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11D 241

entered 9/22/03

05-067-08149

Loc# 326464

**Paul Oldaker**

RECEIVED

**Hydrologist / Hydrogeologist**

SEP 22 03

P. O. Box 775048

Steamboat Springs, Colorado

COGCC

80477 USA

(970) 879-0082

20 September 2003

Ms. Hale  
700 CR 225  
Durango, Colorado  
81301 USA

Dear Ms. Hale:

XTO Energy Inc. took over the operations of J. M. Huber, Inc. in January 2003. I have been retained to continue water monitoring of the operations.

The data for your domestic well water is attached. The methane concentration was 0.32 mg/l. The next sampling is scheduled for three years from now.

Sincerely,

CC:

Mr. Darrin Steed, XTO Energy

Ms. Nina Hutton, XTO Energy

Ms. Deb Baldwin, COGCC

Mr. Matt Janowiak, BLM

Mr. Steve Clay, La Plata County

Mr. Robb Johnston, Johnston Land Company

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General

Name	COGCC ID	Date	Field ph	Lab ph	Field Temp F	F.Specific Cond. umhos/cm	L.Specific Cond. umhos/cm	Resistivity ohm-cm	Field Turbidity NTU	Dissolved Solids mg/l
MW 10- HALE	241	13-May-98	8.7	8.44	57.2	470	510	1,960	1.9	370
MW 10- HALE	241	08-Jun-99	8.5	8.45	56.7	490	496	2,020	1.2	350
MW 10- HALE	241	30-Jun-99								
MW 10- HALE	241	23-May-00	8.6	8.47	56.0	500	560	1,790		355
MW 10- HALE	241	11-Jun-02	8.3		67.3	594				
MW 10- HALE	241	25-Jul-03	8.3	8.19	64.9	470	674			365

Name	COGCC ID	Date	Cations			Anions				
			Sodium mg/l	Potassium mg/l	Calcium mg/l	Magnesium mg/l	Alkalinity mg/l	Bicarb. mg/l	Carbonate mg/l	Sulfate mg/l
MW 10- HALE	241	13-May-98	121.0	<0.5	4.2	<0.5	240	278	7	<10
MW 10- HALE	241	08-Jun-99	130.0	<0.5	4.3	<0.5	256	244	12	11
MW 10- HALE	241	30-Jun-99								
MW 10- HALE	241	23-May-00	121.0	<0.5	4.8	<0.5	256	240	16	19
MW 10- HALE	241	11-Jun-02								
MW 10- HALE	241	25-Jul-03	144.0	<0.5	6.1	<0.5	282	278	<10	26

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Name	COGCC ID	Date	Nutrients			Metals		Bacteria			
			Chloride mg/l	Fluoride mg/l	Nitrate/ Nitrite as N mg/l	Field Iron mg/l	Total Iron mg/l	Total Manganese mg/l	Total Selenium mg/l	Total Coliform	E. Coll
MW 10- HALE	241	13-May-98	19			<0.01	<0.10				
MW 10- HALE	241	08-Jun-99	16			0.06	<0.05				
MW 10- HALE	241	30-Jun-99									
MW 10- HALE	241	23-May-00	20			0.05	<0.05			Present	Absent
MW 10- HALE	241	11-Jun-02				0.10	<0.05				
MW 10- HALE	241	25-Jul-03	27	1.7	<0.02		<0.05	0.008	<0.001		

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Gases

Name	COGCC ID	Date	Field Hydrogen Sulfide mg/l	Lab Methane mg/l	Methane Delta Carbon 13	Methane Delta Deuterium	CO2 Delta Carbon 13	Location Northing Latitude	Location Easting Longitude
MW 10- HALE	241	13-May-98	<0.1	0.90					
MW 10- HALE	241	08-Jun-99	<0.1	1.01				4,125,224	255,331
MW 10- HALE	241	30-Jun-99			-81.84	-107	-28.77		
MW 10- HALE	241	23-May-00	<0.1	1.03	-54.58	-107	-30.22		
MW 10- HALE	241	11-Jun-02	<0.1	0.87				37D 14' 29.9"	107D 45' 28.1"
MW 10- HALE	241	25-Jul-03	<0.1	0.32				37D 14' 29"	107D 45' 27"

Name	COGCC ID	Date	Reason for Sampling
MW 10- HALE	241	13-May-98	1997/98 Cause No. 112, Order 138
MW 10- HALE	241	08-Jun-99	1997/98 Cause No. 112, Order 138
MW 10- HALE	241	30-Jun-99	1997/98 Cause No. 112, Order 138
MW 10- HALE	241	23-May-00	1997/98 Cause No. 112, Order 138
MW 10- HALE	241	11-Jun-02	Owner Request
MW 10- HALE	241	25-Jul-03	1997/98 Cause No. 112, Order 138