

Extended C30+ Gas Analysis

Energy Resources Conservation Board

02-18-043-27 W4		Operator ERCB-Gas Migration		K.B. Elev, m		GR Elev, m	
Location		Well Name					
Field/Area		Pool/Zone		SVW -14		Sample Point	
Perforations, m		Production Rates:		WATER _____ m ³ /d		OIL _____ m ³ /d	
				GAS _____ 10 ³ m ³ /d			
		Gauge Pressure, kPa		Separator		Treater	
		Temperature, °C		Reservoir		Source	
				Sampled		Received	
2008-09-05		2008-09-09		2008-11-04		Other Information	
Date Sampled		Date Received		Date Reported			

Methodology: Gas Chromatography

C6+ components by GPA 2286, remainder of components by GPA 2261

	Mole %	Mole ppm		Mole ppm		Mole ppm
Hydrogen	<0.01		2-Methylhexane	<1	Hexadecanes (C16)	<1
Helium	<0.01		3-Methylhexane	<1	Heptadecanes (C17)	2
Oxygen	18.56		2,2,4 Trimethylpentane	<1	Octadecanes (C18)	<1
Nitrogen	71.54		other Heptanes	<1	Nonadecanes (C19)	<1
Carbon Dioxide	1.15		n-Heptane	<1	Eicosanes (C20)	<1
Methane	6.76	67600	Methylcyclohexane	<1	Heneicosanes (C21)	<1
Ethane	0.83	8300	Toluene	2	Docosanes (C22)	<1
Hydrogen Sulfide	<0.01	1.0	2-Methylheptane	<1	Tricosanes (C23)	<1
Propane	0.34	3370	3-Methylheptane	<1	Tetracosanes (C24)	<1
iso-Butane	0.25	2540	other Octanes	<1	Pentacosanes (C25)	<1
n-Butane	0.27	2660	n-Octane	<1	Hexacosanes (C26)	<1
iso-Pentane	0.13	1340	Ethyl Benzene	<1	Heptacosanes (C27)	<1
n-Pentane	0.14	1400	p & m Xylene	<1	Octacosanes (C28)	<1
Cyclopentane		<1	o Xylene	<1	Nonacosanes (C29)	<1
2-Methylpentane		1	Nonanes (C9)	<1	Triacosanes Plus (C30+)	<1
3-Methylpentane		<1	Decanes (C10)	<1		
other Hexanes		<1	Undecanes (C11)	<1		
n-Hexane		175	Dodecanes (C12)	<1		
Methylcyclopentane		<1	Tridecanes (C13)	<1		
Benzene		1	Tetradecanes (C14)	<1		
Cyclohexane		<1	Pentadecanes (C15)	<1		