

Compliance Notice

Ohio Department of Natural Resources
 Division of Mineral Resources Management
 Region Phone (740) 439-9079

THIS IS TO NOTIFY YOU THAT AN INSPECTION WAS CONDUCTED BY THE ENFORCEMENT SECTION OF THE DIVISION OF MINERAL RESOURCES MANAGEMENT, OHIO DEPARTMENT OF NATURAL RESOURCES, ON THE BELOW DATE, AND THE FOLLOWING VIOLATIONS WERE NOTED.

API Well No.

34-013-20609-00-00

Project:

County: **BELMONT** Twp. **WARREN** Sec: **0** Lot: **0** WI Typ: **SWD**

Owner: **CNX GAS COMPANY LLC** Resp Co

Well Name: **BUCKEYE UIC BARNESVILLE(S** No.: WH_LAT: **40.026740** WH_LONG: **-81.159720**

Directions to site:

Inspection Type: **Drill / Deepen / Reopen** Contact: Phone

Inspection Purpose: **Status Check** Address

Type of Notification Contact **PAT SHREVE**

VIOLATION	1509: 22(A)	1501: 9-1-07	Drilling operation causing pollution and contamination
VIOLATION	1509: 22(C)	1501: NONE(A)	Dike or pit not able to prevent escape of Brine or other wastes

NOV Requirements **Inspection requires action**

On day of inspection I was in on site for a BOP Test. The BOP test could not be completed at present time because of wrong rubber size for the job. The CNX engineer Jay Hewitt notified me on a situation with water leaking out of hill. There were four places. There was a 4"flow and two 2"flows. There was also a 8"plastic corrugated pipe that was used for a french drain between the pit and the west wall of the location. I contacted Supervisor Simmers and Inspector Moravy. They told me to notify Inspector Farnsworth to assist me with this situation. I contacted Inspector Farnsworth and he would be in route ASAP. I started taking samples of the water. WS-1 was taken at the 4"stream down over the north end of the pit. WS-2 was taken at the sediment trap. WS-3 was taken at the center of the pit. Quantab readings revealed that the chlorides were 10,000-13,000ppm at WS-1 and WS-2. WS-3 and at site behind rig indicated that the chlorides were higher than that. Baroid employee Titus Robinson took samples also. He indicated that the ground water sample was at a chloride level at 13,000ppm. The pit sample was at a 28,000ppm in chlorides. Jay Hewitt contacted the construction team and advised them that he needed them on site to construct the containment pit down over hill. At this point in time, the source of water is yet to be determined. I contacted Tom Tomastik in Columbus and he advised that there were no wells in area near the CNX site. Delrick construction showed up and started to get prepared to construct the containment pit. Approximately 6:00pm Inspector Farnsworth arrived and Hewitt and I briefed him about the situation. We assessed the pit and the water flowing out of the hillside. There was no visible indication on the pit liner that there was a fluid loss from the drilling pit at this time. Inspection of the drilling pit revealed that pit liner was scorched and melted during the flaring of the Utica gas. We observed that the fluid level was at the lowest visible hole at this time. We tied an empty plastic sample bottle onto the flare line so that it was touching the fluid level so we could use this as fluid level indicator. Later in the evening we observed the water level was approximately one inch below the plastic bottle and there was a visible ring on the pit liner indicating a fluid loss. The drilling pit was losing fluid earlier in the evening, but due to the hot sun evaporating the fluid on the liner it was difficult to see the fluid loss. We notified Jay Hewitt that there was a visible fluid loss at this time and he immediately contacted water trucks and he also advised the drilling rig crew to start pumping the drilling pit into frac tanks. During the course of removing fluid from the drilling pit, we noticed a significant loss of water flow on the hillside. We continued to monitor the removal of the fluid from the drilling pit and the water flow on the hillside thru out the night and into the early morning. We advised Jay Hewitt to pump the fluids from the sediment trap and to keep pumping the fluid from the drilling pit until the water quits flowing out of the hillside. He advised that his company would empty the drilling pit and reline the drilling pit. We advised that they could pump it down below the holes or they could empty the pit and reline it. The operator is taking the appropriate remedial actions at this time. I advised Jay Hewitt that I would return to the site later today (Friday 13th) to check on compliance.

OHIO REVISED CODE CHAPTER 1509. PROVIDES FOR ADDITIONAL NON-EXCLUSIVE REMEDIES WHICH THE DIVISION MAY PURSUE.

Accompanied by

INJECTION/PRESSURE Vac ANNULUS/PRESSURE: Vac FLOW/METER Vac

HAULER NO

LISCENSE_NUM:

Compliance Notice

No 1282048725

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Address

Inspection Date: **8/12/2010**

Signature:

Date notice of violation Issued: **8/17/2010**

PAT SHREVE

Required action to be completed by: **8/12/2010**

Reviewed by:

Extended action completed:

Forward to:

Required action completed:

Original Owner **CNX GAS COMPANY LLC**

Section/Name

Former Owners