

JOB NO. 2013-9041

DISTRICT 7B

OPERATOR UNIDENTIFIED

LEASE/FACILITY# DAWSON PROPERTY

LEASE/FACILITY DAWSON WATER WELL

COUNTY PARKER

COMPLAINT NAME _____

COMPLAINT NO. 10441

MRS. DAWSON STATED THAT THEY NOTICED A SIGNIFICANT CHANGE IN THEIR WATER QUALITY BEFORE THEY INSTALLED THE REVERSE OSMOSIS SYSTEM; WHEN THE COMPANY, NATIONS PURE, INSTALLED THE RO SYSTEM, THEY HAD TO INSTALL A METHANE STRIPPER IN THE HOLDING TANK AND THIS PROCESS TOOK EXTRA ROUTINE SET UP BECAUSE THE STANDARD STRIPPERS THIS COMPANY INSTALLS WAS INADEQUATE FOR THE VOLUME OF METHANE IN THE WELL.

THE DAWSONS STATED THAT THEY HAD TO PUT IN THE REVERSE OSMOSIS SYSTEM DUE TO THE FACT THAT THEIR WELL WOULD VAPOR LOCK AND QUIT WORKING; NOTICED THIS VAPOR LOCK WHEN THEY WERE WATERING THEIR YARD AFTER BEING GONE ON VACATION FOR A WEEK. THE DAWSONS CONTACTED MR. PECK, THE WATER WELL DRILLER, AND THEY REPORTED THAT HIS RESPONSE TO THE VAPOR LOCK WAS A RESULT OF TOO MUCH METHANE BUILD UP. THE DAWSONS STATED THAT THERE IS NO PATTERN TO WHEN THE WELL WOULD VAPOR LOCK.

DAWSONS STATED THAT THERE HAS ALWAYS BEEN A ROTTEN EGG SMELL AND THEY WERE ORIGINALLY CONTACTED AND INFORMED OF THE PRESENCE OF METHANE IN 2010; DUE TO THE FACT THAT THEIR HOME/WELL WAS WITHIN 3,000 FT OF THE CLOSEST PRODUCTION WELL, WHICH BELONGED TO RANGE RESOURCES. RANGE RESOURCES COLLECTED WATER SAMPLES AND SENT THEM RESULTS, WHICH WERE GOOD. THE METHANE PROBLEM HAS CONTINUED TO WORSEN. A RESEARCH GROUP FROM DUKE UNIVERSITY CAME ALONG IN 2012 AND COLLECTED SAMPLES AND THE METHANE LEVELS HAD INCREASE AND THEY RECEIVED BAD RESULTS.

THE DAWSONS STATED THAT THEY HAD AN AIR TEST DONE IN THEIR HOME, WHICH CONSISTED OF A CANISTER BEING PLACED IN THEIR HOME FOR 24 HOURS AND THE RESULTS WERE REPORTED AT 12; WHICH THEY WERE TOLD IS NOT EXPLOSIVE, BUT THEY NEED TO ADDRESS THE METHANE ISSUE IN THE WATER AND AIR AT THEIR RESIDENCE.

COLUMBIA ANALYTICAL SERVICES RAN THE AIR TEST. THE DAWSONS STATED THAT THEY WERE TOLD THAT THE WATER WAS AT THE SATURATION LEVEL OF METHANE/WATER LEVELS AND THAT IS HOW THE METHANE GOT IN THEIR HOUSE AND SO THEY SET UP A VENT OFF THE TANK.

THE DAWSONS STATED THAT THEIR WATER QUALITY WAS A CONCERN DUE TO THE ROTTEN EGG SMELL, THE WELL VAPOR LOCKING, HAVING TO CONTACT PEOPLE MORE FREQUENTLY TO MONITOR THE METHANE LEVELS AND BIOMASS BUILD UP, THE GAS BUBBLES VISIBLE IN THE WATER WHEN WATER IS PULLED INTO A CONTAINER, AND THE AIR QUALITY RESULTS THAT THEY RECEIVED AFTER THE CANISTER TEST.

I CERTIFY THIS DATA IS TRUE AND COMPLETE:

Crystal Vierter
TECH NO. 526 DATE 08/07/13

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OFFICE REVIEW

BY _____

DATE _____

JOB NO. 13-9041

DISTRICT 7B

OPERATOR UNIDENTIFIED

LEASE/FACILITY# _____

LEASE/FACILITY DAWSON WATER WELL

COUNTY PARKER

COMPLAINT NAME _____

COMPLAINT NO. 10041

IN 2010 RANGE RESOURCES SAMPLED THE DAWSON WATER WELL BECAUSE IT WAS WITHIN 3000' OF RANGE RESOURCES'S GAS WELLS. DUKE UNIVERSITY CONTACTED THE DAWSON'S TO SAMPLE THEIR WATER WELL BECAUSE THEY WERE WANTING TO TEST WELLS IN THE AREA. MR. DAWSON SAID THE WATER WELL HAS PROGRESSIVELY GOTTEN WORSE. TESTING RESULTS BY COLUMBIA ANALYTICAL SERVICES TESTED THE WATER AND AIR INSIDE THE HOME. BOTH TESTS REVEALED HIGH METHANE LEVELS IN THE HOME AIR AND WATER WELL.

MR. BRICE PAYNE STATED THEY WANT TO SAMPLE THE WATER AT THE SAME TIME THE RRC DOES WITH ARMSTRONG LABS FOR COMPARISON. I TOLD THEM TO CONTACT GENE ORTIZ AT THE DISTRICT OFFICE TO SCHEDULE A JOINT TESTING TIME. MR. PAYNE STATED 1 MINUTE/15 MINUTE TESTING INTERVALS WOULD NOT BE SUFFICIENT TIME TO SEE THE HIGHER VOLUME OF METHANE IN THE WATER. FIRST TIME THE WELL 'VAPOR LOCKED' WAS 6/17/13.

BRICE PAYNE STATED THE DAWSON WATER WELL IS REFERED TO AT "WELL #26" ON THE RANGE WATER WELL STUDY FROM THE LIPSKY COMPLAINT.

CERTIFY THIS DATA IS TRUE AND COMPLETE:
Bolton Schuman
EACH NO. 077 DATE 08/07/13 Page 2 of 7

OFFICE REVIEW
BY _____
DATE _____