



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

**INSPECTION REPORT
ROUTINE**

DEP USE ONLY	Inspection Record No. 3068931
Complaint Record No. 351382	Enforcement Record No.


V1.3

DEP Office	Southwest Oil & Gas District Office	Telephone No.	Permit or Reg. No.	37-003-00960
Address	400 Waterfront Drive	Fax No.	Project No.	Well Pad: NO WELL PAD
	Pittsburgh, PA 15222-4745		Farm Name and Well No.	NIXON 501-1
Operator Name	ECONOMY NATURAL GAS INC		County	Allegheny
Address	PO BOX 23		Municipality	Scott Township
	SPRING CHURCH, PA 15686-0023		Latitude (DD)	40.38303
Telephone No.		OGO No. OGO-36618	Client ID No.: 117638	Longitude (DD)
Drilling Rig / Type		Facility		-80.07275

Other Permit Expired Alt/Meth. Annulus Open Conductor Only Spud Date: 01-01-1800 Coal Non-Coal

Category	Subcategory	Inspection Remarks / Violations / Violation Remarks	I	R	V
Well	Notification / Reporting - MIA, Reporting		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Continuing: Yes	Violation: 78.121(A) - WELL REPORTING – PRODUCTION REPORTING – Conventional operator failed to submit annual conventional production and status report for permitted or registered well. Violations Date: 07-29-2020 Violation Remarks:			
	Continuing: Yes	Violation: 78.91(a) - PLUGGING - GENERAL PROVISIONS - Upon abandoning a well, the owner or operator failed to plug the well to stop the vertical flow of fluids or gas within the well bore under 25 Pa. Code §§ 78.92—78.98 or an approved alternate method. Violations Date: 07-29-2020 Violation Remarks:			
	Continuing: No	Violation: 78.73(a) - GENERAL PROVISION FOR WELL CONSTRUCTION AND OPERATION - Operator failed to construct and operate the well in accordance with 25 Pa. Code Chapter 78 and ensure that the integrity of the well is maintained and health, safety, environment and property are protected. Violations Date: 07-29-2020 Violation Remarks:			
	Continuing: No	Violation: 78.74 - VENTING OF GAS - Operator vented gas to the atmosphere that produced a hazard to the public health and safety. Violations Date: 07-29-2020 Violation Remarks:			
	Continuing: No	Violation: 78.88(d) - OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to immediately notify the Department and take corrective actions to repair or replace defective equipment or casing for wells exhibiting progressive corrosion, rusting or other signs of equipment deterioration that compromise the integrity of the well. Violations Date: 07-29-2020 Violation Remarks:			
	Continuing: No	Violation: 78.88(e) - OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to submit an annual report to the Department identifying the compliance status of each well with the mechanical integrity requirements for structurally sound wells in compliance with 25 Pa. Code Section 78.73(c). Violations Date: 07-29-2020 Violation Remarks:			
	Continuing: No	Violation: OGA3220(A) - PLUGGING REQUIREMENTS - Failure to plug the well upon abandoning it. Violations Date: 07-29-2020 Violation Remarks:			

Well Status:	Well Production Type:	Well Type:	Depth: ft
Flowback <input type="checkbox"/> Yes <input type="checkbox"/> No		Stressed Vegetation <input type="checkbox"/> Yes <input type="checkbox"/> No	Wells on Location:
Separators <input type="checkbox"/> Yes <input type="checkbox"/> No		Oil Staining <input type="checkbox"/> Yes <input type="checkbox"/> No	
Casing	Size	Press (psi)	Volume (cu ft/d)
Cellar Observation			Length (ft)
			SIPT
			Equipment on Location
			Additional Comments

Water <input type="checkbox"/> Yes <input type="checkbox"/> No	Below Grade: ft	Dryers:	Meters:	
Gravel <input type="checkbox"/> Yes <input type="checkbox"/> No	Below Grade: ft	Pumpjacks:	Tanks:	
Bubbling <input type="checkbox"/> Yes <input type="checkbox"/> No	Rate:	Separators:		
Combustible Gas Detected <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> unchecked	Date Calibrated:	Drips:	Containment:	
Gas Concentration % LEL % Gas	Method Used:	Wellhead Observations		
H2S Detected <input type="checkbox"/> Yes <input type="checkbox"/> No	ppm	Corrosion:	Leaking:	
Photos Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Additional Documents <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WQS follow up <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Inspection Results	VOV - Violation(s) & Outstanding Violations
Remarks: No work has been done by operator to well/wellsite since last inspection. Wellhead has significant leaks from surface casing at ground level, production casing at corroded areas and minor leak at cracked valve topping wellhead. Sunny, clear, light breeze, 82 degrees.				
WELL IS GURGLING LOUDLY FROM INSIDE THE SURFACE CASING. THIS IS A NEW DEVELOPMENT. ALSO A MILD ODOR OF GAS.				
7/29/20 Bascom Turner readings: Ambient air up to 780 PPM Wellhead leaks up to 27% GAS COMPARE TO: 10/1/19 Bascom Turner readings: Ambient air up to 200 PPM Wellhead leaks up to 4660 PPM				
On Site Representative			DEP Representative	
(signature)				
(print name)			MARK BARNES - OIL AND GAS INSPECTOR	
Date: 07-29-2020		Time Arrived: 11:10 AM	Time Departed: 11:30 AM	

Inspector Names
HARRY WISE

Notice of Violation(s)	
Citation	Description of Violation
25 Pa. Code § 78.88(d)	78.88(d) OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to immediately notify the Department and take corrective actions to repair or replace defective equipment or casing for wells exhibiting progressive corrosion, rusting or other signs of equipment deterioration that compromise the integrity of the well.
25 Pa. Code § 78.88(e)	78.88(e) OPERATING WELLS - MECHANICAL INTEGRITY OF OPERATING WELLS - Operator failed to submit an annual report to the Department identifying the compliance status of each well with the mechanical integrity requirements for structurally sound wells in compliance with 25 Pa. Code Section 78.73(c).
25 Pa. Code § 78.91(a)	78.91(a) PLUGGING - GENERAL PROVISIONS - Upon abandoning a well, the owner or operator failed to plug the well to stop the vertical flow of fluids or gas within the well bore under 25 Pa. Code §§ 78.92—78.98 or an approved alternate method.
25 Pa. Code § 78.121(a)	78.121(A) WELL REPORTING – PRODUCTION REPORTING – Conventional operator failed to submit annual conventional production and status report for permitted or registered well.
25 Pa. Code § 78.73(a)	78.73(a) GENERAL PROVISION FOR WELL CONSTRUCTION AND OPERATION - Operator failed to construct and operate the well in accordance with 25 Pa. Code Chapter 78 and ensure that the integrity of the well is maintained and health, safety, environment and property are protected.
25 Pa. Code § 78.74	78.74 VENTING OF GAS - Operator vented gas to the atmosphere that produced a hazard to the public health and safety.
58 Pa. C.S. § 3220(a)	OGA3220(A) PLUGGING REQUIREMENTS - Failure to plug the well upon abandoning it.

Note: This Notice of Violation is neither an order nor any other final action of the Department of Environmental Protection. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

58 Pa.C.S. § = Act 13(OGA) • 25 Pa.Code § • 35 P.S. § 6018. = Solid Waste Management Act • 35 P.S. § 691. = Clean Streams Law

Instructions Response	
<input checked="" type="checkbox"/>	You are requested to respond as indicated below by 09/01/2020. If applicable, please include the description of activities you will pursue to achieve compliance with the statutes or regulations cited above. Address your reply to the DEP representative named below.
<input type="checkbox"/>	No further response required at this time
<input checked="" type="checkbox"/>	Written response requested
<input checked="" type="checkbox"/>	Add what you will do to correct the situation and achieve compliance?
<input checked="" type="checkbox"/>	Include explanation of cause of violations
<input checked="" type="checkbox"/>	Include the schedule or anticipated time frame for compliance activities you intend to carry out

Inspection Images

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