LESSEE Phillips Petroleum Company. LESSOR Osage Tribe of Indians (Norman)

WELL NO. 3 NE SEC. 11 T. 27 R. 5 OSAGE COUNTY

FORMATION RECORD

0-4250

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	0	10	Red rock	
	10	25	Lime, light hard	19' 7" - 20" csg.
	25	50	Mud, blue soft	
	50	60	Lime, gray hard	
	60	80	Mud, red soft	
	80	90	Rock, red soft	02619
	90	100	Lime, light hard	
	100	170	Lime, light hard	
	170	175	Shale, blue soft	
	175	215	Lime, dark hard	
	215	285	Lime, dark hard	
	285	300	Shale, blue soft	
	300	310	Lime, light hard	
	310	315	Shale, blue soft	
	315	325	Lime, light hard	
	325	370	Shale, blue soft	
	370	385	Shale, blue soft	
	385	390	Sand, light soft	water 5 B. W.
	390	435	Shale, blue soft	
	435	460	Shale, blue soft	
	460	470	Lime, gray hard	
	470	530	Shale, blue soft	
	530	550	Shale, blue soft	
	550	585	Lime, light hard	
	585	630	Shale, blue soft	
	630	650	Shale, blue soft	
	650	665	Lime, dark hard	
	665	670	Shale, blue soft	
	670	690	Lime, gray hard	
	690	700	Shale, dark soft	
	700	715	Lime, gray hard	
	715	725	Shale, blue soft	
	725	730	Lime, gray hard	
	730	750	Lime, gray hard	
	750	760	Shale, brown soft	
	760	775	Shale, blue soft	
	775	800	Sand, light soft	15 B. W.
	800	810	Sand, light hard	
	810	870	Shale, blue soft	
	870	890	Sand, light hard	
	890	895	Shale, blue soft	6[illegible] -
	895	905	Lime, light hard	
	905	920	Shale, blue soft	water, 4 B. per hr. 950'
	920	940	Lime and sand, light hard	
	940	950	Lime, light hard	
	950	960	Shale, blue soft	
	[illegible]	[illegible]	[illegible]	