

**Drillers Log  
McPherson Drilling LLC**

<b>Rig:</b>	1		
<b>API No.</b>	15-	125-30035-0000	
<b>Operator:</b>	Colt Energy, Inc.		
<b>Address:</b>	P.O. Box 388 Iola, KS 66759		
<b>Well No:</b>	1	<b>Lease Name:</b>	Catron
<b>Footage Location:</b>		400 ft. from the	South Line
		4220 ft. from the	East Line
<b>Drilling Contractor:</b>	<b>McPherson Drilling LLC</b>		
<b>Spud date:</b>	11/15/01	<b>Geologist:</b>	Jim Stegaman
<b>Date Completed:</b>	11/19/01	<b>Total Depth:</b>	1183'

<b>S. 15 T. 31s R. 16e</b>
<b>Loc:</b>
<b>County:</b> Montgomery

<b>Gas Tests:</b>			
300'	0	MCF	1/8" orf.
480'	2.76	MCF	
580'	6.39	MCF	
680'	4.84	MCF	
708'	15.7	MCF	1/4" orf.
734'	8.95	MCF	
761'	0	MCF	
841'	8.95	MCF	
906'	15.7	MCF	
963'	8.95	MCF	
1063'	0	MCF	
1083'	14.3	MCF	
1106'	0	MCF	
1123'	15.7	MCF	
1143'	15.7	MCF	
1163'	11.02	MCF	

<b>Casing Record</b>		
	Surface	Production
<b>Size Hole:</b>	11"	6 3/4"
<b>Size Casing:</b>	8 5/8"	
<b>Weight:</b>	32#	
<b>Setting Depth:</b>	20'	Colt <i>chydor</i> <sup>WD</sup> <i>Sumel</i>
<b>Type Cement:</b>	Portland	
<b>Sacks:</b>	4	McP

<b>Rig Time:</b>
2.5 hrs. gas tests

<b>Well Log</b>									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
soil/clay	0	6	sand	464	550	sand/shale	934	966	
shale	6	16	sand/shale	550	575	shale	966	970	
sand	16	22	pink lime	575	595	sand	970	1060	
shale	22	78	shale	595	603	shale	1060	1119	
sand	78	90	sand	603	645	sand	1119	1133	
lime	90	99	shale	645	663	Miss lime	1133	1183	
shale	99	133	oswego lime	663	697				TD
lime	133	195	summit	697	707				
shale (damp)	195	224	lime	707	723				
coal	224	225	mulky	723	733				
shale	225	230	lime	733	737				
sand	230	250	shale	737	754				
shale	250	265	coal	754	755				
lime	265	279	shale	755	790				
shale	279	283	sand	790	815				
lime	283	325	sand/shale	815	822				
shale	325	383	coal	822	823				
lime	383	409	sand	823	850				
shale	409	430	sand/shale	850	973				
lime	430	445	shale	973	901				
shale	445	449	coal	901	905				
lime	449	455	sand/shale	905	933				
shale	455	464	coal	933	934				