

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division
Compliance Section

**District Office
INSPECTION REPORT**

D-O
rev. 6/07

JOB NO. 14-1758 - 02

DISTRICT 7B

OPERATOR **Unidentified**
LEASE/FACILITY **Singleton Water Well**
WELL No.(s) _____
FIELD _____
COUNTY **Palo Pinto** COSTAL MGT AREA
 COMPLAINT NO. **7B-10612**
COMPLAINANT NAME **Richard Singleton**
DIRECTIONS _____

LEASE/ID **NA**
DRILL PMT. NO. _____
PLANT NO. _____
PIT PMT. NO. _____
PIPELINE PMT NO. _____
OTHER _____
LE DOCKET _____
SFP CODE _____
SFCU CODE _____

MUST WITNESS
 Field Initiated
 Taken By _____
 District Austin
 Backcheck
 Co-inspection
 Sweep
TOTAL:
UIC WELLS INSP _____
WELLS INSP _____
SITES INSP **1**

% TIME	UIC _____	ENV _____	SITE REM 100%
LEGAL ENF _____	PRO/PROD _____	TERRA _____	
SFP _____	OTHER _____		

GPS COORDINATES: NO YES LOG# **water well**
LAT **N 32.993738** LONG **W 98.150581**

ACTIVITY (check appropriate boxes)

A <input type="checkbox"/> BLOWOUT	P <input type="checkbox"/> OIL SPILL (NON SEN)
B <input type="checkbox"/> COM. SURFACE DISP. FAC.	Q <input type="checkbox"/> OIL SPILL (SENS)
C <input type="checkbox"/> COM. DISPOSAL WELL	R <input type="checkbox"/> PIT INSPECTION
D <input type="checkbox"/> FLARE/VENT	S <input type="checkbox"/> PLANT INSP
E <input type="checkbox"/> DISPOSAL/INJECTION	T <input type="checkbox"/> PLUGGING (OPER)
F <input type="checkbox"/> DRILLING RIG	U <input type="checkbox"/> PLUGGING (SFP)
G <input type="checkbox"/> FIRE	V <input type="checkbox"/> PROD WATER SPILL
H <input type="checkbox"/> H2S COMPLIANCE INSP.	W <input type="checkbox"/> PROD TEST
I <input type="checkbox"/> H2S INCIDENT	X <input type="checkbox"/> PROD/INT CASING
J <input type="checkbox"/> HYDROCARBON STRING	Y <input type="checkbox"/> SEAL WELL
K <input checked="" type="checkbox"/> LEASE INSPECTION	Z <input checked="" type="checkbox"/> SITE ASSMT (SFCU)
L <input type="checkbox"/> MIT	AA <input type="checkbox"/> SITE CLEAN UP SFCU
M <input type="checkbox"/> MINOR PERMIT	BB <input type="checkbox"/> SURFACE CASING
N <input type="checkbox"/> OFFICE	CC <input type="checkbox"/> WASTE HAULER
O <input type="checkbox"/> OTHER	

FIELD INSPECTION STATUS		COMPLIANCE		Prev	New	Total
		yes	no	viols.	viols.	viols.
SWR 2	Access to Property	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0	0
SWR 3	Signs	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 8	Water Protection	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 9	Disposal Wells	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 13	Casing/Cementing	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 14(B)(2)	Inactive wells	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 17	Pressure on Bradenhead	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 21	Firewalls	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 22	Protection of Birds	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 27	Gas Metering	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 32	Flaring/Venting	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 36	Hydrogen Sulfide	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 48	Injection Wells	<input type="checkbox"/>	<input type="checkbox"/>			
SWR 91	Oil Spill Clean-up	<input type="checkbox"/>	<input type="checkbox"/>			
OTHER		<input type="checkbox"/>	<input type="checkbox"/>			
OTHER		<input type="checkbox"/>	<input type="checkbox"/>			

Comments: **Backcheck to collected TPH, BTEX, Chloride, Dissolved Methane and Total Coliform samples after initial inspection of 2/20/14. See Debbie Garcia's and Tammy Shelton's reports from 2/20/14 for initial water well sampling information and additional details. Co-inspection with Crystal Denson and Debbie Garcia. See attached DA for information regarding today's visit; 6 photos taken, saved under Z://OG/Photos/Hudson/2014-04-03/Singleton.**

Present during today's inspection: Mr. And Mrs. Singleton, Landowners; Crystal Denson and Debbie Garcia, RRC Representatives. Mrs. Singleton provided us with the water quality results from Wichita Falls Public Health District Laboratory and Texas A&M Agrilife Extension Laboratory - attached to hard copy and filed.

I CERTIFY THIS DATA IS TRUE AND COMPLETE:

TECH NO. **494** DATE **04/03/14**

START: **28,641** TIME **0745** LUNCH **60** (MIN)
END: **28,921** TIME **1700**
 Job Interrupt

OFFICE REVIEW
BY _____
DATE _____

JOB NO. 14-1758

DISTRICT 7B

OPERATOR Unidentified

LEASE/FACILITY# NA

LEASE/FACILITY Singleton Water Well

COUNTY Palo Pinto

COMPLAINT NAME Richard Singleton

COMPLAINT NO. 7B-10612

Weather: partly cloudy, mid-upper 80s, S winds 15-25 mph

BTEX, TPH, Dissolved Methane, Total Coliform and Chloride samples were collected from the water faucet in well house, prior to water entering pressure tank. Initial collection at 1116 hours. Water appeared clear, with no odor. No noticeable odors coming from water well casing during initial sampling event.

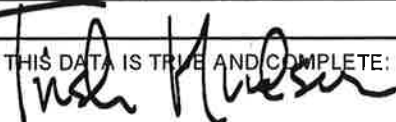
Hooked up water hose to faucet and ran water for 15 minutes. BTEX, TPH, Dissolved Methane, Total Coliform and Chloride samples were collected after hose was removed from the faucet at 1142 hours. Water appeared cloudy (which was noted in previous inspections). In talking to Mr. Singleton, he stated that the gas that vented from the water well casing happened when well was pumped down, and he was willing to do that; however, he noticed that gas was already coming out of the casing at this time (gas was venting from the well bore where the electrical line runs to the submersible pump). The CGI was turned on at this time and placed over the well bore - the LEL alarm went off almost immediately for CH₄ (high alarm is >50,000 ppm, with the low alarm sounding for Oxygen (<17%). I placed the CGI on top of the water pressure tank (approximately 1 meter away from well bore) and left it to monitor the air. The range of CH₄ ranged from 5600-8600 ppm at that distance, with the oxygen recovering to 20.9% oxygen. H₂S and CO remained at 0 ppm at all times.

The odor of the gas coming out of the well bore initially smelled like gasoline, but after 10 minutes or so, it smelled like rubber cement - Mr. Singleton agreed with this assessment. I advised him that he should vent his water well (other than the hole where the electrical cord entered the well bore) no matter what the test results showed. The gas seemed to vent in "spurts" and was audible.

Mrs. Singleton was concerned about the hot water and hot water heater, so we went inside their home to the kitchen where she ran the hot water for us. The water smelled like rotten eggs - I asked her if they had issues with black slime or something similar, and explained to them that was a natural occurrence in groundwater and water wells and was typically a bacteria. I also recommended that they do maintenance water heater, according to appliance/warranty recommendations.

Water Quality samples were packed and shipped to Trace Analysis, under Requisition 455-14-0069, CU-224077, to their lab in Lubbock, TX. Total for today's sampling was \$453.00.

I CERTIFY THIS DATA IS TRUE AND COMPLETE:



TECH NO. 494

DATE 04/03/14

Page 2 of 2

OFFICE REVIEW

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DATE _____