

FORMATION CORED # 1

The detailed log of the formation cored is as follows:

<u>Depth Interval, Feet</u>	<u>Description</u>	"OSWEGO" LIME
1823.0 - 1827.6	Brown, slightly sandy limestone.	(G.S.O.)
1827.6 - 1832.4	Gray limestone.	(NIL POROSITY; NO PERMEABILITY)
1832.4 - 1835.0	Gray calcareous shale.	

FORMATION CORED # 2

The detailed log of the formation cored is as follows:

<u>Depth Interval, Feet</u>	<u>Description</u>	BARTLESVILLE SAND
2430.0 - 2450.2	Sandy shale.	
2450.2 - 2454.3	Grayish light brown, sandy shale.	
2454.3 - 2457.4	Grayish light brown, shaly sandstone.	(< 1 MD. PERM.)
2457.4 - 2460.0	Gray shale.	
2460.0 - 2463.0	Gray shaly sandstone.	(IMPERMEABLE)
2463.0 - 2465.5	Gray sandy shale.	
2465.5 - 2470.8	Gray shaly sandstone.	(IMPERMEABLE)
2470.8 - 2473.5	Dark sandy shale.	
2473.5 - 2476.0	Gray shaly sandstone.	(IMPERMEABLE)
2476.0 - 2479.0	Light brown, shaly sandstone.	(1-3 MD. PERMEABILITY)
2479.0 - 2479.8	Gray sandy shale.	
2479.8 - 2490.6	Grayish light brown, laminated, shaly sandstone.	
2490.6 - 2500.4	Light brown, slightly shaly sandstone.	} GOOD POROSITY + PERMEABILITY; F.S.F.O.
2500.4 - 2502.8	Grayish light brown, shaly sandstone.	
2502.8 - 2508.0	Light brown sandstone.	

Coring was started at a depth of 2430.0 feet in sandy shale and completed at 2508.0 feet in sandstone. For the most part, the pay is made up of light brown, slightly shaly sandstone.

#36 BARRIER  
1050' WEL + 1090' NSL  
3-265-8E  
GREENWOOD COUNTY, KS

RECEIVED  
KANSAS CORP COMP  
2002 OCT -11 P 1:33