Mr. Edward W. Hooper Page Six October 13, 1975

Pressures				
Chart	Тор	Btm.		
IHP	6053#	6130#		
30" pre-flow: II	F 139#	162#		
FI	₹ 208#	277 <i>#</i>		
90" ISIP	4839	4809 <i>#</i>		
90" flow: IF	208#	27 7#		
FF	324#	462#		
3' FSIP	4609#	4672#		
FHP	6039#	6107#		

After testing, the well was drilled through a predominantly sand section to 11,790' where it was again circulated out for a drill stem test. Sand in this interval was poorly sorted, ranging in grain size from fine to coarse. Most of the sand appeared to be fairly well consolidated and tight, which was supported by the rather slow drilling time for sand. Slight gas increases were observed.

> DST No. 4, 11,546-790', open 2 1/2', 30" pre-flow - weak increasing to good blow through the rubber test hose. Shut-in 90". Reopened with very weak increasing to good blow through the test hose for 2' flow test. Recovered 500' GCDM and 485' GCSW. Sampler: Recovered .14 CFG + 2000 cc GCDM under 250# pressure. BHT 195° F.

Pressures				
Chart		Тор	Btm.	
IHP	•	6160#	6285#	
30" pre-flow:	IF	86#	258#	
	\mathbf{FF}	216 #	386#	
90" ISIP		4785 <i>#</i>	4935#`	
2' flow: IF		216#	429 <i>#</i>	
FF		4 53#	. 694#	
4' FSIP		4701#	4788#	
FHP		6160#	62 85#	

The well was drilled to a total depth of 12,070' in the Barnett shale. The Lower Morrow (M4) section contained mostly fine grained, shaly, calcareous, tight, micaceous sandstones; some oolitic limestone; and black, smooth and black, silty shales. No significant drilling break or gas shows were observed.