

ETZ "J" STATE, WELL NO. 15
EDDY COUNTY, NEW MEXICO

Stage No.	Perfs.	15%		20/40 Mesh Sand	Ball Sealers And Action	Max. Press.	Min. Press.	Avj. Rate B/PM	ISDP	5 Min SDP	10 Min SDP	15 Min SDP
		HCL	Gals Acid									
1 - Open Hole	3346 - 4010	2300	750	40,000 - 40,000	1700# Rock Salt & 1100# Benzoic Acid flakes - fair action.	3600	3400	26.0	1400	Communication with perfs above - moved pkr up hole set @ 3045'.		
2 - 32 Holes	3072 - 3294 3346 - 4010	2300	500	53,000 - 53,000	3000# Rock Salt & 1600# Benzoic Acid Flakes - Good action	4400	3000	23.5	1500	1250	1200	1200
3 - 8 Holes	2928 - 2935	2700	250	27,000 - 27,000	0	4500	4100	17.5	2800	2500	2300	2200
4 - 9 Holes	2785 - 2812	2000	0	16,000 - 16,000	1 Ball Sealer 300# Rock Salt & 200# Benzoic Acid Flakes - Good Action	4500	4400	20.0	Communications with perfs above.			
5 - 9 Holes	2785 - 2812	2000	0	33,000 - 33,000	3 Ball Sealers Good Action	4000	3500	27.5	1500	1450	1400	1400
8 Holes	2673 - 2684											
12 Holes	2546 - 2582	3500	250	27,000 - 27,000	1 Ball Sealer Good Action	4350	4000	22.5	1800	1500	1450	1400

Total Frac: 1750 Gals Acid
196,000 Pounds, 196,000 Gallons