

ETZ "A" STATE, WELL NO. 16

Stage No.	Perfs.	15% HCL		20/40 Mesh Sand	Ball Sealers And Action	Max. Press.	Min. Press.	Avj. Rate		5 Min SDP	10 Min SDP	15 Min SDP
		BDP	Gals Acid					B/PM	ISDP			
1	Open Hole 3305 - 4000'	2200	750 - 20%	50,000 - 47,000#	400# Benzoic 400# Salt - Good Action	3600	3100	24 BPM	1100	1000	Communications through Perfs above.	
			500 - 15%									
2 - 23 Holes	Open Hole 3027 - 3262	1100	0	55,000 - 55,000#	1100# Salt 1100# Benzoic Good Action	3500	3000	20 BPM	1200	1150	1150	
3 - 9 Holes	2873 - 2889	2000	0	29,000 - 29,000#	0	3700	3700	18 BPM	1800	Communications through Perfs above.		
4 - 14 Holes	2520 - 2648	2500	0	30,000 - 30,000#	7 - No Action	3500	3400	22 BPM	1350	1250	1150	1100

Did not treat Premier Zone from 2742 - 2759 because of Commnications.

Total Frac: Acid: 4125 Gallons
Sand: 164,000 Gallons, 161,000 pounds