EARTHCON

Environmental Challenges
BUSINESS SOLUTIONS

Groundwater Sampling Record

WELL No.	OWNER	ADDRESS	DATE
WW #1	Rodney & Geraldine Wells	899 Lake Country Dr.	5/14/12

SAMPLE ID NWW01- WEL-051412	SAMPLER NAME KB/JW/SD/JLH
SAMPLE TIME ~~9:35~~ 9:40	FIELD CONDITIONS/WEATHER sunny

spigot directly next to well in front yard

KB 5-30-12 no treatment system located @ property as water is provided from a private source.

Well Condition (circle one)

Pump operating	yes	no
Owner Present	yes	no
Well Treated	yes	no

Well Purging

Pumping rate 15 gallons/minute

Volume pumped 450 gallons

Clarity clear Other observations

TIME 24:00 hr	CUMULATIVE VOLUME (gal)	Temp °C	pH S.U.	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	ODOR/COLOR/ REMARKS
9:05	0							PURGE START
9:10	0.25	20.77	8.39	2.296	1.66	-241.2	0.87	clear
9:15	0.5	21.39	8.35	2.299	1.67	-245.8	1.07	clear
9:20	0.75	22.31	8.32	2.309	1.15	-251.3	0.22	clear
9:25	2.00	21.98	8.29	2.321	0.45	-258.9	0.21	clear
9:30	2.75	21.92	8.27	2.317	0.30	-265	0.43	clear
9:35	3.50	22.40	8.26	2.317	0.31	-263.1	0.61	clear

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Well ID: /W #1
Owner: Rodney & Geraldine Wells
Address: 899 Lake Country Dr.
Date: 5/14/12

LEL -- lower explosive level
LFL -- lower flammable level
NIOSH -- National Institute for Occupational Safety and Health
O2 -- oxygen
OSHA -- Occupational Safety and Health Administration
ppm -- parts per million
REL -- recommended exposure limit
TWA -- time-weighted average
TLV -- time-limited value
UEL -- upper explosive level
UFL -- upper flammable level

	LEL (Calibrated for Methane) %	O_2 %	H_2S ppm	CO ppm	Time of Reading
	Alarm Level	Alarm Level	Alarm Level	Alarm Level	
	10 % LEL	19.50%	10 ppm	35 ppm	
	UEL/UFL	OSHA O_2 Enriched	NIOSH REL-TWA	NIOSH REL-TWA	
	15%	22%	10 ppm/10 min	35 ppm	
	LEL/LFL	OSHA O_2 Deficient	OSHA PEL-TWA	OSHA PEL-TWA	
	5%	19.50%	10 ppm	50 ppm	
Location & Coordinates	#	Value % LEL	Value %	Value ppm	Value ppm	Time 24:00 hr
Background	1	0	20.9	0	0	8:40
	2	0	20.7	0	0	8:50
	3	0	20.8	0	0	9:01
	4	0	20.9	0	0	9:11
Well Head	1	0	20.9	0	0	8:39
	2	0	20.7	0	0	8:49
	3	0	20.8	0	0	9:01
	4	0	20.9	0	0	9:10
Sampling Location	1	0	20.7	0	0	8:38
	2	0	20.7	0	0	8:49
	3	0	20.8	0	0	9:00
	4	0	20.9	0	0	9:09

CONFIDENTIAL / ATTORNEY WORK PRODUCT

DATE: 5/14/12

WELL # WW 1

NOTES TAKEN BY: JLH

- arrive on site 8:25, talk with property owner and setup
- purge started 8:30
- purge ended 9:00
- low flow 9:05 - ~~9:30~~ 9:35 JLH
- sample time 9:40
- decon / pack up
- leave site 9:55

CHAIN OF CUSTODY

ACCUTEST Laboratories

10165 Harwin Dr, Ste 150 Houston, TX 77036
TEL. 713-271-4700 FAX: 713-271-4770
www.accutest.com

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FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job #

Client / Reporting Information

Company Name: EarthCon Consultants, Inc.
Street Address: 4800 Sugar Grove Blvd., Suite 390
City / State / Zip: Stafford TX 77477
Project Contact / E-mail: Gabriela Floreslovo
Phone # / Fax #: 281-201-3513
Sampler(s) Name(s) / Phone #: KATHLEEN BUXTON 281-240-5200

Project Information

Project Name: First Quarterly Well Sampling, Parker County, Texas
Street:
City / State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analyses

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	HCl	NaOH	ZA/NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	TSP	NaHSO4	ENCORE	OTHER	BTEX 8260B	Butane, Ethane, Ethene, Isobutane, Methane, Propane by RSK-175	LAB USE ONLY
	WWW01-WEL-051412	5/14/12	9:40	KB	W	6	X												X	X	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank

Turnaround Time (Business days)

- [X] Standard
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *EMERGENCY*

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULT1 (Level 3+4)
- [ ] REDT1 (Level 3+4)
- [ ] Commercial "C"
- [X] TRRP
- [ ] EDD Format
- [ ] Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC & Surrogate Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	5-14-12 1300	1 Fedex	2		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	[ ] Intact [ ] Not intact	Preserved where applicable [ ]

On Ice [ ] Cooler Temp.

ISOTECH

Send Data and Invoice to

Name: Alan Kornacki
Company: Weatherford Laboratories
Address: 5200 N. Sam Houston Parkway Suite 500, Houston, TX 77086
Phone: 832-515-5137
Fax:
Email: alan.kornacki@weatherfordlabs.com

Project: First Quarterly Well Sampling
Location: Parker County, Texas
Sampled by: K. Buxton

Isotech Laboratories, Inc.
1308 Parkland Court
Champaign, IL 61821
Phone: 217-398-3490
Fax: 217-398-3493
www.isotechlabs.com
mail@isotechlabs.com

Sample Description

Container Number	Sample Identification	Date Sampled	Analyses Requested: molecular comp. of HC gases and non-HC gases	Analyses Requested: C-isotopic comp. of methane, ethane, propane, CO2	Analyses Requested: D-isotopic comp. of methane	Analyses Requested: isotopic comp. of H2	Comments
	WNW01-WEL-051412	5/14/12	X	X	X		

Chain-of-Custody Record

	Signature	Company	Date	Time
Relinquished by	[illegible]	EarthCon	[illegible]	[illegible]
Received by	Fedex			
Relinquished by				
Received by				
Relinquished by				
Received by				