

Operator MERITAGE KCM EXPLORATION LLC. Well No. 24-11 Lease ROGERS State KS Type/Well 1237' Depth 11-19-02 Date Started 11-20-02 Date Completed 11-20-02

Job No.	Casing Used	22' 3" 8 5/8"	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	BILLY	4 SACKS			7 7/8"								
Driller		Rig No. #1											
Driller		Hammer No.											

RECEIVED
NSAS CORPORATION COMMUNICATIONS
JUN 04 2003
CONSERVATION DIVISION
WICHITA, KS

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
406	409	OVERBURDEN	797	798	LIME	1035	1035	SHALE	1035	1036	COAL
409	412	LIME	798	811	SHALE	1036	1036	SAND	1036	1049	COAL
412	422	SHALE	811	812	LIME	1049	1050	COAL	1050	1055	SANDY SHALE
422	579	LIME	812	817	SHALE	1055	1056	COAL	1056	1070	COAL
579	583	SHALE	817	819	BLK SHALE	1070	1071	COAL	1071	1080	SHALE
583	592	SANDY SHALE	819	824	SHALE	1080	1090	BLK SHALE	1090	1101	SHALE
592	595	LIME	824	838	SAND	1101	1103	COAL	1103	1105	BLK SHALE
595	602	SANDY SHALE	838	840	LIMEY SHALE	1105	1106	COAL	1106	1113	SHALE
602	612	SHALE	840	854	LIME	1113	1114	COAL	1114	1125	BLK SHALE
612	621	SANDY SHALE	854	856	SHALE	1125	1127	BLK SHALE	1127	1129	SANDY SHALE
621	626	LIME	856	874	SHALE	1129	1155	BLK SHALE	1155	1164	SAND
626	629	SHALE	874	875	COAL	1164	1172	MISS LIME	1172	1220	BROWN LIME
629	660	COAL	875	883	BLK SHALE	1220	1237	CHERTY LIME	1237		PICKED UP SOME WATER
639	639	SHALE	883	884	COAL	1235	1237	WATERD OUT			
660	662	LIME	884	895	SHALE						
662	668	SHALE	895	899	BLK SHALE						
664	664	SANDY SHALE	899	900	COAL						
668	674	LIME	900	920	SHALE						
674	689	BLK SHALE	920	923	BLK SHALE						
689	693	LIME	923	936	SHALE						
693	696	BLK SHALE	936	948	SAND						
696	707	SHALE	948	955	SANDY SHALE						
707	713	SANDY SHALE	955	965	BLK SHALE						
713	719	LIME (OSWEGO)	965	975	SAND						
719	741	SHALE	975	980	SANDY SHALE						
741	744	LIMEY SHALE	980	995	BLK SHALE						
744	746	SHALE	990	990	SHALE						
746	766	LIMEY SHALE	995	1012	SANDY SHALE						
764	764	SHALE	1012	1013	LIME						
766	769	LIME	1013	1014	SHALE						
769	797	BLK SHALE	1014	1015	COAL						