



Operator		MERTAGE KCM		Well No.	6-32	Lease	BROYLES		Loc.	Sec.	6	Twp.	23	Rge.	22E			
County		LINN		County	State		KS		Type/Well	Depth		970'		Hours	Date Started	12-18-02	Date Complete	12-19-02
Casing Used		2 1/2" 8 5/8"		Bit No.		Type	size	From	To	Bit No.		type	Size	From	To	% Rec.		
Cement Used		4 SACKS		7 7/8"														
Rig No.		#1																
Hammer No.																		

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	3	OVERBURDEN	405	445	SHALE	807	830	SHALE			
3	40	LIME (WATER)	445	448	LIME	830	833	BLK SHALE			
40	45	SHALE	448	454	SHALE	833	838	SHALE			
45	50	LIME	454	476	LIME	838	843	COAL			
50	52	SHALE	476	478	COAL	843	864	SHALE			
52	71	LIME	478	479	LIME	864	868	COAL			
71	73	BLK SHALE, COAL	479	480	BLK SHALE, COAL	868	875	BLK SHALE, COAL			
73	80	LIME	480	481	SHALE	875	879	SHALE			
80	83	SHALE	481	484	LIME	879	970	LIME MISS			
83	90	LIME	484	487	BLK SHALE, COAL	888					
90	97	LIMEY SHALE	487	564	SHALE						
97	102	LIME	564	566	COAL						
102	134	SANDY SHALE	566	586	SHALE						
134	140	SAND	586	587	LIME			T.D. 970'			
140	228	SHALE	587	592	BLK SHALE, COAL						
228	230	BLK SHALE, COAL	592	605	SHALE						
230	265	SANDY SHALE	605	608	COAL						
265	267	BLK SHALE, COAL	608	647	SHALE						
267	280	SHALE	647	649	COAL						
280	293	LIME	649	703	SHALE						
293	295	SHALE	703	704	COAL						
295	301	LIME	704	758	SHALE						
301	307	SANDY SHALE	758	760	COAL						
307	322	SAND	760	775	SHALE						
322	366	SANDY SHALE	775	776	COAL						
366	368	COAL	776	781	SHALE						
368	373	SANDY SHALE	781	783	COAL						
373	390	LIME	783	789	SHALE						
390	400	SHALE	789	801	COAL						
400	403	LIME	801	806	SHALE						
403	405	COAL	806	807	COAL						