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Lab #: 135839 Job #: 9661
Sample Name/Number: Fox Hills HOA
Company: Colorado Oil & Gas Conservation
Date Sampled: 4/15/2008
Container: Dissolved Gas Bottle
Field/Site Name:
Location:
Formation/Depth:
Sampling Point:
Date Received: 4/23/2008 Date Reported: 5/20/2008

Component	Chemical				
	Chemical mol. %	Air Free vol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide -----	nd	nd			
Hydrogen Sulfide -----	nd	nd			
Helium -----	nd	nd			
Hydrogen -----	nd	nd			
Argon -----	0.62	0.57			
Oxygen -----	2.97				
Nitrogen -----	34.98	27.86			
Carbon Dioxide -----	0.45	0.52			
Methane -----	60.96	71.03	-70.57	-262.1	
Ethane -----	0.017	0.020			
Ethylene -----	nd	nd			
Propane -----	nd	nd			
Iso-butane -----	nd	nd			
N-butane -----	nd	nd			
Iso-pentane -----	nd	nd			
N-pentane -----	nd	nd			
Hexanes + -----	nd	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 618

Specific gravity, calculated: 0.724

Remarks:

Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.49

Carbon isotope value for Dissolved Inorganic Carbon (DIC): -7.43

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100 percent. Mol. % is approximately equal to vol. %