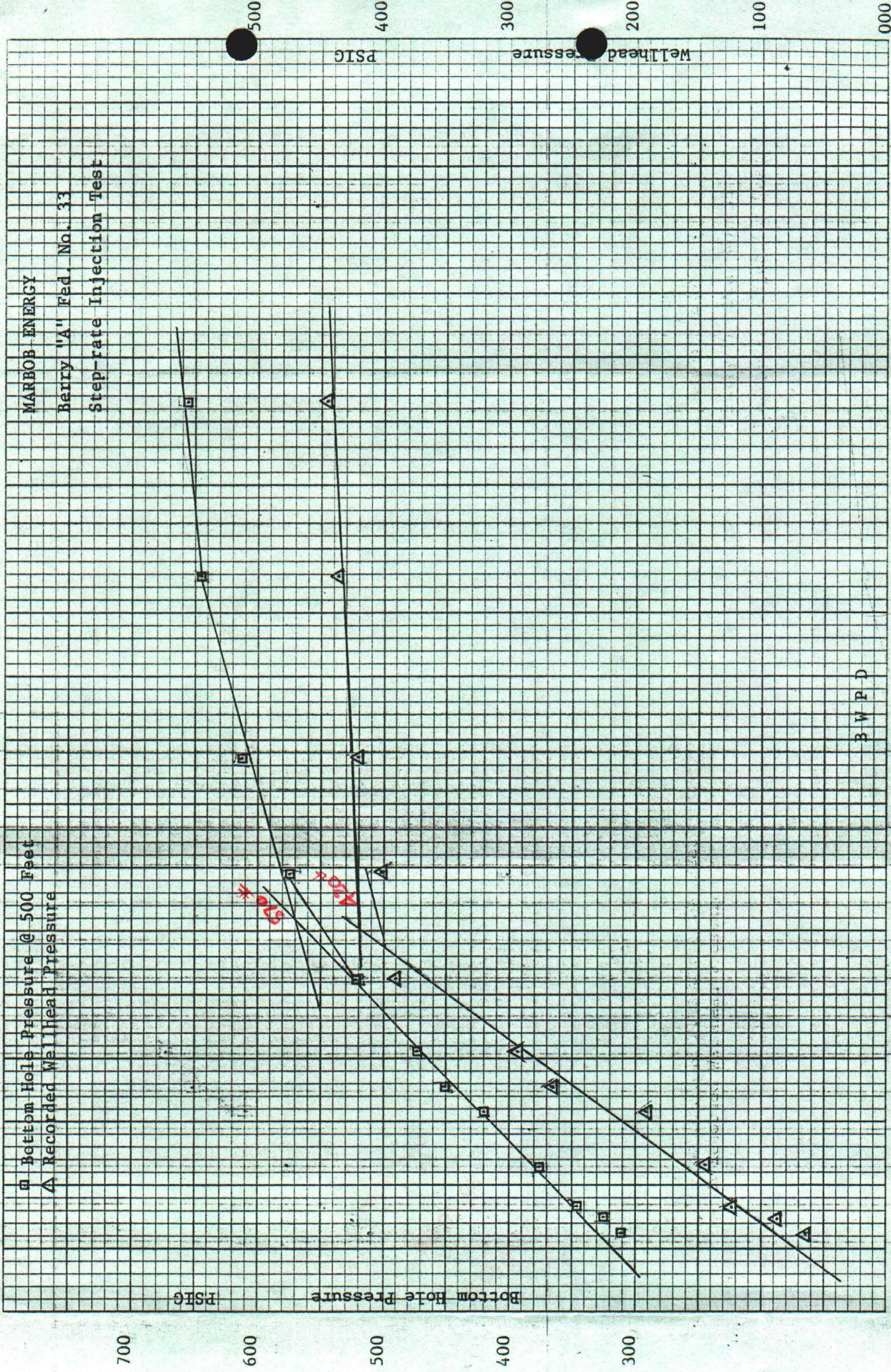


R 21- 175-27E



Step Rate Injection Test

Well Name BERRY " A " #3 - FED.Date 2/27/89CO. Name MARBOB ENERGY

Remarks	Time	Tbg. Press.	Rate B PD	Total	B H P	Tbg. Press.	Rate G P M	HEAD LOSS
				SET BOMB AT	500'			
	10:35			0	290.9			
	10:40	47.2	23.04	.08	301.5			
	10:45	54.6	25.92	.17	306.7			
1	10:50	67.0	25.92	.26	310.5	61.99	0.73	.01
			24.959					
	10:55	73.10	46.08	.42	318.7			
	11:00	79.50	43.20	.57	322.40			
2	11:05	88.60	46.08	.73	326.8	88.59	1.32	.014
			45.11					
	11:10	103.8	72.00	.98	337.2			
	11:15	115.10	69.12	1.22	342.40			
3	11:20	122.60	54.72	1.41	347.70	122.57	1.90	.028
			65.28					
	11:25	144.10	115.20	1.81	362.60			
	11:30	167.00	146.88	2.32	373.00			
4	11:35	145.40	135.36	2.79	378.10	145.30	3.86	.103
			132.48					
	11:40	179.90	218.88	3.55	401.80			
	11:45	181.80	218.88	4.31	411.30			
5	11:50	192.00	216.00	5.06	419.50	191.74	6.36	.257
			217.92					
	11:55	222.50	259.20	5.96	437.20			
	12:00	263.20	241.92	6.86	445.00			
6	12:05	266.90	259.32	7.75	451.0	266.55	7.53	.352
			258.23					
	12:10	291.20	319.68	8.86	468.30			
	12:15	292.50	308.16	9.93	477.60			
7	12:20	292.50	308.16	11.00	472.80	257.50	9.10	.500
CHANGE METERS			312.00	DOWN FIVE MINUTES				
	12:40							
	12:45	299.60	432.0	1.50	503.00			
	12:50	319.80	420.0	2.96	516.80			
8	12:55	390.10	414.7	4.40	523.2	389.22	12.32	.876
			422.39					

JOHN WEST ENGINEERING

Step Rate Injection Test

Well Name BERRY "A" FED#33

Date 2-17-89

CO. Name MARBOB ENERGY

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