

# tblInspection Query

DT_INSPTD	API_WELLNO	INSP_PURPO	VIOL	SNC ECTIONPRESSURE	VLUSPRESSURE	CMMNT
12/19/2016	34155240910	SC	False	False		As of the time of inspection, the well has not been permitted to operate. The surface facility plan has not been submitted to the Division. Even though most of the surface facility has been constructed, the construction has not been approved by the Division. There were no changes onsite, since the last inspection.
6/30/2016	34155240910	SC	False	False		At the time of my inspection, American Energy has removed all of the impacted soil and vegetation affected by the leaking frac tanks. Grass seed and straw has been spread. The frac tanks are missing 4" plugs. I called Bob Barnett, owner of American Energy. I instructed Mr. Barnett to install plugs on all of the frac tanks.
6/13/2016	34155240910	SC	False	False		I was on location for a Mechanical Integrity Test (MIT). A pressure of 1,910 psi was placed on the casing annulus 3:52 PM. The MIT passed with a loss of 70 psi (3.7%) during the 15 minute test period.
5/19/2016	34155240910	SC	False	False		At the time of my inspection, I found the well not in operation. The tank battery has eight storage tanks. There is a steel dike around the tanks. There are 4" disconnected flow lines in the tank battery. The operating facility has not been constructed.
3/31/2016	34155240910	SC	False	False		As of the time of inspection, the well has not been permitted to operate. The surface facility plan has not been submitted to the Division. Even though most of the surface facility has been constructed, the construction has not been approved by the Division. There were no changes onsite, since the last inspection.
9/1/2015	34155240910	SC	False	False		There were no changes, since the last inspection.
8/18/2015	34155240910	SC	False	False		The unloading pad was poured with concrete.
7/24/2015	34155240910	SC	False	False		There were no changes onsite, since the last inspection.

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6/16/2015	34155240910	NVF	False	False	1260	110 The injection pressure was below the maximum allowed. The 1/4 inch valve on the tubing was replaced. There was positive pressure on the tubing-casing annulus.  The well was in compliance.
6/15/2015	34155240910	SC	False	False		The containment dike area was prepared, with the base rings, for tank installation.
6/9/2015	34155240910	SC	False	False		The tank battery containment dike construction was completed. No progress has been made since the last inspection.
6/4/2015	34155240910	SC	False	False		The inside of the containment dike was covered in a layer of pea gravel.
6/3/2015	34155240910	SC	False	False		The spray liner installation, inside the containment dike, was completed. The condition of the liner was sufficient.
6/2/2015	34155240910	SC	False	False		A metal containment dike was assembled. A contractor was spraying the liner on the inside surface of the dike.
4/22/2015	34155240910	SC	False	False		The pit solidification was complete. A contractor was moving stone on the wellsite. All conditions were acceptable.
4/21/2015	34155240910	SC	False	False		A construction contractor was sorting debris and solidifying the drilling pits. The site conditions were acceptable.
4/1/2015	34155240910	SC	False	False		The level inside the pit was a foot from the top. The site conditions were acceptable.
3/26/2015	34155240910	SC	False	False		A mechanical integrity test (MIT) was performed on the newly drilled well. A pressure of 1800 psi. was placed on the tubing/casing annulus. The MIT passed with a loss of 60 psi. (3.3%) during the fifteen minute test period.
3/23/2015	34155240910	SC	False	False		Pressure tested the 5-1/2 inch casing above the composite bridge plug. The casing held 1830 psi. of pressure for fifteen minutes.

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3/19/2015	34155240910	SC	False	False		The tubing was removed from the well. The service contractor was waiting for a tool required to drill out the remedial plug.
3/10/2015	34155240910	SC	False	False		Pressure tests on the well indicated that the 5-1/2 inch casing string was leaking. A third attempt was made to repair the leak. First, a composite bridge plug was set at 5985 feet. Second, a cement retainer was set at 5778 feet. A string of tubing was inserted into the retainer. Cement, followed by an epoxy resin, was squeezed into the interval. No problems were encountered.
3/6/2015	34155240910	SC	False	False		A cement retainer was set at 5778 feet. The service rig was running tubing, into the well, for a squeeze job.
3/5/2015	34155240910	SC	False	False		Pressure tests on the well indicated that the 5-1/2 inch casing string was leaking. A second attempt was made to repair the leak. The flow rate was determined to be too high, during a preliminary injection test. The squeeze job was cancelled.
3/3/2015	34155240910	SC	False	False		Appalachian Well Survey was on site to provide wireline services. The well was logged and a composite bridge plug was set 5985 feet.
3/2/2015	34155240910	SC	False	False		The service rig was tripping out tubing, after pushing an obstruction to the bottom. The well site conditions were acceptable.
2/26/2015	34155240910	SC	False	False		Service rig was drilling out the composite bridge plug. Well site conditions were acceptable.
2/20/2015	34155240910	SC	False	False		Pressure tests on the well indicated that the stage-tool, on the 5-1/2 inch casing string, was leaking. An attempt was made to repair the leak. First, a composite bridge plug was set below the leak. Second, a cement retainer was set above the leak. A string of tubing was inserted into the retainer. The tubing pressurized, during a preliminary injection test, indicating no leak. The squeeze job was cancelled.

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2/19/2015	34155240910	SC	False	False		Appalachian Well Survey was on site to provide wireline services. A composite bridge plug was set, below the stage-tool, at 5872 feet and a cement retainer was set, above the stage-tool, at 5840 feet.
2/18/2015	34155240910	SC	False	False		Pressure tests on the well indicated that the stage-tool, on the 5-1/2 inch casing string, was leaking. The service rig was pulling the tubing and packer assembly. The process was about half way complete at the time.
2/13/2015	34155240910	SC	False	False		Conditions of the work over pit and well site were acceptable.
2/10/2015	34155240910	SC	False	False		A second mechanical integrity test was performed on the well. The tubing/casing annulus would not hold pressure. The test failed.
2/5/2015	34155240910	SC	False	False		A mechanical integrity test was performed on the well. The tubing/casing annulus would not hold pressure. The test failed.
2/3/2015	34155240910	SC	False	False		The installation of the packer was witnessed. A total of 7768 feet of 2-7/8 inch tubing was ran and the packer was set. There was an indication that something in the assembly had loosened. The remainder of job was cancelled.
2/2/2015	34155240910	SC	False	False		The packer installation was postponed, because the well was flowing. The well was no longer hooked up to a tank, but shut-in. There was nobody on site. There were no additional issues of concern.
1/30/2015	34155240910	SC	False	False		The purpose of this inspection was to witness the packer installation. However, the well was flowing back water. The service contractor hooked the well up to flow back into a frac tank. The packer installation was postponed.
1/29/2015	34155240910	SC	False	False		The well was treated with a 1000 gallons of 28% HCl acid solution. The treatment operation and well site conditions were acceptable.

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1/21/2015	34155240910	SC	False	False		Contractor conducted a spinner survey on the well. Log interpretation showed the following: 95% of the water was injected between 8451 feet and 8600 feet, which coincided with the temperature change. The other 5% was injected near the top of the logged interval, between 7951 feet and 7975 feet.
11/24/2014	34155240910	SC	False	False		The well site was graded. The reserve pit was solidified with three loads of kiln dust. The working pit remains open and will be used to complete the well. All conditions were acceptable.
10/12/2014	34155240910	SC	False	False		A 310 foot string of 11-3/4 inch diameter conductor was set inside a 14-3/4 inch diameter borehole drilled 333 feet deep and cemented with 250 sacks of Class A cement with 3% calcium chloride. Sufficient cement returns were observed at the surface.
10/11/2014	34155240910	SC	False	False		A mine sting was set through a suspected mine void at approximately 152 feet deep. A 201 foot string of 16 inch diameter casing was set inside a 20 inch borehole drilled 206 feet deep and cemented with a total of 325 sacks of Class A cement with 3% calcium chloride. First, 100 sacks of cement were displaced, with 38 barrels of water, to the bottom section of casing, below the void. Second, 225 sacks of cement were pumped down the outside of the casing from the cement basket, at 117 feet, back to ground surface.
10/10/2014	34155240910	SC	False	False		Drilling had stopped at a depth of 168 feet. Circulation was lost at approximately 155 feet deep. The drilling contractor was converting from fresh water to fresh water drilling mud.
10/9/2014	34155240910	SC	False	False		The rig was drilling with fresh water at 83 feet. Construction of the drilling pits was complete. Both pits were properly lined. All conditions were acceptable.

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10/9/2014	34155240910	SC	False	False		The well was spudded. Construction contractor was digging drilling pits, which will be lined twice with geotextile fabric and then with a 20 mil liner. All conditions were acceptable.