

BARTON T. LORENZ #33286	Drillers Log	Donald Willis #22-1
543-A 22000 Rd.		S22, T32, R17E
Cherryvale, KS 67335		Montgomery County
620-328-4433		API # 15-125-30533-0000

0-3	DIRT	5-15-04 Drilled 11" hole and
3-10	SAND	Set 21.5' of 8-5/8" Surface pipe
10-18	SHALE	Set with 6 sacks of Portland Cement
18-30	SAND	
30-65	SHALE	5-17-04 Started drilling 6-3/4" hole 8:00A.M.
65-75	LIME	
75-169	SHALE	5-17-04 Finished drilling to T.D. 1050' 3:30P.M.
169-171	LIME	
171-192	SHALE	INJECTION WATER @ 450'
192-197	LIME	
197-221	SHALE	235' GAS TEST 0"
221-245	LIME	318' GAS TEST 0"
245-256	SHALE	335' GAS TEST 0"
256-267	LIME	435' GAS TEST 0"
267-272	SHALE	460' GAS TEST 0"
272-284	LIME	511' GAS TEST SLIGHT BLOW
284-285	SHALE	536' GAS TEST 4.5" ON 1/2" ORIFICE
282-290	SAND	561' GAS TEST 3" ON 1/2" ORIFICE
290-295	SHALE	636' GAS TEST 2" ON 1/2" ORIFICE
295-303	SAND	661' GAS TEST 3" ON 1/2" ORIFICE
303-312	SHALE	736' GAS TEST 6" ON 1/2" ORIFICE
312-327	SAND	761' GAS TEST 6" ON 1/2" ORIFICE
327-403	SHALE	786' GAS TEST 6" ON 1/2" ORIFICE
403-427	LIME	836' GAS TEST 6" ON 1/2" ORIFICE
427-429	BLACK SHALE	910' GAS TEST 6" ON 1/2" ORIFICE
429-434	SHALE	987' GAS TEST 7.5" ON 1/2" ORIFICE
434-440	COAL	998' GAS TEST 14" ON 1/2" ORIFICE
440-444	SHALE	1050' GAS TEST 17.5" ON 1/2" ORIFICE
444-465	SAND	
465-478	SANDY SHALE	
478-503	LIME OSWEGO	
503-510	BLACK SHALE	
510-515	LIME	
515-517	SHALE	
517-533	LIME	
533-536	BLACK SHALE	
536-537	COAL	
537-539	LIME	
539-541	LIME/ODOR & OIL	
541-544	LIME	
544-593	SHALE	
593-654	LAMINATED SAND/ODOR	
654-709	SAND	
709-710	COAL	
710-721	SAND	
721-722	COAL	
722-726	SAND	
726-750	SHALE	
750-751	COAL	
751-771	SHALE	
771-778	SANDY SHALE	
778-784	SAND	
784-817	SHALE	
817-820	SAND	
820-902	SHALE	
902-908	SANDY SHALE	
908-910	SOFT CUT SHALE	
910-952	SHALE	
952-985	SANDY SHALE	
965-984	SHALE	
984-985	COAL	
985-999	SHALE	
999-1050	LIME MISSISSIPPI	

T. D. 1050'