

RRGE-2 Flow TEST
 $Q = 250 \text{ gpm}$

3-3¹/₄, 77

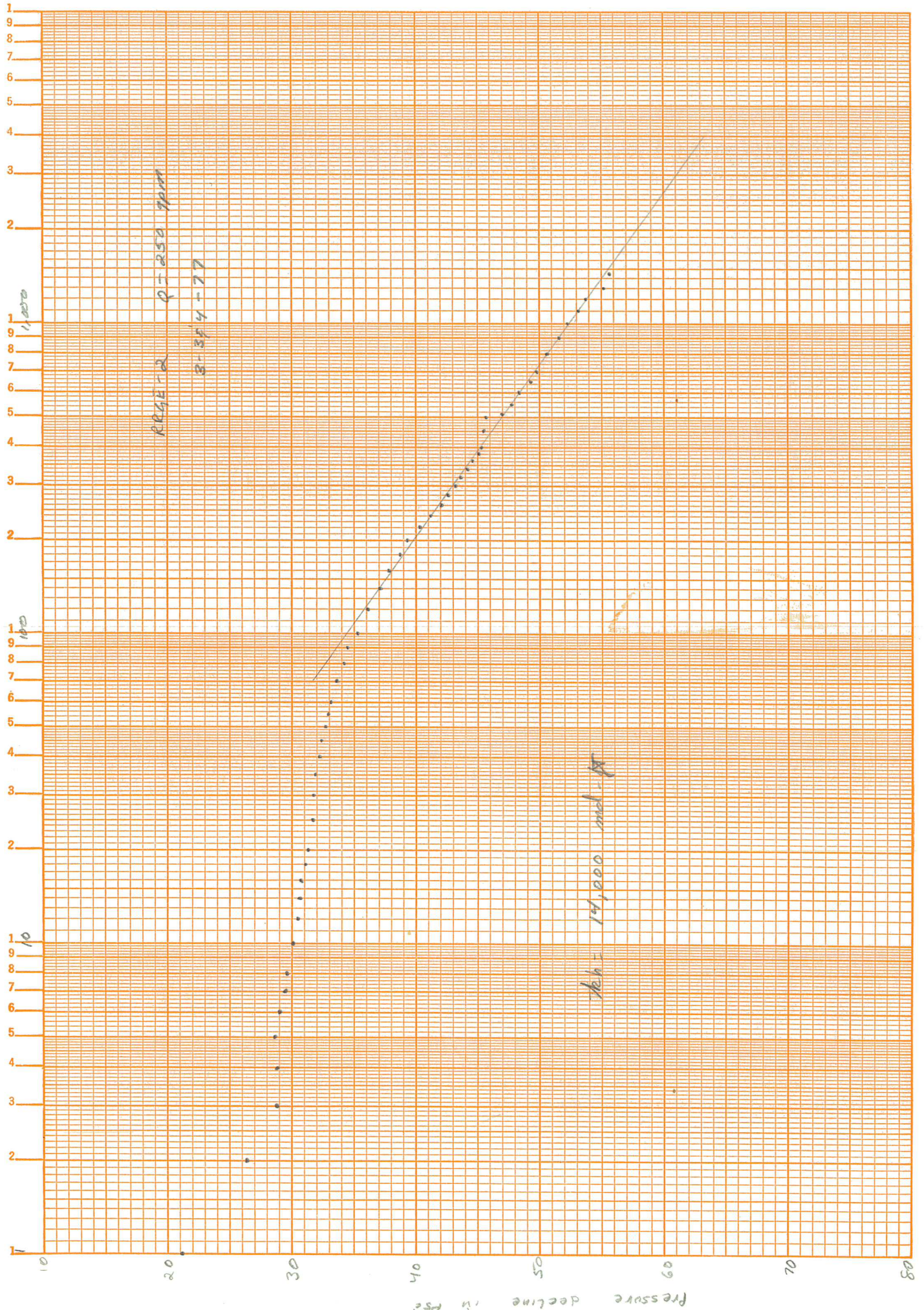
G1L07305-4

	Time (min)	WHP (PSIA)	Δ Time (min)	Δ WHP (PSI)	Comments
3-3-77	12:10	162.054	0	—	Begin Flow
	12:11	140.781	1	21.27	
	12:12	135.586	2	26.47	
	12:13	133.179	3	28.88	
	12:14	133.754	4	28.83	
	12:15	133.424	5	28.63	
	12:16	133.012	6	29.04	
	12:17	132.618	7	29.44	
	12:18	132.396	8	29.66	
	12:20	131.894	10	30.16	
	12:22	131.641	12	30.40	
	12:24	131.445	14	30.60	
	12:26	131.267	16	30.78	
	12:28	131.028	18	31.02	
	12:30	130.799	20	31.25	
	12:35	130.352	25	31.70	
	12:40	130.222	30	31.83	
	12:45	130.100	35	31.95	
	12:50	129.824	40	32.23	
	12:55	129.666	45	32.39	
	13:00	129.243	50	32.81	
	13:05	129.109	55	32.95	
	13:10	128.953	60	33.10	
	13:20	128.448	70	33.61	
	13:30	127.850	80	34.20	
	13:40	127.482	90	34.57	
	13:50	126.842	100	35.21	
	14:10	125.907	120	36.15	
	14:30	124.877	140	37.18	
	14:50	124.154	160	37.90	
	15:10	123.284	180	38.77	
	15:30	122.776	200	39.29	
	15:50	121.805	220	40.25	
	16:10	120.795	240	41.26	
	16:30	119.935	260	42.12	
	16:50	119.450	280	42.60	
	17:00	118.943	300	43.07	

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3-3-77

	Time (min)	WHP (PSIA)	Δ time (min)	Δ WHP (PSI)	COMMENTS
3-3-77	17:30	118.444	320	43.61	
	17:50	117.940	340	44.11	
	18:10	117.418	360	44.64	
	18:30	116.961	380	45.14	
	18:50	116.741	400	45.31	} Problems w/ Δ P gauge
	19:40	116.563	450	45.49	
	20:30	116.211	500	45.84	
	20:40	115.147	510	47.01	
	20:50	114.687	520	47.37	
	21:10	114.237	550	47.82	
	22:10	113.656	600	48.40	
	23:00	112.720	650	49.33	
	23:50	112.169	700	49.89	
2-4-77	01:30	111.344	800	50.71	
	03:10	110.379	900	51.68	
✓	04:50	109.818	1000	52.24	
	06:30	108.901	1100	53.15	
	08:10	108.172	1200	53.88	
	09:50	106.736	1300	55.32	
	11:30	105.804	1400	56.25	
	12:10	106.191	1440	55.86	



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D48

(1)

TIME MST	Back Press PSIG	Well Head PSIG	Temp °F	ΔP PSIG	Flow GPM
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1120	-	162.114	226		19
1130	-	162.048	228		19
1140	-	162.052	227		19

TEST DELAY BECAUSE OF LOOSE VALVE FLANGE

1205	152	161.991	223	ZERO	19
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0
5
10
20
30
50
70
80
90
100
110
~~120~~
120
140
160
180
200
220

1210	STARTED	250 gpm flow	21.6 8P	Terminated	19 gpm flow RESERVE PIT ~ 30"
1215	123.5	133.424	236	21.6	
1220	122	133.894	239	21.6	
1230	120	130.799	245	21.6	
1240	120	130.224	248	21.6	
1300	119	129.243	255	21.6	
1320	118 ¹¹⁰	128.448	260	21.6	
1330	117	127.850	263	21.6	
1340	116	127.482	263	21.6	
1350	116 ¹⁰⁰	126.842			
1400	116 ¹¹⁰	126.351	266	21.6	
1410	115.5	125.907	267	21.6	
1430	115 ¹³⁰	124.877	266	21.6	
1450	114	124.154	267	21.6	
1510	113	123.284	268	21.6	
1530	112	122.776	268	21.6	
1550	111	121.805	268	21.6	

3-3-77 RAB

(2)

	TIME	Back Pressure PSIG	Well Head Press PSIA	Temp. °F	ΔP PSI	Flow GPM
240	1610	110	120.795	267	21.6	
260	1630	109	119.935	267	21.6	
280	1650	108.5	119.450	266	21.6	
300	1710	108	118.983	266	21.6	
320	1730	107.5	118.444	266	21.6	
340	1750	107.5	117.848	267	21.6	
360	1810	106.5	117.468	268	21.6	
380	1830	106	116.961	269	21.6	
400	1850	105.5	116.741	268	21.6	
420	1910	105	116.437	270	21.6	
440	1930	105	116.102	268	21.6	
460	1950	106	116.574	270	21.6	
480	2010	105.5	116.402	268	21.6	
500	2030	105.5	116.211	268	21.6	
510	2040		115.147			Redid - Something
520	2050	104	114.687	269	21.6	
540	2110	104	114.363	268	21.6	
560	2130	104	114.118	269	21.6	
580	2150	103.5	113.875	270	21.6	
600	2210	103.5	113.656	268	21.6	
620	2230	103	113.434	268	21.6	
	2300	102.5	112.720	269	21.6	

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DAS

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	TIME MST	BACK PRESSURES PSIG	Well Head P PSIA	Temp. °F	ΔP PSI	flow gpm
	2320	102.5	112.464	270	21.6	
	2340	102	112.264	269	21.6	
	2400	102	112.140	269	21.6	
		3-4-77				
	0100	102	111.600	270	21.6	
800	0130	100	111.344	270	21.6	
	0200	100	111.138	270	21.6	
860	0230	100	110.916	269	21.6	
890	0300	100	110.590	270	21.6	
950	0400	100	110.124	269	21.6	
1010	0500	99.5	109.705	269	21.6	
1070	0600	99	109.087	269	21.7	
1130	0700	99	108.727	269	21.7	
1160	0730	98	108.514	270	21.6	
1190	0800	98	108.140	268	21.6	
1220	0830	98	107.664	268	21.6	
	0900	97.5	107.027	269	21.6	
	0930	97	106.929	270	21.6	
ΔT	1000	97	106.602	269	21.6	
1400	1030	96.5	106.505	270	21.6	

TIME MST	Back Pressure Psi _g	Well Head Psi _a	Temp °F	ΔP Psi	flow
1100	96.5	106.324	270	21.6	
1130	96.0	105.804	268	21.6	
1200	95.5	106.008	270	21.6	
1210		106.191			
1210	Shut in well flow				Reservoir level ~47"
	Start ~9 gpm ΔP meter ZEROED @ 1 st				
1215	10 sec readings				
1230	1 minute readings				
1310	10 minute readings				