



02469745

IID 899
Entered

ANALYSIS REPORT

05-067-08833
LOCH 306817

Lab #: 56855 Job #: 4351
 Sample Name/Number: John Squires Water Well
 Company: Colorado Oil & Gas Conservation
 Date Sampled: 8/12/2003
 Container: Glass Bottle
 Field/Site Name: Complaint IID# 899XOGCC
 Location: Sec 1T33NR10W
 Formation/Depth: La Plata County
 Sampling Point:
 Date Received: 8/19/2003 Date Reported: 9/19/2003

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
1 Hydrogen Sulfide -----	nd			
2 Helium -----	nd			
3 Hydrogen -----	nd			
4 Argon -----	1.41			
5 Oxygen -----	12.85			
6 Nitrogen -----	78.66			
7 Carbon Dioxide -----	0.65	17.19	18.20	
8 Methane -----	6.35	-56.58	-187.9	
9 Ethane -----	0.0781			
10 Ethylene -----	na			
11 Propane -----	nd			
12 Iso-butane -----	nd			
13 N-butane -----	nd			
14 Iso-pentane -----	nd			
15 N-pentane -----	nd			
16 Hexanes + -----	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 66

Specific gravity, calculated: 0.968 18

Remarks:

Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace.

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%. Mol. % is approximately equal to vol. %.

Chemical analysis based on standards accurate to within 2%


ISOTECH Laboratories, Inc. 1308 Parkland Ct. Champaign, IL 61821 217/398-3490

ANALYSIS REPORT

Water Analysis Report

Lab Number: 56856 Job Number: 4352

Submitter Sample Name: John Squires Water Well

Submitter Sample ID:

Submitter Job #:

Company: Colorado Oil & Gas Conservation

Field or Site: Complaint IID# 899COGCC

Location: Sec 15T33NR10W

Depth/Formation: La Plata County

Container Type: Glass Bottle

Sample Collected: 8/12/2003

Results Reported: 9/19/2003

Delta D of water ----- -84.4 per mil relative to VSMOW

Delta O-18 of water ----- -11.06 per mil relative to VSMOW

Tritium content of water ----- na

Delta C-13 of DIC ----- -14.96 per mil relative to VPDB

Carbon-14 content of DIC ----- na

Remarks:



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