

PENETRATION RATE - MINUTES/5FT

DEPTH	TIME	5'	10'	15'	20'	25'	30'	MUD DATA/NOTES			
								Wt	Visc	Water Loss	
730'	2:00 PM							8.6#	40 sec		
755'											
740'	2:35 PM									oil film on mud	
750'	2:45 PM										
760'	3:05 PM										
790'	3:45 PM										
800'	4:00 PM										
810'	4:20 PM										
830'	4:30 PM										
840'	4:50 PM										
850'	4:56 PM										
860'	5:10 PM										
880'	5:45 PM									Added Lignite	
895'	5:05 PM									Added EZ Mud 9.2#	
910'	1:45 PM	6 inch layers of hard material, concretionary									
920'	1:52 PM										
950'	2:35 PM										Faint yellow fluorescence
970'	3:07 PM	(pale yellow fluorescence in ether)									oil film on ditch.
1002'	3:35 PM										Clayey matrix
1025'	6:05 PM	(abundant oil bubbles in HCl)						very calc			Specks of weak yellow fluoresc.
1045'	8:05 PM	fn silty ss, fn silty ss, faint yellow fluoresc. specks									9.1# 38 sec
1070'	8:40 PM	Very faint fluoresc., some brighter specks									
1100'	10:00 PM	Lime cemented, fn silty siltst									Fines falling thru sieve.
1120'	10:55 PM	Faint yellow fluoresc., very little lime.									
1145'	11:50 PM	Faint yellow fluoresc. 20% fines thru screen.									
1180'	11:30 AM - 11:52 AM										
1205'	12:03 - 12:14 AM										
1232'	12:14 AM - 12:39 AM										
1252'	1:11 AM - 1:41 AM										
1272'	1:42 AM - 2:20 AM										
1292'	4:14 AM - 4:37 AM										
	2:30 AM - 5:30 AM										

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1312	5:30 - 5:53 A										
1332	6:02 A - 6:27 A										
1352	6:47 - 7:10 A										
1372	7:27 - 8:00 A										
1392	8:45 - 9:19 A										
1412	9:51 - 10:25 A										
1432	10:38 - 10:57 A										
1452	11:09 - 11:45 A										
1472	11:55 - 12:25 P										
1492	12:30 P - 1:02 P										
1512	2:06 P - 2:27 P										
1532	2:39 P - 3:10 P					Temp 68°F				9.2# 40 sec	
1552	3:29 P - 3:59 P										
1612	7:05 P	Fair ether fluor cut ↓									Gas bubbles in barrel
1632	8:00 P										
1652	9:30 P										
1672	10:30 P										
1692	11:20 P										
1712	12:00 A										
1732	12:55 A										
1752	1:53 A	Time change									
1772	1:42 A	old time									
1792	2:22 A										
1812	4:00 A										
1832	4:32 A										
1852	5:00 A										
1872	6:45 A	v. weak ether fluor cut!									
1892	7:40 A	Faint ether fluores cut!									9.3# 44 sec
1912	8:32 A	v. faint ether fluores cut!									
1932	9:43 A	v. faint ether fluores cut!									
1952	10:10 A	Bit dull pull out of hole.									

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2158	6:10 P 6:35 P	48' / HR								
2198	8:35 P 9:00 P	48' / HR								
2238	7:32 P 10:20 P	42' / HR								
2258	10:14 P 10:40 P	46' / HR								
2278	10:55 P 11:30 P	34' / HR								
2298	11:45 P 12:30 A	26' / HR								
2578										PH = 8.0 9.0# 39 sec 9.2 cc
2658										Add 1 qt of EZ Mud. 8.9# 42 sec