LESSEE Phillips Petroleum Company LESSOR [illegible]

WELL NO. 8 SEC. 11 T. 17 R. 8 GRAGE COUNTY [illegible] 02623

FORMATION RECORD

From	To	Feet	Note each change in formation, i. e., sand, lime, shale, sandy shale, etc. Note character of each formation, i. e., color, hard, soft, caving, etc. Underreamed? Note contents of each formation, i. e., oil, gas, water, and kind of water—salty, etc.
Surface			
Shale, red soft	70	70	
Lime, white hard	70	85	
Shale, red soft	85	145	
Lime, white hard	145	320	
Shale, light soft	320	455	
Sand, gray soft	455	480	4 b.w.
Lime, white hard	480	455	
Shale, dark soft	455	510	
Lime, white hard	510	515	
Shale, light soft	515	575	
Lime, white hard	575	585	
Shale, light soft	585	630	
Lime, white hard	630	645	
Shale, dark soft	645	710	
Lime, white hard	710	725	
Shale, brown soft	725	750	
Lime, white hard	750	765	
Shale, dark soft	765	840	
Lime, white hard	840	845	
Sand, gray soft	845	865	5 b.w.
Shale, light soft	865	950	15½" at 930'
Lime, white hard	950	960	SL
Shale, dark soft	960	975	
Lime, white hard	975	1005	
Shale, dark soft	1005	1015	
Lime, white hard	1015	1040	
Shale, dark soft	1040	1105	
Lime, gray hard	1105	1125	
Slate, dark soft	1125	1170	NFW
Sand, white soft	1170	1275	Water at 1170'
Lime, gray medium hard	1275	1290	12½" at 1280 SL
Shale, light soft	1290	1510	Cave 1400' NFW at 1510'
Sand, light soft	1510	1540	
Shale, dark soft	1540	1555	10" at 1550'
Lime, white hard	1555	1595	SL
Shale, light soft	1595	1645	10 b.w. at 1645' to 1655'
Sand, gray soft	1645	1685	
Shale, dark soft	1685	1740	
Lime, white hard	1740	1755	
Shale, dark soft	1755	1915	NFW at 1920'
Sand, white soft	1915	2090	
Sandy shale, light soft	2090	2140	
Sand, gray med. hard	2140	2190	
Shale, blue soft	2190	2270	
Sand, gray soft	2270	2300	
Sandy shale, light soft	2300	2340	
Sand, gray soft	2340	2355	
Sandy lime, gray med. hard	2355	2365	8½" at 2360' SL