No. 1 Federal "E" Drill Stem Tests Page 2

DST No. 4-B

11,610' - 11,745': pre-flow 15" with weak blow, Initial Shut In 30", open 30" with very weak blow, Final Shut In 60". Recovered 1,000' of fresh water blanket and 20' drilling fluid. Sampler: 2,000 cc drilling fluid -250# pressure.

Pressures:	IHP	6266#
	ISIP	624#
	IFP	435#
	FFP	446#
	FSIP	632#
	FHP	62 75 #

DST No. 5

12,600' - 12,683': 15" pre-flow - 60" SI - 60" flow period - 120" SI. Tool opened with immediate fair blow increasing to strong blow. GTS in 10". F/720 Mcf increasing steadily to 820 Mcf on 1" choke at end of pre-flow. Reopened tool. F/820 Mcf/D increasing steadily to 1,100 Mcf/D then declined to 960 Mcf/D at end of flow period. Recovered 1,000' water blanket plus 500' heavy gas and condensate cut mud. Sampler: 27 cu ft gas and 400 cc condensate.

Pressures:	IHP	833 5 #
	60" IFP	715#
	60" ISIP	5680#
	FFP	746#
	120" FSIP	5560#
	FHP	8185#