343	1892.9	77.28	3375.4
	11:40	2081.8	88.2	2649.6	176.343	1905.5	77.28	3389.6
				2649.6				
7	11:45	2139.3	98.9	3081.6	233.191	1906.1	89.88	3406.1
	11:50	2161.9	109.4	3024.0	225.191	1936.7	88.20	3417.7
	11:55	2170.7	120.0	3052.8	229.175	1941.5	89.04	3428.4
				3052.8				

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)
8 FALLOFF	12:00	2258.2	132.2	3513.6	297.246	1961.0	102.48	3442.3
	12:05	2270.0	144.4	3513.6	297.246	1972.8	102.48	3452.1
	12:10	2273.3	156.6	3513.6	297.246	1976.1	102.48	3461.0
				3513.6				
	12:11	1958.4				1958.4		3450.4
	12:12	1942.9				1942.9		3445.5
	12:13	1939.7				1939.7		3441.3
	12:14	1937.2				1937.2		3437.9
	12:15	1933.4				1933.4		3435.4
	12:20	1921.0				1921.0		3423.3
	12:25	1911.0				1911.0		3412.7

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 87
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 19, 1997

WELL NAME: SKELLY UNIT NO. 86
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1334

PERFS = 3538-3741

PACKER DEPTH = 3488

BHP GAUGE DEPTH = 3640

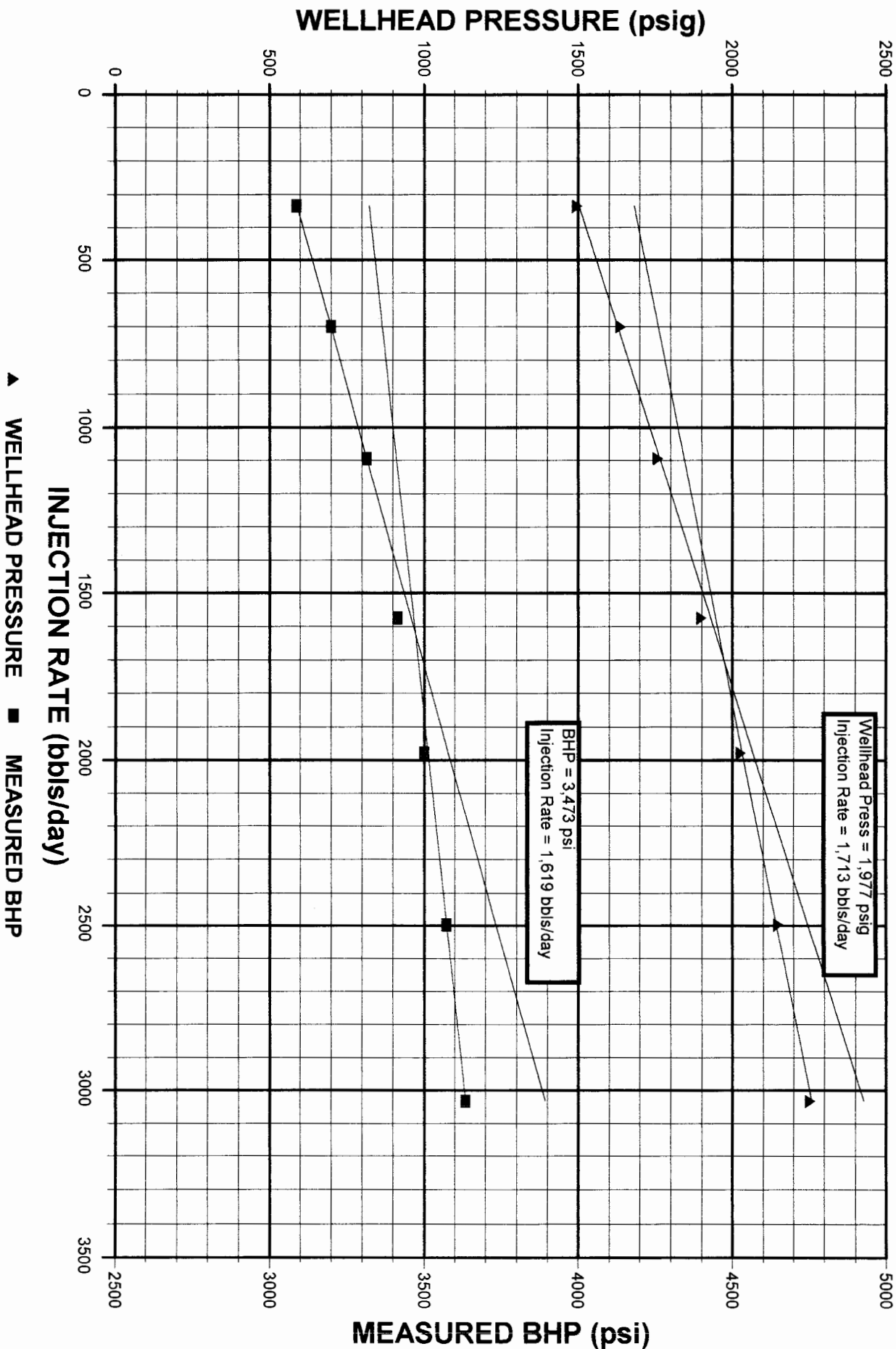
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:35	1373.1				1373.1		2988.6
	9:40	1400.6	1.2	345.6	4.399	1396.2	10.08	3040.1
	9:45	1446.9	2.4	345.6	4.399	1442.5	10.08	3066.2
	9:50	1498.1	3.5	316.8	3.745	1494.4	9.24	3089.5
				336.0				
2	9:55	1575.2	6.0	720.0	17.101	1558.1	21.00	3144.1
	10:00	1571.8	8.3	662.4	14.656	1557.1	19.32	3174.0
	10:05	1639.2	10.8	720.0	17.101	1622.1	21.00	3202.4
				700.8				
3	10:10	1700.4	14.5	1065.6	35.318	1665.1	31.08	3254.5
	10:15	1732.9	18.3	1094.4	37.104	1695.8	31.92	3289.1
	10:20	1759.1	22.2	1123.2	38.931	1720.2	32.76	3315.4
				1094.4				
4	10:25	1834.1	27.6	1555.2	71.081	1763.0	45.36	3363.6
	10:30	1847.8	33.1	1584.0	73.535	1774.3	46.20	3393.5
	10:35	1900.3	38.6	1584.0	73.535	1826.8	46.20	3417.3
				1574.4				
METER STOPPED - CHANGED METER RE-ZERO								
5	10:50	1981.6	6.4	1843.2	97.332	1884.3	53.76	3460.3
	10:55	2007.8	13.5	2044.8	117.937	1889.9	59.64	3483.0
	11:00	2029.0	20.6	2044.8	117.937	1911.1	59.64	3503.0
				1977.6				
6	11:05	2114.0	29.2	2476.8	168.130	1945.9	72.24	3538.2
	11:10	2156.5	37.9	2505.6	171.764	1984.7	73.08	3557.0
	11:15	2152.8	46.6	2505.6	171.764	1981.0	73.08	3574.1
				2496.0				

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)
7 FALLOFF	11:20	2271.5	57.2	3052.8	247.536	2024.0	89.04	3607.5
	11:25	2274.0	67.7	3024.0	243.233	2030.8	88.20	3623.0
	11:30	2255.3	78.2	3024.0	243.233	2012.1	88.20	3636.1
			TTL BBLs 116.8	3033.6				
	11:32	2015.3				2015.3		3592.9
	11:33	1961.6				1961.6		3587.1
	11:34	1957.8				1957.8		3585.8
	11:35	1956.6				1956.6		3583.7
	11:40	1949.1				1949.1		3577.7
	11:45	1944.1				1944.1		3572.6

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 86
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 18, 1997

WELL NAME: SKELLY UNIT NO. 93
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1337

PERFS = 3228-3579

PACKER DEPTH = 3147

BHP GAUGE DEPTH = 3433

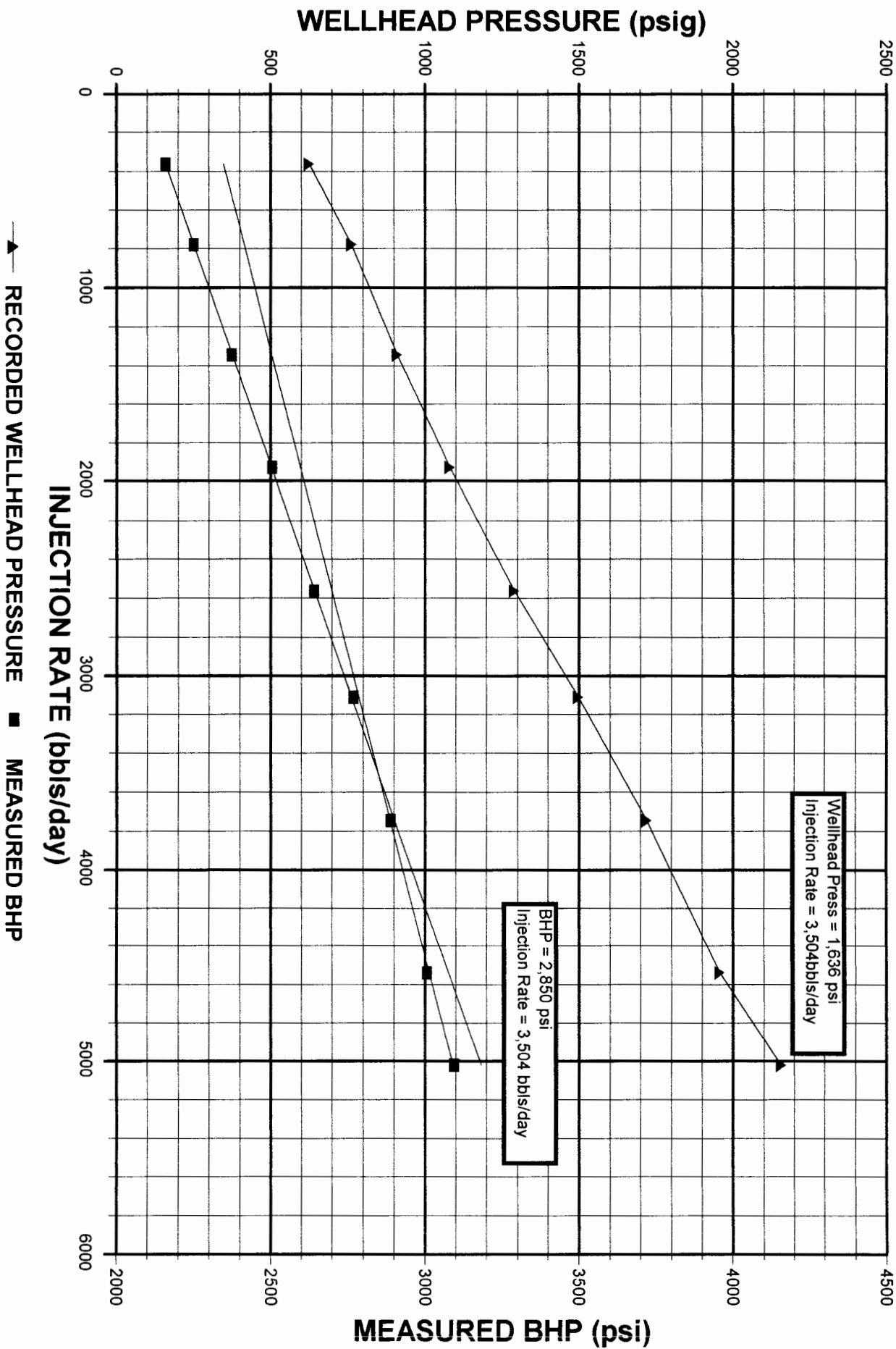
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:40	534.7				534.7		2073.10
	9:45	614.5	1.2	345.6	1.554	612.9	10.08	2136.20
	9:50	608.3	2.5	374.4	1.802	606.5	10.92	2152.10
	9:55	625.8	3.8	374.4	1.802	624.0	10.92	2160.90
				364.8				
2	10:00	700.6	6.5	777.6	6.968	693.6	22.68	2210.00
	10:05	715.6	9.2	777.6	6.968	708.6	22.68	2232.30
	10:10	764.2	11.9	777.6	6.968	757.2	22.68	2251.50
3				777.6				
	10:15	847.6	16.5	1324.8	18.671	828.9	38.64	2316.00
	10:20	911.2	21.2	1353.6	19.428	891.8	39.48	2348.70
	10:25	912.5	25.9	1353.6	19.428	893.1	39.48	2374.20
				1344.0				
4	10:30	1032.1	32.6	1929.6	37.436	994.7	56.28	2442.10
	10:35	1072.1	39.3	1929.6	37.436	1034.7	56.28	2477.60
	10:40	1082.1	46.0	1929.6	37.436	1044.7	56.28	2506.10
				1929.6				
5	10:45	1235.7	54.9	2563.2	63.303	1172.4	74.76	2575.50
	10:50	1273.2	63.8	2563.2	63.303	1209.9	74.76	2612.60
	10:55	1290.7	72.7	2563.2	63.303	1227.4	74.76	2642.80
				2563.2				
6	11:00	1430.6	83.4	3081.6	89.005	1341.6	89.88	2704.20
	11:05	1469.3	94.2	3110.4	90.550	1378.7	90.72	2740.10
	11:10	1498.1	105.1	3139.2	92.107	1406.0	91.56	2770.40
				3110.4				
7	11:15	1659.2	118.0	3715.2	125.790	1533.4	108.36	2828.50
	11:20	1689.2	131.1	3772.8	129.422	1559.8	110.04	2862.10
	11:25	1720.4	144.1	3744.0	127.600	1592.8	109.20	2890.90
				3744.0				

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)
8	11:30	1922.7	159.8	4521.6	180.913	1741.8	131.88	2946.50
	11:35	1947.7	175.6	4550.4	183.051	1764.6	132.72	2980.90
	11:40	1957.6	191.4	4550.4	183.051	1774.5	132.72	3008.90
				4540.8				
9	11:45	2118.8	208.8	5011.2	218.812	1900.0	146.16	3048.40
	11:50	2126.3	226.2	5011.2	218.812	1907.5	146.16	3074.00
	11:55	2158.8	243.7	5040.0	221.145	1937.7	147.00	3096.50
				5020.8				
FALLOFF	11:56	1499.3				1499.3		3043.50
	11:57	1479.3				1479.3		3020.60
	11:58	1461.8				1461.8		3001.90
	11:59	1445.6				1445.6		2986.50
	12:00	1431.9				1431.9		2972.70
	12:05	1375.7				1375.7		2916.90
	12:10	1332.0				1332.0		2873.40

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 93
Eddy County, New Mexico



WEST - TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 17, 1997

WELL NAME: SKELLY UNIT NO. 74
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1330

PERFS = 3028-3431

PACKER DEPTH = 2961

BHP GAUGE DEPTH = 3130

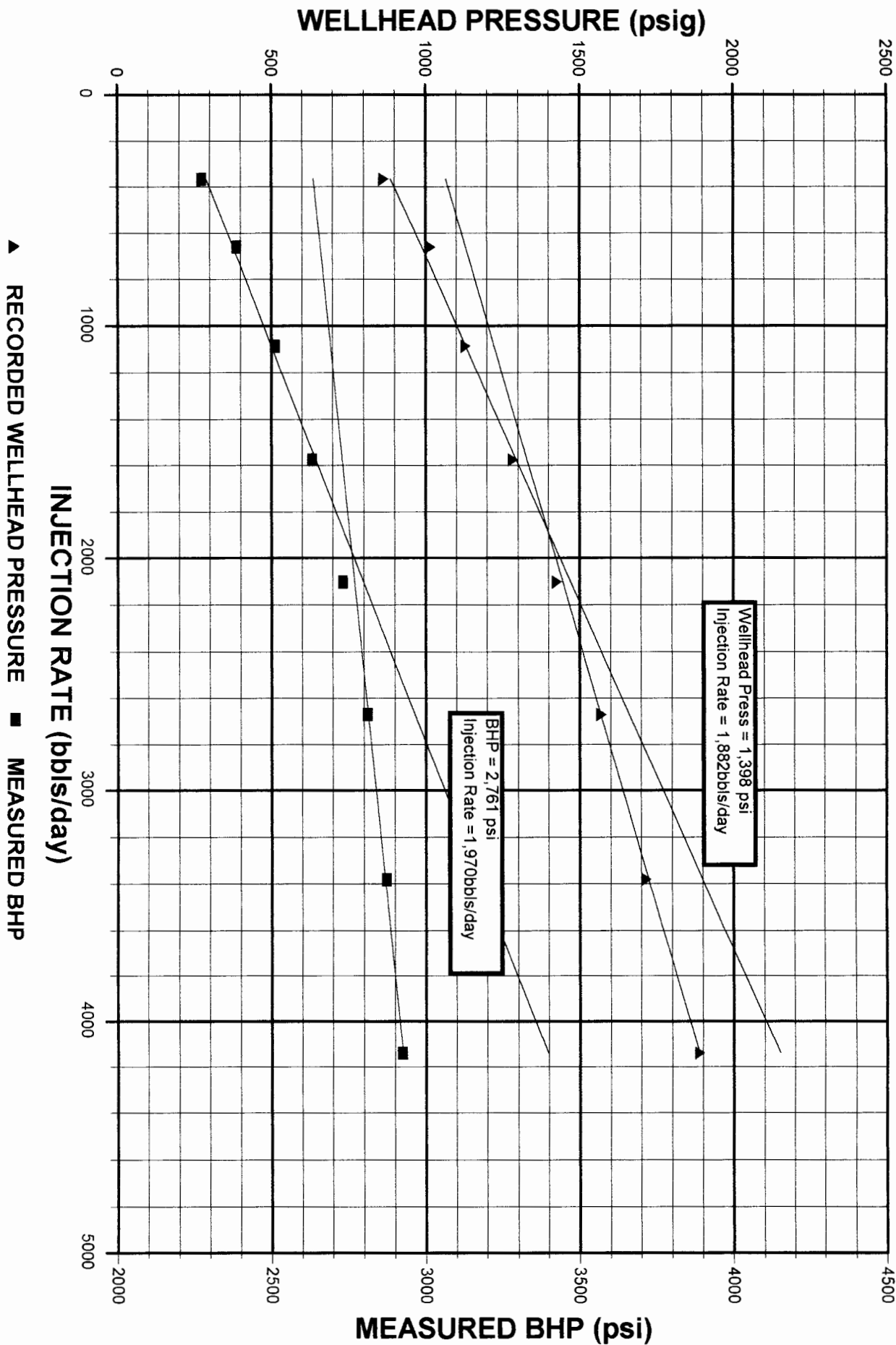
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	9:30	759.0				759.0		2171.2
	9:35	801.4	1.3	374.4	4.386	797.0	10.92	2222.2
	9:40	851.2	2.5	345.6	3.782	847.4	10.08	2253.0
1	9:45	866.2	3.8	374.4	4.386	861.8	10.92	2275.7
				364.8				
	9:50	875.0	6.1	662.4	12.603	862.4	19.32	2322.4
	9:55	946.0	8.4	662.4	12.603	933.4	19.32	2356.9
2	10:00	1018.0	10.7	662.4	12.603	1005.4	19.32	2388.4
				662.4				
	10:05	1032.0	14.5	1094.4	31.905	1000.1	31.92	2442.2
	10:10	1108.2	18.2	1065.6	30.370	1077.8	31.08	2481.5
3	10:15	1133.2	22.0	1094.4	31.905	1101.3	31.92	2514.2
				1084.8				
	10:20	1218.2	27.5	1584.0	63.232	1155.0	46.20	2565.8
	10:25	1239.4	32.9	1555.2	61.121	1178.3	45.36	2603.5
4	10:30	1285.7	38.4	1584.0	63.232	1222.5	46.20	2634.3
				1574.4				
	10:35	1373.1	45.7	2102.4	106.761	1266.3	61.32	2677.1
	10:40	1390.6	53.0	2102.4	106.761	1283.8	61.32	2708.2
5	10:45	1426.9	60.3	2102.4	106.761	1320.1	61.32	2733.4
				2102.4				
	10:50	1515.6	70.0	2793.6	180.631	1335.0	81.48	2767.3
	10:55	1544.3	78.8	2534.4	150.854	1393.4	73.92	2792.1
6	11:00	1571.8	88.1	2678.4	167.093	1404.7	78.12	2812.0
				2668.8				
	11:05	1678.0	99.8	3369.6	255.511	1422.5	98.28	2840.0
	11:10	1707.9	111.5	3369.6	255.511	1452.4	98.28	2859.6
7	11:15	1717.9	123.3	3398.4	259.566	1458.3	99.12	2875.2
				3379.2				

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)
8 FALLOFF	11:20	1861.6	137.5	4089.6	365.594	1496.0	119.28	2895.8
	11:25	1877.8	151.9	4147.2	375.177	1502.6	120.96	2912.0
	11:30	1891.5	166.4	4176.0	380.011	1511.5	121.80	2925.2
				4137.6				
	11:31	1505.6				1505.6		2912.8
	11:32	1495.6				1495.6		2908.7
	11:33	1491.8				1491.8		2905.3
	11:34	1489.3				1489.3		2902.8
	11:35	1486.8				1486.8		2900.3
	11:40	1476.8				1476.8		2890.4
	11:45	1469.3				1469.3		2883.1

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 74
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 16, 1997

WELL NAME: SKELLY UNIT NO. 68
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1329

PERFS = 3155-3419

PACKER DEPTH = 3473

BHP GAUGE DEPTH = 3287

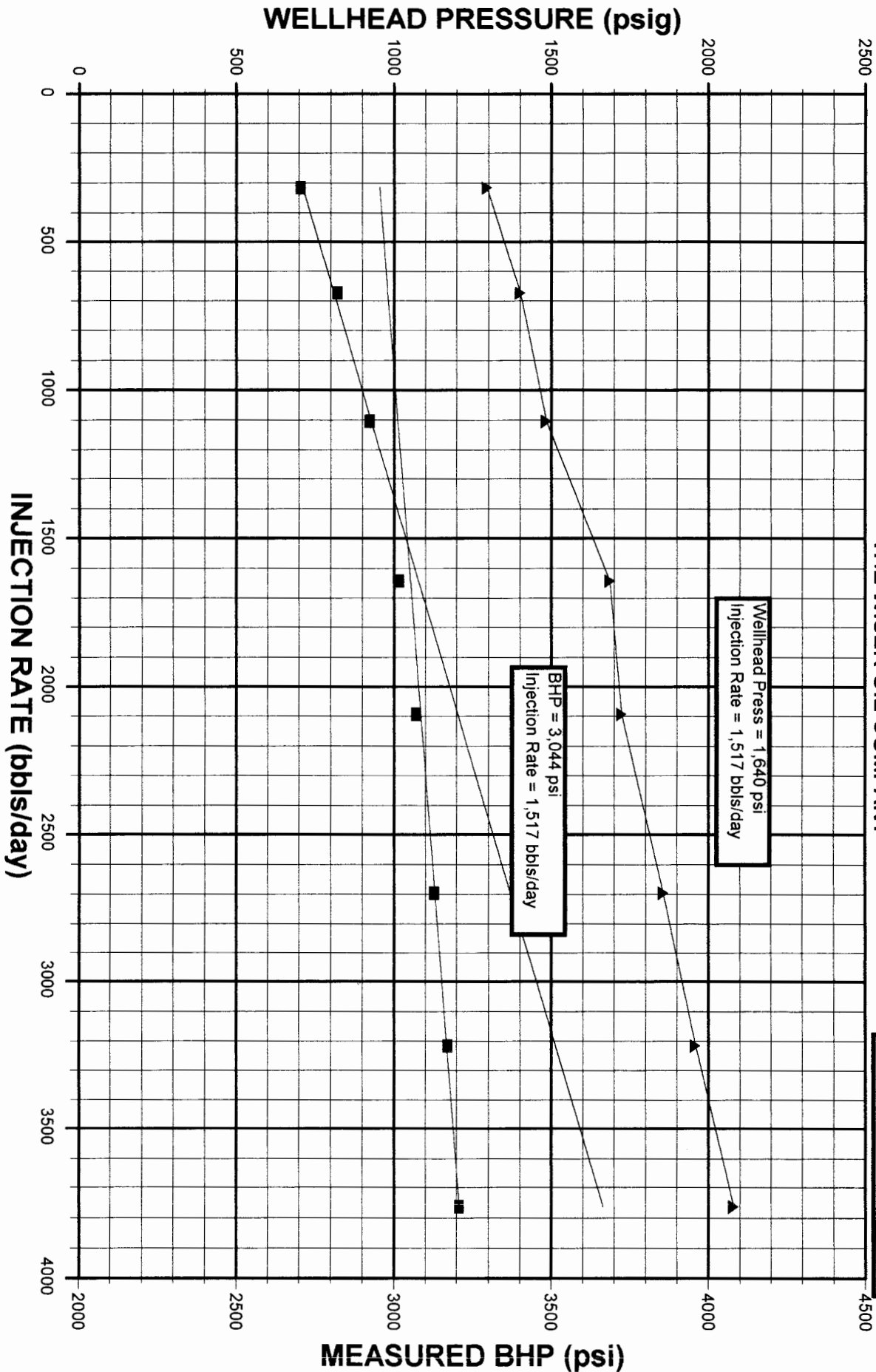
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:30	1157.8				1157.8		2567.3
	9:35	1257.8	1.2	345.6	3.972	1253.8	10.08	2657.2
	9:40	1292.8	2.3	316.8	3.381	1289.4	9.24	2687.0
	9:45	1296.6	3.3	288.0	2.835	1293.8	8.40	2705.4
				316.8				
2	9:50	1379.1	5.8	720.0	15.442	1363.7	21.00	2773.0
	9:55	1361.7	7.9	604.8	11.185	1350.5	17.64	2799.4
	10:00	1401.7	10.3	691.2	14.319	1387.4	20.16	2822.7
				672.0				
	10:05	1451.7	14.1	1094.4	33.506	1418.2	31.92	2877.6
3	10:10	1476.7	17.9	1094.4	33.506	1443.2	31.92	2902.6
	10:15	1485.5	21.8	1123.2	35.155	1450.3	32.76	2924.3
				1104.0				
	10:20	1591.7	27.9	1756.8	80.423	1511.3	51.24	2967.7
	10:25	1606.8	33.2	1526.4	62.006	1544.8	44.52	2991.2
4	10:30	1686.8	38.9	1641.6	70.940	1615.9	47.88	3018.9
				1641.6				
	10:35	1704.2	46.1	2073.6	109.291	1594.9	60.48	3039.0
	10:40	1720.5	53.4	2102.4	112.116	1608.4	61.32	3057.2
	10:45	1724.2	60.7	2102.4	112.116	1612.1	61.32	3072.8
5				2092.8				
	10:50	1815.4	70.0	2678.4	175.475	1639.9	78.12	3102.3
	10:55	1845.3	79.4	2707.2	178.981	1666.3	78.96	3117.9
	11:00	1856.6	88.8	2707.2	178.981	1677.6	78.96	3129.4
				2697.6				
6	11:05	1939.0	100.1	3254.4	251.603	1687.4	94.92	3150.7
	11:10	1946.4	111.1	3168.0	239.385	1707.0	92.40	3162.1
	11:15	1960.1	122.3	3225.6	247.499	1712.6	94.08	3172.1
				3216.0				

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
STEP NO. & REMARKS	TIME	SURFACE TUBING PRESS. (psig)	CUMMULATIVE VOL. INJECTED (bbls)	INJECTION RATE (bbls/day)	FRICTION HEAD LOSS (psi)	CORRECTED TUBING PRESS. (psi) (1) - (4)	INJECTION RATE (gpm) (3)/34.2857	MEASURED BHP (psi)
8 FALLOFF	11:20	2062.6	135.4	3772.8	330.729	1731.9	110.04	3191.1
	11:25	2072.5	148.5	3772.8	330.729	1741.8	110.04	3201.0
	11:30	2081.3	161.5	3744.0 3763.2	326.074	1755.2	109.20	3207.9
	11:31	1706.6				1706.6		3170.6
	11:32	1704.1				1704.1		3165.6
	11:33	1701.6				1701.6		3160.7
	11:34	1697.8				1697.8		3158.3
	11:35	1694.1				1694.1		3155.8
	11:40	1684.1				1684.1		3145.3
	11:45	1677.8				1677.8		3138.8

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 68
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 15, 1997

WELL NAME: SKELLY UNIT NO. 64
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1326B

PERFS = 2907-3580

PACKER DEPTH = 2820

BHP GAUGE DEPTH = SURFACE ONLY

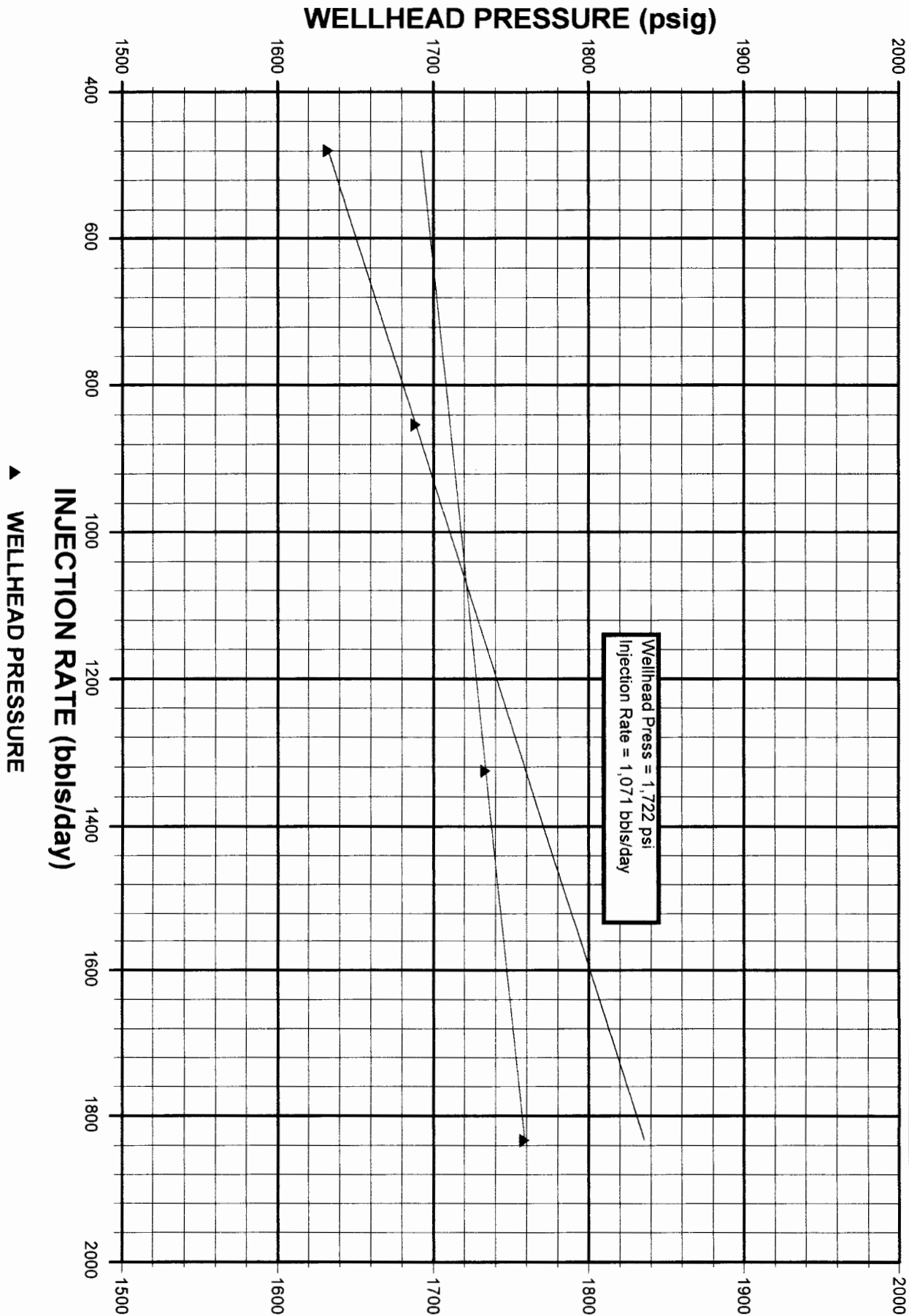
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	12:05	1620.3				1620.3		
	12:10	1627.8	1.1	316.8	3.340	1624.5	9.24	
	12:15	1626.6	2.2	316.8	3.340	1623.3	9.24	
1	12:20	1630.3	3.3	316.8	3.340	1627.0	9.24	
				316.8				
	12:25	1644.2	6.2	835.2	20.074	1624.1	24.36	
	12:30	1655.2	9.1	835.2	20.074	1635.1	24.36	
2	12:35	1645.2	11.9	806.4	18.812	1626.4	23.52	
				825.6				
	12:40	1690.2	16.9	1440.0	54.992	1635.2	42.00	
	12:45	1695.2	21.7	1382.4	50.992	1644.2	40.32	
3	12:50	1701.4	26.6	1411.2	52.974	1648.4	41.16	
				1411.2				
	12:55	1758.8	33.6	2016.0	102.479	1656.3	58.80	
	1:00	1767.5	40.6	2016.0	102.479	1665.0	58.80	
4	1:05	1770.0	47.7	2044.8	105.204	1664.8	59.64	
				2025.6				
	1:10	1832.4	56.0	2390.4	140.442	1692.0	69.72	
	1:15	1826.2	66.7	3081.6	224.679	1601.5	89.88	
5	1:20	1824.9	75.6	2563.2	159.799	1665.1	74.76	
				2678.4				
	1:25	1911.0	87.1	3312.0	256.740	1654.3	96.60	
	1:30	1916.0	98.5	3283.2	252.626	1663.4	95.76	
6	1:35	1934.7	110.0	3312.0	256.740	1678.0	96.60	
				3302.4				
	1:40	2012.0	123.0	3744.0	322.106	1689.9	109.20	
	1:45	2014.5	137.0	4032.0	369.437	1645.1	117.60	
7	1:50	2019.5	150.9	4003.2	364.570	1654.9	116.76	
				3926.4				

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
STEP NO. & REMARKS	TIME	SURFACE TUBING PRESS. (psig)	CUMMULATIVE VOL. INJECTED (bbls)	INJECTION RATE (bbls/day)	FRICTION HEAD LOSS (psi)	CORRECTED TUBING PRESS. (psi) (1) - (4)	INJECTION RATE (gpm) (3)/34.2857	MEASURED BHP (psi)
FALLOFF	1:51	1682.7	SHUT DOWN - PUMP MAXED OUT			1682.7		
	1:52	1678.9				1678.9		
	1:53	1673.9				1673.9		
	1:54	1670.2				1670.2		
	1:55	1667.7				1667.7		
	2:00	1657.7				1657.7		
	2:05	1652.7				1652.7		

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 64
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 15, 1997

WELL NAME: SKELLY UNIT 64
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1326

PERFS = 2907-3586

PACKER DEPTH = 2820

BHP GAUGE DEPTH = SURFACE ONLY

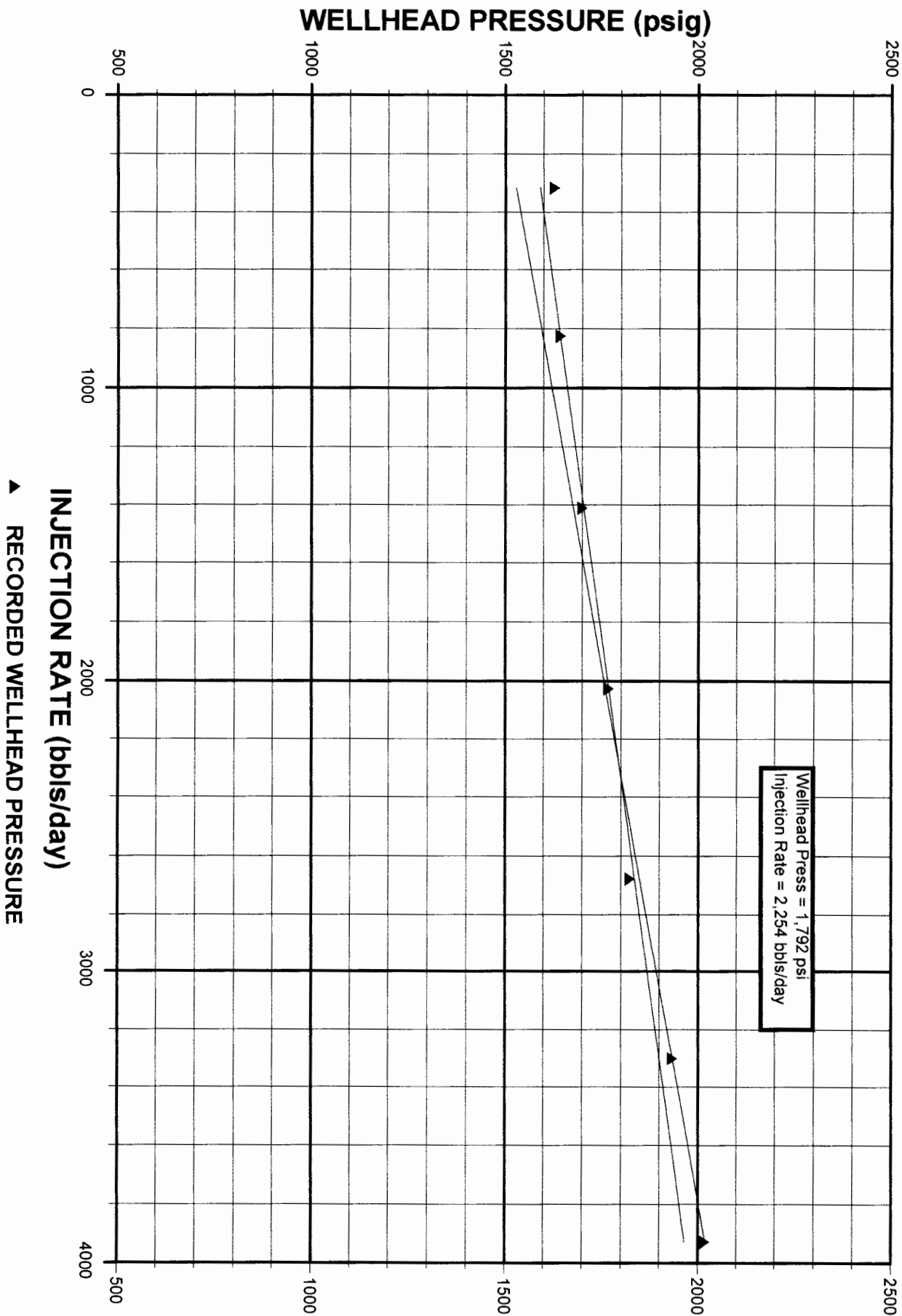
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	10:20	1579.2				1579.2		
	10:25	1601.0	1.6	460.8	6.681	1594.3	13.44	
	10:30	1625.0	3.4	518.4	8.307	1616.7	15.12	
	10:35	1632.9	5.0	460.8	6.681	1626.2	13.44	
2				480.0				
	10:40	1670.0	8.0	864.0	21.374	1648.6	25.20	
	10:45	1687.8	10.9	835.2	20.074	1667.7	24.36	
	10:50	1689.1	13.9	864.0	21.374	1667.7	25.20	
3				854.4				
	10:55	1729.0	18.5	1324.8	47.131	1681.9	38.64	
	11:00	1732.7	23.1	1324.8	47.131	1685.6	38.64	
	11:05	1734.0	27.7	1324.8	47.131	1686.9	38.64	
4				1324.8				
	11:10	1777.7	33.8	1756.8	79.444	1698.3	51.24	
	11:15	1777.6	40.4	1900.8	91.909	1685.7	55.44	
	11:20	1758.9	46.8	1843.2	86.823	1672.1	53.76	
				1833.6				
SHUT DOWN - PUMP TROUBLE								
FALLOFF	11:30	1667.8				1667.8		
	11:31	1634.1				1634.1		
	11:32	1625.3				1625.3		
	11:33	1622.8				1622.8		
	11:34	1621.6				1621.6		
	11:35	1620.3				1620.3		
	11:40	1617.8				1617.8		
	11:45	1616.6				1616.6		

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 64
Eddy County, New Mexico

Wellhead Press = 1,792 psi
Injection Rate = 2,254 bbls/day



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 12, 1997

WELL NAME: SKELLY UNIT NO. 65
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1327

PERFS = 3007-3320

PACKER DEPTH = 2958

BHP GAUGE DEPTH = 3164

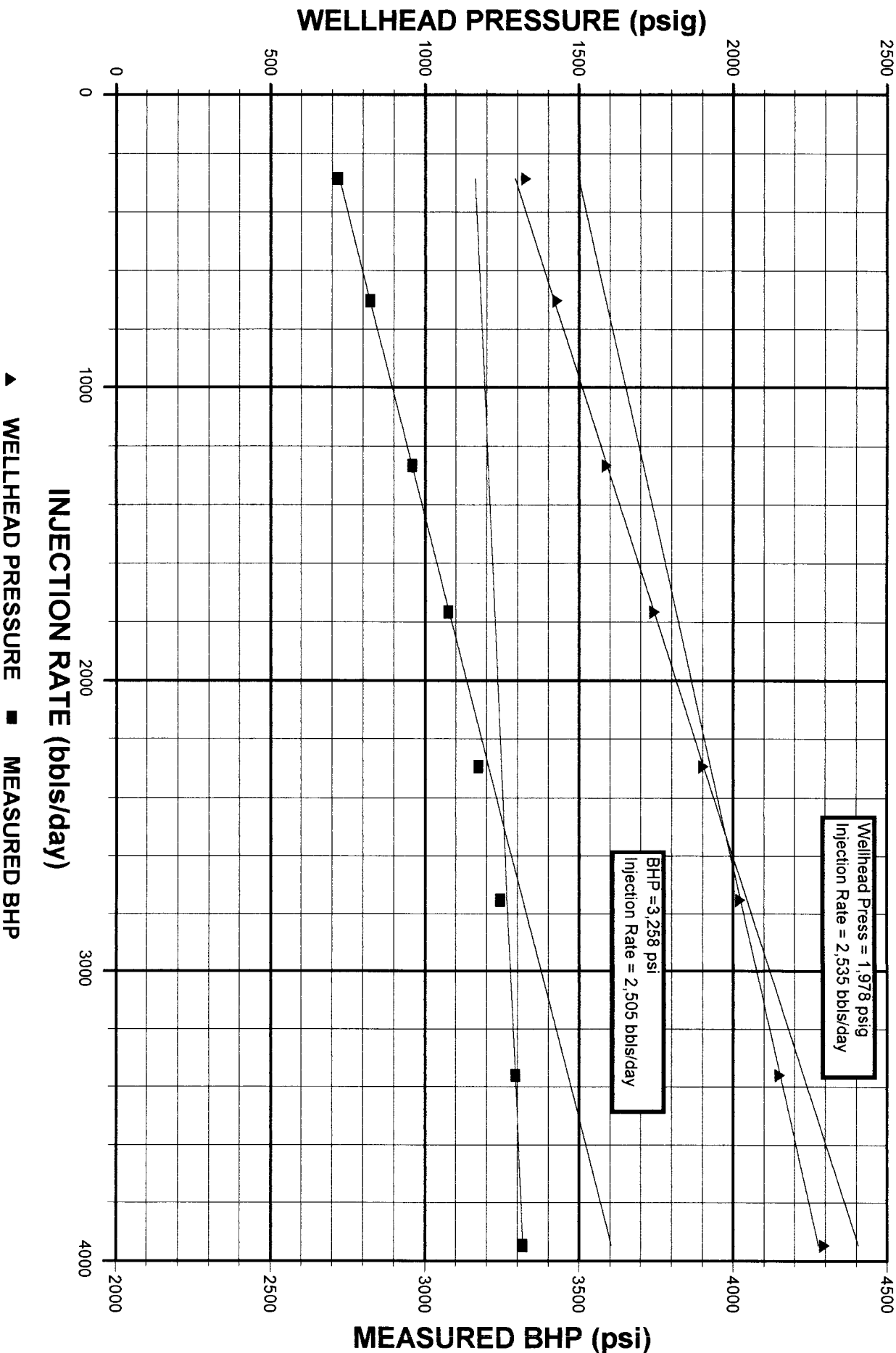
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:40	1264.1				1264.1		2655.5
	9:45	1304.2	0.9	259.2	2.245	1302.0	7.56	2690.6
	9:50	1311.8	1.9	288.0	2.729	1309.1	8.40	2707.2
	9:55	1329.4	2.9	288.0	2.729	1326.7	8.40	2720.1
2				278.4				
	10:00	1370.6	5.3	691.2	13.783	1356.8	20.16	2773.9
	10:05	1418.1	7.8	720.0	14.864	1403.2	21.00	2802.7
	10:10	1431.9	10.2	691.2	13.783	1418.1	20.16	2825.2
3				700.8				
	10:15	1525.6	14.5	1238.4	40.539	1485.1	36.12	2895.3
	10:20	1563.0	19.0	1296.0	44.096	1518.9	37.80	2933.0
	10:25	1590.5	23.4	1267.2	42.300	1548.2	36.96	2961.9
4				1267.2				
	10:30	1686.7	29.5	1756.8	77.414	1609.3	51.24	3017.5
	10:35	1715.4	35.5	1728.0	75.082	1640.3	50.40	3051.6
	10:40	1745.3	41.8	1814.4	82.175	1663.1	52.92	3077.1
5				1766.4				
	10:45	1845.2	49.7	2275.2	124.901	1720.3	66.36	3126.7
	10:50	1891.4	57.7	2304.0	127.842	1763.6	67.20	3153.3
	10:55	1903.9	65.7	2304.0	127.842	1776.1	67.20	3175.5
6				2294.4				
	11:00	1973.8	75.0	2678.4	168.908	1804.9	78.12	3208.3
	11:05	1985.0	84.7	2793.6	182.593	1802.4	81.48	3227.3
	11:10	2025.0	94.4	2793.6	182.593	1842.4	81.48	3246.1
7				2755.2				
	11:15	2128.7	105.9	3312.0	250.178	1878.5	96.60	3272.4
	11:20	2152.5	117.7	3398.4	262.385	1890.1	99.12	3286.5
	11:25	2153.7	129.4	3369.6	258.286	1895.4	98.28	3294.1
				3360.0				

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)
	11:30	2298.7	143.1	3945.6	345.852	1952.8	115.08	3318.9
	SHUT - DOWN PUMPING AIR - TRASH IN PUMP							
FALLOFF	11:36	1877.6				1877.6		3270.3
	11:37	1837.7				1837.7		3248.4
	11:38	1821.4				1821.4		3231.7
	11:39	1807.7				1807.7		3218.3
	11:40	1796.5				1796.5		3206.1
	11:45	1750.3				1750.3		3161.3
	11:50	1720.3				1720.3		3131.3

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 65
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 10, 1997

WELL NAME: SKELLY UNIT NO. 45
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1319

PERFS = 3181-3804

PACKER DEPTH = 3108

BHP GAUGE DEPTH = 3483

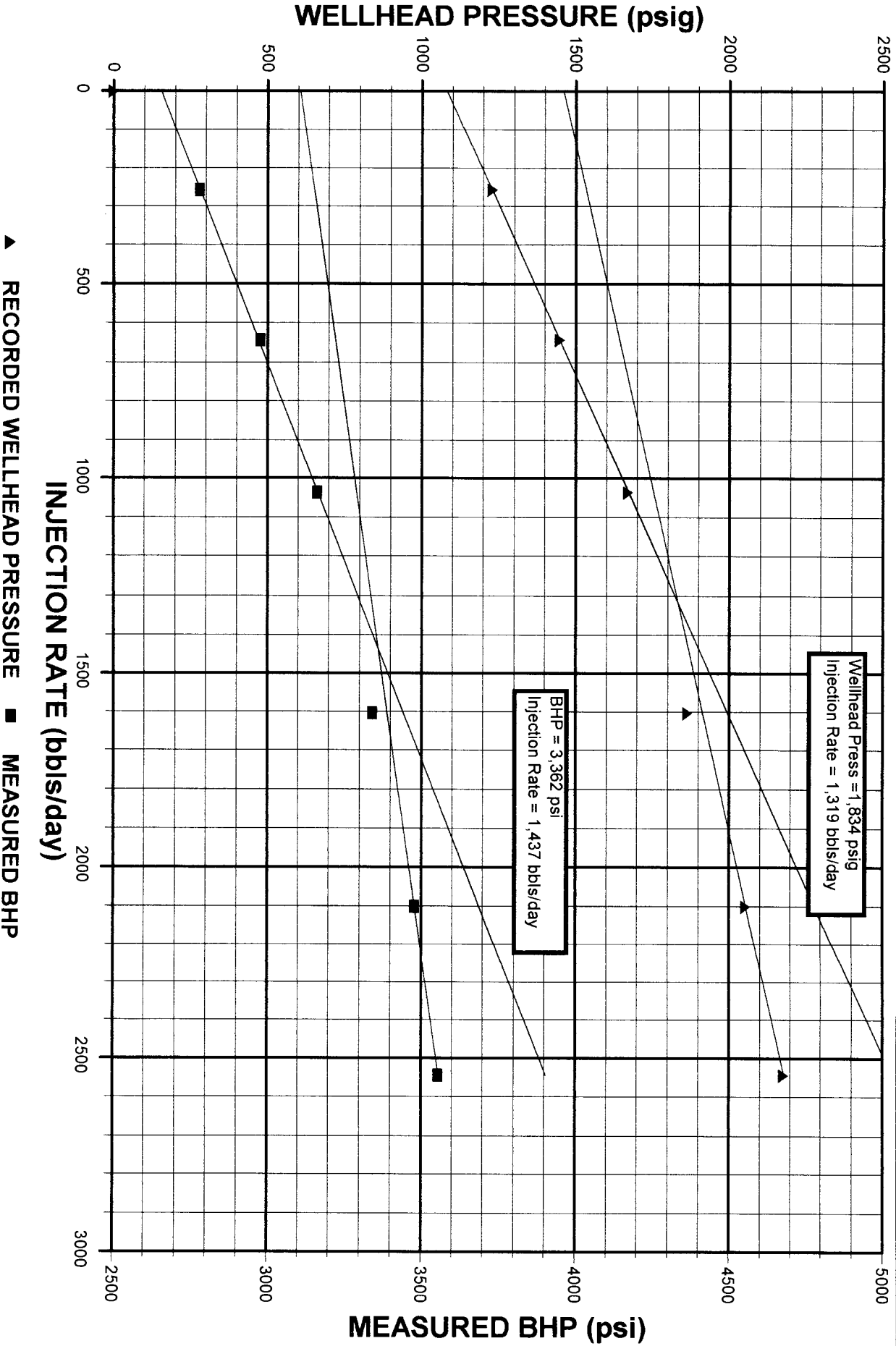
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:55	1090.1				1090.1		2642.6
	10:00	1158.9	1.0	288.0	3.012	1155.9	8.40	2724.8
	10:05	1218.9	1.8	230.4	1.994	1216.9	6.72	2755.2
	10:10	1230.2	2.7	259.2	2.479	1227.7	7.56	2780.2
				259.2				
2	10:15	1373.9	4.9	633.6	12.954	1360.9	18.48	2891.0
	10:20	1446.4	7.2	662.4	14.064	1432.3	19.32	2942.4
	10:25	1450.2	9.4	633.6	12.954	1437.2	18.48	2976.8
3				643.2				
	10:30	1576.5	13.0	1036.8	32.217	1544.3	30.24	3076.5
	10:35	1666.5	16.6	1036.8	32.217	1634.3	30.24	3122.6
	10:40	1672.8	20.2	1036.8	32.217	1640.6	30.24	3162.3
				1036.8				
4	10:45	1816.6	25.6	1555.2	68.210	1748.4	45.36	3263.0
	10:50	1851.7	31.4	1670.4	77.850	1773.8	48.72	3316.2
	10:55	1865.5	36.9	1584.0	70.565	1794.9	46.20	3343.5
5				1603.2				
	11:00	1979.2	43.9	2016.0	110.243	1869.0	58.80	3409.6
	11:05	2034.2	51.3	2131.2	122.179	1912.0	62.16	3451.9
	11:10	2055.4	58.8	2160.0	125.251	1930.1	63.00	3479.3
				2102.4				
6	11:15	2160.4	67.5	2505.6	164.828	1995.6	73.08	3523.5
	11:20	2179.1	76.5	2592.0	175.496	2003.6	75.60	3546.2
	11:25	2180.3	85.3	2534.4	168.350	2012.0	73.92	3557.4
				2544.0				
SHUT-DOWN - PUMP SUCKING AIR - UNION LEAKING								

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)
FALLOFF	11:30	1991.6				1991.6		3532.7
	11:31	1955.3				1955.3		3508.3
	11:32	1940.3				1940.3		3492.0
	11:33	1927.9				1927.9		3480.5
	11:34	1917.9				1917.9		3469.8
	11:35	1909.1				1909.1		3461.3
	11:40	1877.9				1877.9		3429.8
	11:45	1857.9				1857.9		3409.3

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 45
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 9, 1997

WELL NAME: SKELLY UNIT NO. 43
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1318

PERFS = 3358-3748

PACKER DEPTH = 3100

BHP GAUGE DEPTH = 3500

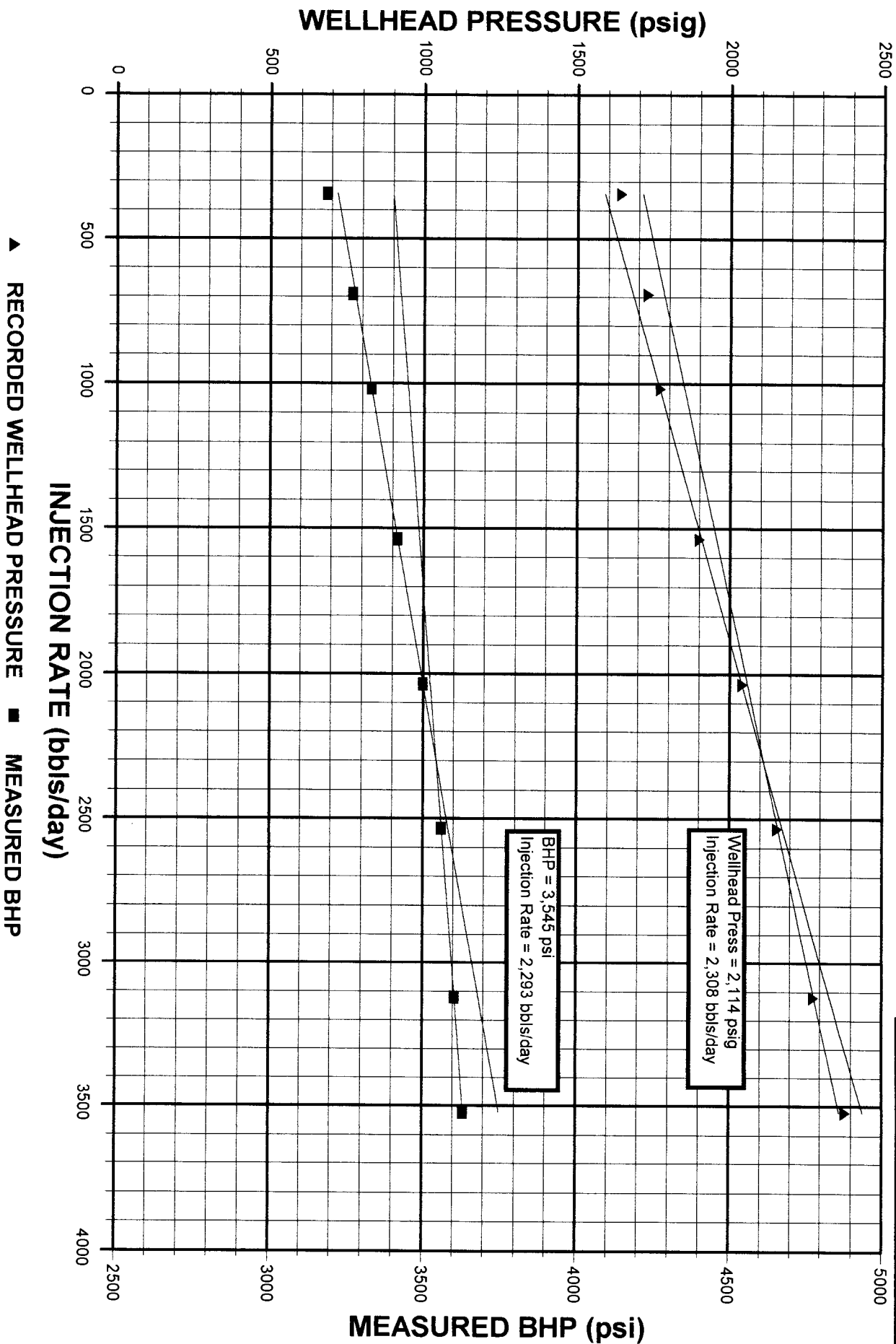
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	10:00	1576.7				1576.7		3106.8
	10:05	1628.0	1.2	345.6	4.229	1623.8	10.08	3158.2
	10:10	1641.7	2.4	345.6	4.229	1637.5	10.08	3174.9
	10:15	1645.4	3.6	345.6	4.229	1641.2	10.08	3184.4
				345.6				
2	10:20	1685.4	5.9	662.4	14.092	1671.3	19.32	3232.9
	10:25	1712.0	8.3	691.2	15.247	1696.8	20.16	3252.3
	10:30	1732.8	10.8	720.0	16.443	1716.4	21.00	3268.4
				691.2				
	10:35	1745.2	14.3	1008.0	30.642	1714.6	29.40	3298.3
3	10:40	1742.7	17.9	1036.8	32.281	1710.4	30.24	3316.1
	10:45	1772.7	21.4	1008.0	30.642	1742.1	29.40	3331.5
				1017.6				
	10:50	1867.6	26.8	1555.2	68.347	1799.3	45.36	3383.3
	10:55	1886.2	32.1	1526.4	66.024	1820.2	44.52	3403.6
4	11:00	1902.4	37.4	1526.4	66.024	1836.4	44.52	3418.1
				1536.0				
	11:05	2019.7	44.4	2016.0	110.464	1909.2	58.80	3470.8
	11:10	2034.7	51.5	2044.8	113.401	1921.3	59.64	3487.7
	11:15	2044.7	58.6	2044.8	113.401	1931.3	59.64	3501.5
5				2035.2				
	11:20	2135.9	67.3	2505.6	165.158	1970.7	73.08	3539.6
	11:25	2144.6	76.1	2534.4	168.687	1975.9	73.92	3552.5
	11:30	2160.9	85.0	2563.2	172.251	1988.6	74.76	3562.2
				2534.4				
6	11:35	2268.4	95.8	3110.4	246.390	2022.0	90.72	3589.8
	11:40	2277.1	106.6	3110.4	246.390	2030.7	90.72	3598.7
	11:45	2280.8	117.5	3139.2	250.627	2030.2	91.56	3606.0
				3120.0				

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)/34.2657	(7) MEASURED BHP (psi)
8 FALLOFF	11:50	2373.3	129.8	3542.4	313.410	2059.9	103.32	3623.8
	11:55	2375.8	142.1	3542.4	313.410	2062.4	103.32	3629.5
	12:00	2383.3	154.2	3484.8 3523.2	304.048	2079.3	101.64	3635.1
	12:01	2015.8				2015.8		3577.6
	12:02	2005.8				2005.8		3569.5
	12:03	2000.0				2000.0		3564.7
	12:04	1995.9				1995.9		3559.8
	12:05	1990.9				1990.9		3555.7
	12:10	1974.6				1974.6		3539.6
	12:15	1962.2				1962.2		3527.4

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 43
Eddy County, New Mexico



WEST - TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 8, 1997

WELL NAME: SKELLY UNIT NO. 54
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1324

PERFS = 2231-3788

PACKER DEPTH = 3112

BHP GAUGE DEPTH = 3010

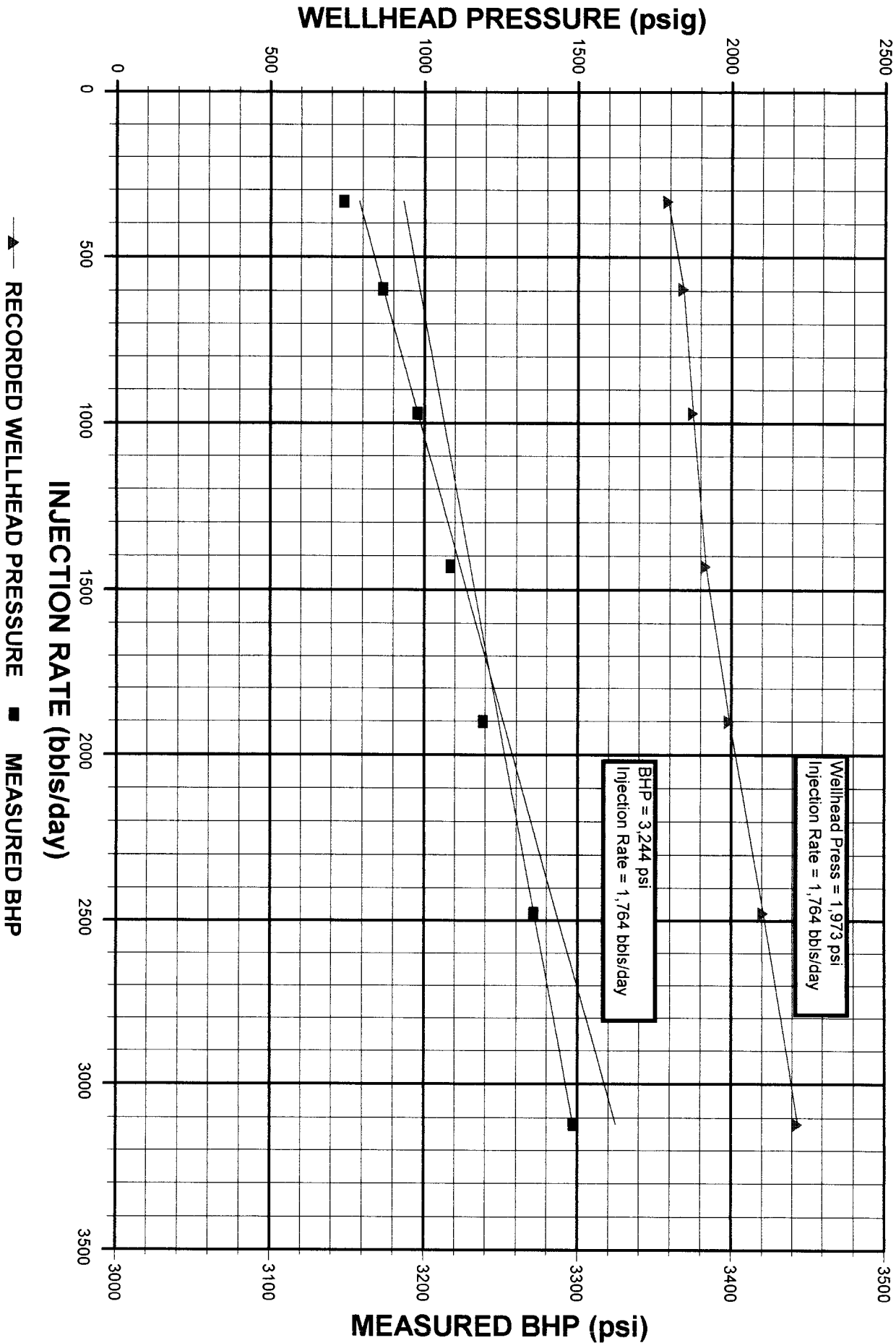
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	10:00	1774.1				1774.1		3122.3
	10:05	1792.8	1.1	316.8	3.096	1789.7	9.24	3136.5
	10:10	1801.6	2.3	345.6	3.637	1798.0	10.08	3142.1
	10:15	1792.8	3.5	345.6	3.637	1789.2	10.08	3148.2
2				336.0				
	10:20	1794.0	5.6	604.8	10.242	1783.8	17.64	3160.2
	10:25	1821.5	7.6	576.0	9.358	1812.1	16.80	3167.6
	10:30	1843.9	9.7	604.8	10.242	1833.7	17.64	3173.3
3				595.2				
	10:35	1865.1	13.2	1008.0	26.352	1838.7	29.40	3188.1
	10:40	1867.6	16.5	950.4	23.634	1844.0	27.72	3193.3
	10:45	1875.1	19.8	950.4	23.634	1851.5	27.72	3195.8
4				969.6				
	10:50	1907.5	24.8	1440.0	50.978	1856.5	42.00	3209.6
	10:55	1916.2	29.7	1411.2	49.108	1867.1	41.16	3208.7
	11:00	1918.7	34.7	1440.0	50.978	1867.7	42.00	3217.4
5				1430.4				
	11:05	1993.6	41.4	1929.6	87.604	1906.0	56.28	3231.8
	11:10	1999.8	47.9	1872.0	82.828	1917.0	54.60	3234.7
	11:15	1994.8	54.5	1900.8	85.201	1909.6	55.44	3238.6
6				1900.8				
	11:20	2099.7	63.1	2476.8	139.030	1960.7	72.24	3258.6
	11:25	2094.7	71.7	2476.8	139.030	1955.7	72.24	3261.5
	11:30	2106.0	80.3	2476.8	139.030	1967.0	72.24	3271.8
7				2476.8				
	11:35	2223.5	91.1	3110.4	211.895	2011.6	90.72	3287.0
	11:40	2227.2	101.9	3110.4	211.895	2015.3	90.72	3294.5
	11:45	2219.7	112.8	3139.2	215.539	2004.2	91.56	3297.3
				3120.0				

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)
FALLOFF	11:46	1892.4				1892.4		3255.9
	11:47	1886.1				1886.1		3246.9
	11:48	1879.9				1879.9		3240.4
	11:49	1873.6				1873.6		3234.7
	11:50	1869.9				1869.9		3229.8
	11:55	1856.2				1856.2		3217.6
	12:00	1849.9				1849.9		3211.0

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 54
Eddy County, New Mexico



WEST-TEST, INC.

A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 5, 1997

WELL NAME: SKELLY UNIT NO. 53
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1323

PERFS = 3001-3411

PACKER DEPTH = 2963

BHP GAUGE DEPTH = 3206

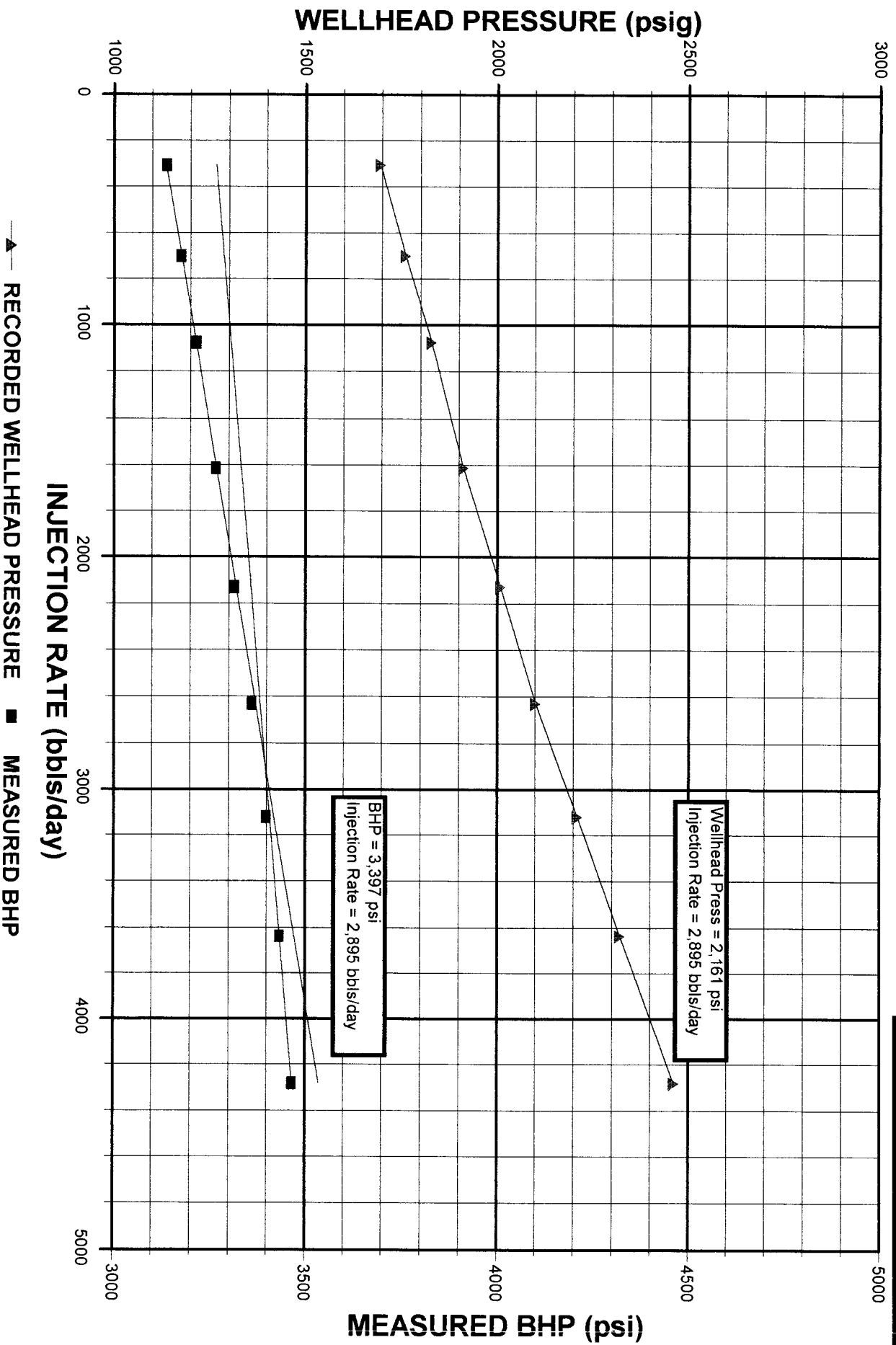
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:40	1690.3				1690.3		3114.6
	9:45	1684.2	1.1	316.8	3.298	1680.9	9.24	3126.1
	9:50	1716.7	2.2	316.8	3.298	1713.4	9.24	3133.0
	9:55	1695.5	3.2	288.0	2.765	1692.7	8.40	3138.5
2				307.2				
	10:00	1779.2	5.6	691.2	13.966	1765.2	20.16	3154.7
	10:05	1778.0	8.1	720.0	15.062	1762.9	21.00	3164.6
	10:10	1761.7	10.5	691.2	13.966	1747.7	20.16	3175.4
3				700.8				
	10:15	1811.7	14.3	1094.4	32.680	1779.0	31.92	3193.9
	10:20	1824.2	18.0	1065.6	31.107	1793.1	31.08	3207.0
	10:25	1829.2	21.7	1065.6	31.107	1798.1	31.08	3216.8
4				1075.2				
	10:30	1890.4	27.3	1612.8	66.963	1823.4	47.04	3238.9
	10:35	1922.9	32.9	1612.8	66.963	1855.9	47.04	3254.4
	10:40	1912.9	38.5	1612.8	66.963	1845.9	47.04	3267.5
5				1612.8				
	10:45	1985.3	46.2	2217.6	120.696	1864.6	64.68	3288.4
	10:50	1995.3	53.4	2073.6	106.598	1888.7	60.48	3302.8
	10:55	2010.2	60.7	2102.4	109.353	1900.8	61.32	3316.2
6				2131.2				
	11:00	2089.0	70.1	2707.2	174.571	1914.4	78.96	3335.0
	11:05	2110.2	79.0	2563.2	157.781	1952.4	74.76	3349.0
	11:10	2101.4	88.1	2620.8	164.403	1937.0	76.44	3361.9
7				2630.4				
	11:15	2185.2	98.8	3081.6	221.842	1963.4	89.88	3378.1
	11:20	2193.9	109.7	3139.2	229.574	1964.3	91.56	3389.2
	11:25	2211.4	120.6	3139.2	229.574	1981.8	91.56	3400.2
				3120.0				

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)
8	11:30	2298.9	133.3	3657.6	304.594	1994.3	106.68	3415.4
	11:35	2310.1	145.9	3628.8	300.172	2009.9	105.84	3426.3
	11:40	2322.6	158.5	3628.8	300.172	2022.4	105.84	3434.7
				3638.4				
9	11:45	2436.3	173.5	4320.0	414.432	2021.9	126.00	3448.9
	11:50	2448.8	188.2	4233.6	399.229	2049.6	123.48	3458.7
	11:55	2462.5	203.1	4291.2	409.335	2053.2	125.16	3467.0
				4281.6				
FALLOFF	11:56	2012.6				2012.6		3452.3
	11:57	2021.3				2021.3		3448.9
	11:58	2018.8				2018.8		3446.4
	11:59	2017.5				2017.5		3443.9
	12:00	2016.3				2016.3		3443.1
	12:05	2008.8				2008.8		3436.3
	12:10	2002.5				2002.5		3430.4

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 53
Eddy County, New Mexico



WEST - TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 4, 1997

WELL NAME: SKELLY UNIT NO. 58
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1325

PERFS = 3320-3568

PACKER DEPTH = 3261

BHP GAUGE DEPTH - SURFACE ONLY

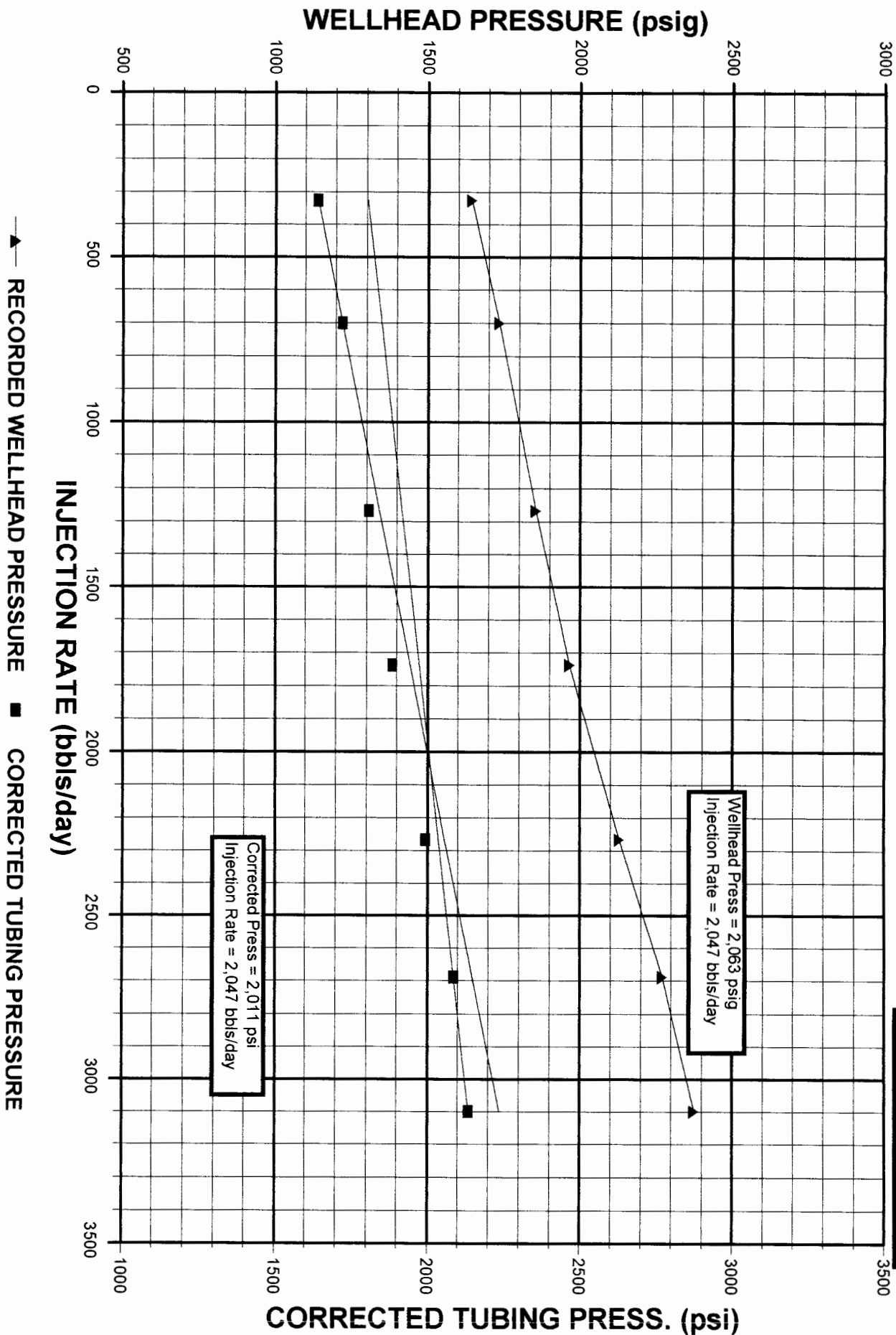
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	9:30	1621.2				1621.2		
	9:35	1662.5	1.1	316.8	3.543	1659.0	9.24	
	9:40	1662.5	2.2	316.8	3.543	1659.0	9.24	
1	9:45	1645.1	3.4	345.6	4.162	1640.9	10.08	
				326.4				
	9:50	1716.4	5.9	720.0	16.180	1700.2	21.00	
	9:55	1706.4	8.3	691.2	15.003	1691.4	20.16	
2	10:00	1736.4	10.7	691.2	15.003	1721.4	20.16	
				700.8				
	10:05	1795.2	15.1	1267.2	46.044	1749.2	36.96	
	10:10	1815.2	19.5	1267.2	46.044	1769.2	36.96	
3	10:15	1855.3	23.9	1267.2	46.044	1809.3	36.96	
				1267.2				
	10:20	1931.6	29.9	1728.0	81.727	1849.9	50.40	
	10:25	1959.2	36.1	1785.6	86.838	1872.4	52.08	
4	10:30	1966.7	42.0	1699.2	79.225	1887.5	49.56	
				1737.6				
	10:35	2101.7	49.9	2275.2	135.955	1965.7	66.36	
	10:40	2107.9	57.7	2246.4	132.788	1975.1	65.52	
5	10:45	2130.3	65.6	2275.2	135.955	1994.3	66.36	
				2265.6				
	10:50	2226.5	74.9	2678.4	183.856	2042.6	78.12	
	10:55	2250.2	84.3	2707.2	187.530	2062.7	78.96	
6	11:00	2271.5	93.6	2678.4	183.856	2087.6	78.12	
				2688.0				
	11:05	2369.0	104.5	3139.2	246.617	2122.4	91.56	
	11:10	2372.7	115.2	3081.6	238.311	2134.4	89.88	
7	11:15	2375.3	125.9	3081.6	238.311	2137.0	89.88	
				3100.8				

STEP NO. & REMARKS	TIME	(1)	(2)	(3)	(4)	(5)	(6)	(7)
		SURFACE TUBING PRESS. (psig)	CUMMULATIVE VOL. INJECTED (bbls)	INJECTION RATE (bbls/day)	FRICTION HEAD LOSS (psi)	CORRECTED TUBING PRESS. (psi) (1) - (4)	INJECTION RATE (gpm) (3)/34.2857	MEASURED BHP (psi)
FALLOFF	SHUT DOWN - WATER STATION DOWN - OUT OF WATER							
	11:16	1951.6				1951.6		
	11:17	1950.3				1950.3		
	11:18	1945.3				1945.3		
	11:19	1940.3				1940.3		
	11:20	1935.3				1935.3		
	11:25	1915.3				1915.3		
	11:30	1909.1				1909.1		

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 58
Eddy County, New Mexico



WEST-TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 3, 1997

WELL NAME: SKELLY UNIT NO. 51
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1322

PERFS = 3215-3574

PACKER DEPTH = 3162

BHP GAUGE DEPTH = 3395

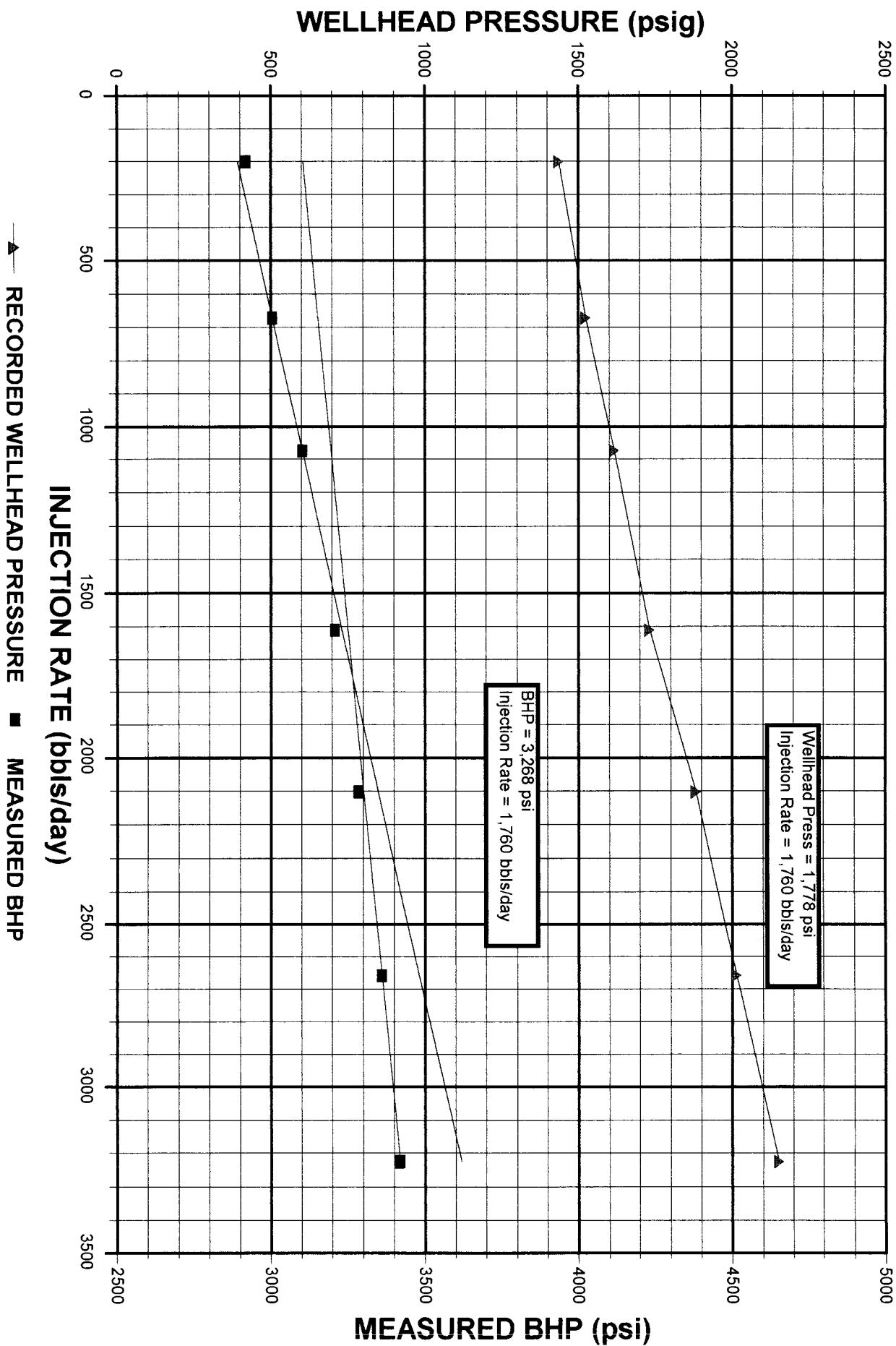
STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1)-(4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
1	9:35	1339.0				1339.0		2845.6
	9:40	1401.5	0.7	201.6	1.514	1400.0	5.88	2882.5
	9:45	1411.5	1.4	201.6	1.514	1410.0	5.88	2902.9
	9:50	1437.7	2.1	201.6	1.514	1436.2	5.88	2920.5
				201.6				
2	9:55	1481.5	4.4	662.4	13.670	1467.8	19.32	2960.2
	10:00	1490.2	6.8	691.2	14.789	1475.4	20.16	2985.4
	10:05	1525.2	9.1	662.4	13.670	1511.5	19.32	3006.6
3				672.0				
	10:10	1565.3	12.8	1065.6	32.941	1532.4	31.08	3047.5
	10:15	1615.3	16.5	1065.6	32.941	1582.4	31.08	3079.5
	10:20	1617.9	20.3	1094.4	34.607	1583.3	31.92	3103.4
4				1075.2				
	10:25	1712.9	26.0	1641.6	73.271	1639.6	47.88	3149.6
	10:30	1752.9	31.6	1612.8	70.910	1682.0	47.04	3181.2
	10:35	1733.0	37.1	1584.0	68.585	1664.4	46.20	3209.9
5				1612.8				
	10:40	1829.2	44.6	2160.0	121.737	1707.5	63.00	3239.1
	10:45	1858.0	51.8	2073.6	112.882	1745.1	60.48	3265.2
	10:50	1882.9	59.0	2073.6	112.882	1770.0	60.48	3285.4
				2102.4				
6	10:55	1992.8	68.3	2678.4	181.240	1811.6	78.12	3320.9
	11:00	2014.1	77.4	2620.8	174.095	1840.0	76.44	3344.1
	11:05	2015.2	86.7	2678.4	181.240	1834.0	78.12	3361.6
				2659.2				
7	11:10	2136.5	97.9	3225.6	255.631	1880.9	94.08	3388.5
	11:15	2151.4	109.1	3225.6	255.631	1895.8	94.08	3405.5
	11:20	2153.9	120.3	3225.6	255.631	1898.3	94.08	3420.7
				3225.6				

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)
FALLOFF	11:25	2252.6				2252.6		3439.9
	11:26	1904.0				1904.0		3416.3
	11:27	1890.2				1890.2		3406.6
	11:28	1882.7				1882.7		3400.0
	11:29	1876.5				1876.5		3393.5
	11:30	1871.5				1871.5		3387.8
	11:35	1849.0				1849.0		3366.4
	11:40	1832.7				1832.7		3350.8
	11:45	1819.0				1819.0		3336.0
SHUT DOWN - METER PLUGGED OFF								

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 51
Eddy County, New Mexico



WEST - TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: THE WISER OIL COMPANY

DATE: SEPTEMBER 2, 1997

WELL NAME: SKELLY UNIT NO. 79
EDDY COUNTY, NEW MEXICO

WO#: 97-14-1331

OPEN HOLE = 3634-3798

PACKER DEPTH = 3194

BHP GAUGE DEPTH = SURFACE ONLY

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)/34.2657	(7) MEASURED BHP (psi)
1	9:20	1492.6				1492.6		
	9:25	1530.2	1.0	288.0	2.821	1527.4	8.40	
	9:30	1549.2	1.9	259.2	2.321	1546.9	7.56	
	9:35	1549.3	3.0	316.8	3.365	1545.9	9.24	
				288.0				
2	9:40	1579.3	5.3	662.4	13.169	1566.1	19.32	
	9:45	1580.6	7.6	662.4	13.169	1567.4	19.32	
	9:50	1606.8	10.0	691.2	14.248	1592.6	20.16	
3				672.0				
	9:55	1664.2	13.8	1094.4	33.340	1630.9	31.92	
	10:00	1684.2	17.7	1123.2	34.981	1649.2	32.76	
	10:05	1715.4	21.6	1123.2	34.981	1680.4	32.76	
4				1113.6				
	10:10	1760.4	27.3	1641.6	70.588	1689.8	47.88	
	10:15	1780.3	32.6	1526.4	61.699	1718.6	44.52	
	10:20	1777.8	38.0	1555.2	63.869	1713.9	45.36	
5				1574.4				
	10:25	1868.9	45.1	2044.8	105.972	1762.9	59.64	
	10:30	1880.2	52.2	2044.8	105.972	1774.2	59.64	
	10:35	1882.6	59.3	2044.8	105.972	1776.6	59.64	
				2044.8				
6	10:40	1975.0	68.0	2505.6	154.339	1820.7	73.08	
	10:45	1980.0	76.8	2534.4	157.637	1822.4	73.92	
	10:50	1988.7	85.5	2505.6	154.339	1834.4	73.08	
				2515.2				
7	10:55	2069.9	95.7	2937.6	207.145	1862.8	85.68	
	11:00	1922.5	105.3	2764.8	185.168	1737.3	80.64	
	11:05	2094.8	114.9	2764.8	185.168	1909.6	80.64	
				2822.4				

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
STEP NO. & REMARKS	TIME	SURFACE TUBING PRESS. (psig)	CUMMULATIVE VOL. INJECTED (bbls)	INJECTION RATE (bbls/day)	FRICTION HEAD LOSS (psi)	CORRECTED TUBING PRESS. (psi) (1) - (4)	INJECTION RATE (gpm) (3)/34.2857	MEASURED BHP (psi)
	SHUT DOWN - PUMPING AIR							
FALLOFF	11:10	1697.8				1697.8		
	11:11	1768.9				1768.9		
	11:12	1752.7				1752.7		
	11:13	1739.0				1739.0		
	11:14	1727.7				1727.7		
	11:15	1719.0				1719.0		
	11:20	1687.7				1687.7		
	11:25	1669.0				1669.0		

STEP RATE INJECTION TEST

THE WISER OIL COMPANY

Well Name:
Skelly Unit No. 79
Eddy County, New Mexico

