

Well Refined Drilling Co., Inc.

4230 Douglas Road Thayer, KS 66776

Contractor License # 33072

620-839-5581/ Office; 620-432-6170/Jeff Kephart Cell; 620-839-5582/FAX

Rig #:	3	Lic # 33539
API #:	15-103-21299-0000	
Operator:	Heavy Petroleum Partners	
	4916 Camp Bowie Blvd	
	Fort Worth, TX 76107	



S3	T9	20E
Location:		SE4, NW4
County:		Leavenworth

				Gas Tests			
Well #:	103 INJ	Lease Name:	Demaraville	Depth	Inches	Orifice	flow - MCF
Location:	1937	ft. from N	Line	905		No Flow	
	1972	ft. from W	Line	1005		No Flow	
Spud Date:	8/21/2007			1030		No Flow	
Date Completed:	8/23/2007			1255		Trace	
Driller:	Mike Reid			1280		No Flow	
Casing Record	Surface	Production		1355		No Flow	
Hole Size	12 1/4"	6 3/4"		1455		Trace	
Casing Size	8 5/8"						
Weight	26#						
Setting Depth	43' 9"						
Cement Type	Portland						
Sacks	8						
Feet of Casing							

Well Log								
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	4	overburden	257	266	sand	531	558	shale
4	26	sand	266	275	shale	558	563	lime
26	33	shale	275	276	blk shale	563	580	shale
33	37	lime	276	372	shale	565		add water
37	59	shale	372	376	lime	580	585	lime
59	67	lime	376	383	sand	585	589	shale
67	70	shale	383	396	lime	589	590	lime
70	90	lime	396	400	shale	590	602	shale
90	91	shale	400	401.5	blk shale	602	609	slime
91	92.5	blk shale	401.5	403	shale	609	611	shale
92.5	95	shale	403	406	lime	611	612	coal
95	97	lime	406	421	shale	612	617	shale
97	110	shale	421	437	lime	617	620	lime
110	119	lime	437	459	shale	620	625	shale
119	151	shale	459	464	lime	625	654	lime
151	152.5	coal	464	466	sand	654	655	shale
152.5	170	shale	466	470	lime	655	656.5	blk shale
170	171.5	coal	470	517	shale	656.5	664	shale
171.5	257	shale	517	531	lime	664	684	lime

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Operator: Heavy Petroleum Partners			Lease Name: Demaranville			Well #: 103 INJ		page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
684	685	shale	990	993	shale	1332	1333	shale
685	686	blk shale	993	994	coal	1333	1348	sand
686	687	shale	994	996	shale	1348	1362	shale
687	688	lime	996	1002	sand	1362	1363	coal
688	695	shale	1002	1012	shale	1363	1366	shale
695	707	lime	1012	1017	sand	1366	1370	sand
707	715	shale	1017	1027	shale	1370	1372	shale
715	718	lime	1027	1030	coal	1372	1377	sand
718	720	shale	1030	1041	dshale	1377	1378	shale
720	727	sand	1041	1048	sand	1378	1382	sand
727	740	shale	1048	1052	shale	1382	1395	shale
740	744	sand	1052	1056	sand	1395	1406	sand
744	824	shale	1056	1065	shale	1406	1408	shale
824	826	sand	1065	1066	coal	1408	1413	sand
826	843	shale	1066	1073	shale	1408	1413	oil on pit
843	849	lime	1073	1086	sand	1413	1418	shale
849	852	shale	1086	1106	shale	1418	1419	sandy shale
852	853	coal	1106	1107	blk shale	1419	1432	shale
853	857	lime	1107	1108	coal	1432	1438	sandy shale
857	865	shale	1108	1152	shale	1438	1439	sand
865	870	lime	1152	1184	sand			oil show
870	872	shale	1184	1185	shale	1439	1448	sandy shale
872	874	sand	1185	1193	sand	1448	1449	chat
874	875	lime	1193	1195	shale	1449	1452	lime
875	878	sand	1195	1207	sand	1452	1457	shale
878	889	shale	1207	1215	shale	1457	1530	Mississippi lime
889	891	lime	1215	1245	sand	1530		Total Depth
891	892	shale	1245	1246	coal			
892	893.5	blk shale	1246	1247	shale			
893.5	902	shale	1247	1248	sand			
902	906	lime	1248	1249	coal			
906	914	shale	1249	1256	shale			
914	916	lime	1256	1261	sand			
916	917	shale	1261	1262	coal			
917	918	blk shale	1262	1266	shale			
#REF!	926	shale	1266	1268	sandy shale			
926	931	lime	1268	1275	shale			
931	936	shale	1275	1287	sand			
936	938	lime	1287	1297	laminated sand			
938	943	shale	1297	1301	shale			
943	946	sand	1301	1305	sand			
946	951	shale	1305	1320	shale			
951	958	sandy shale	1320	1326	sand			
958	959	sand	1326	1330	laminated sand			
959	988	shale	1330	1331	shale			
988	990	lime	1331	1332	coal			

CW-100-101

07LH-082307-R3-037-Demaranville 103 INJ- CW-100-101 - Heavy Petroleum Partners

Operator	Cherokee Wells LLC		Lease Name	Well #		page 3
Gas Tests						REG
Depth	Inches	Orifice	flow - MCF			KANSAS CORPORATION

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