

GAS WELL INSPECTION REPORT

Pad Site/Gas Well: Armstrong-Huggins (GW-08-0120)

X = compliance, * = deficiency noted

Operator: KEYSTONE EXPLORATION, LTD

Inspection Date	Signage	Perimeter Condition	Screening & Landscaping	Surface Equipment	Notes	Remarks
4/22/2013	X	X	X	X		
6/13/2013	X	X	X	X		
7/23/2013	X	*	X	X	(BBAM) HIGH WEEDS AND GRASS ALL OVER THE PAD SITE.	
8/21/2013	X	X	X	X		
9/30/2013	X	*	X	X	(JLUX) Tall weeds and grass around wellhead and secondary containment area. The wellhead needs painting. Extra equipment stored on location. Notified the operator of the issues.	
10/28/2013	X	*	X	X	(JLUX) Tall weeds and grass. metal equipment left on site. need to remove it.	
12/2/2013	X	*	X	X		
1/2/2014	X	X	X	X		
2/10/2014	X	X	X	X		
2/28/2014	X	X	X	X		
3/28/2014	X	X	X	X	(JLUX) Modern Geosciences came out on March 19th to conduct air monitoring inspection. no leaks were found.	
4/23/2014	X	X	X	X	(JLUX) Tall weeds and grass need to be mowed around the containment and wellhead area. the perimeter also needs to be mowed.	
5/29/2014	X	X	X	X	(JLUX) the grass and weeds have been mowed.	
6/26/2014	X	X	X	X	(JLUX) not producing, weeds around fence and wellhead needs to mowed.	
7/16/2014	X	X	X	X		

8/11/2014	X	*	X	X	(JLUX) tall weeds and grass are visible. Need to be mowed.	
9/10/2014	*	*	*	*		
9/11/2014	*	*	*	*		
9/17/2014	*	*	*	*	(jlux) Modern geosciences conducted air monitoring inspection on the wellhead and equipment. Monitored the air up and downwind on location. The road construction has made it to the pad site. They have put concrete pipe and boxes alongside the north side of fence. Operator has been notified.	
10/17/2014	X	X	X	X	(JLUX) Tall weeds and grass were around the well head and containment area. Needs to be mowed. Contacted the operator.	
11/13/2014	X	X	X	X	(JLUX) grass was mowed.	
12/19/2014	X	X	X	X		
1/8/2015	X	X	*	X	(JLUX) the fence is damaged on the northside of the pad. (facing the street) the fence needs to be repaired. contacted Jerry Eskew. may have been caused by the construction in the area.	
1/9/2015	*	*	*	*	(JLUX) The fence is fixed.	
2/11/2015	*	*	*	*	(JLUX) the perimeter fence around the pad was coming apart at the top. notified jerry eskew of the issue.	
2/16/2015	*	*	*	*	(JLUX) fence is repaired.	
3/26/2015	X	X	X	X		
4/14/2015	X	X	X	X	(JLUX) tall weed and grass needs to be mowed around the fence and inside the pad. I contacted Jerry and he is getting his crew out to mow.	
5/12/2015	X	X	X	X	(JLUX) grass was mowed on 4/30. no leaks found.	

6/5/2015	X	X	X	X	(JLUX) the grass has been mowed.	
7/9/2015	X	X	X	X		
8/10/2015	X	X	X	X		
9/17/2015	X	X	X	X	(JLUX) tall weeds and grass. operator was notified of issue.	
10/16/2015	X	X	X	X	(JLUX) air monitoring inspections conducted by Modern Geosciences. no leaks found on site.	
11/12/2015	*	*	*	*		
12/21/2015	*	*	*	*		
1/12/2016	*	*	*	*		
2/16/2016	*	*	*	*		
3/8/2016	*	*	*	*		
4/6/2016	*	*	*	*	(JLUX) tall weeds and grass. notified the operator.	
4/19/2016	*	*	*	*	(JLUX) Modern Geosciences conducted air monitoring inspection. No leaks were found at wellhead. Tall weeds and grass.	
4/26/2016	*	*	*	*	(JLUX) Re-inspection done. Tall weeds and grass on site. operator was notified to come mow the grass.	
4/29/2016	*	*	*	*	(JLUX) the operator mowed the tall weeds and grass.	
5/10/2016	*	*	*	*	(JLUX) no issues.	
6/7/2016	*	*	*	*	(JLUX) tall weeds and grass	
6/9/2016	*	*	*	*	(JLUX) met with RRC inspector and Matt on site and checked the wellhead and metal plates on the ground. Keystone will come out and remove plates to see whats underneath.	
6/28/2016	*	*	*	*	(JLUX) tall weeds and grass was mowed at site	

7/5/2016	*	*	*	*	(JLUX) the fence blew down and is exposing the wellhead and equipment on site. I contacted the operator and let them know the fence needed to be fixed ASAP.
7/7/2016	*	*	*	*	(JLUX) the fence was still laying on the ground. I contacted the operator yesterday to have someone come out to fix the fence. I will contact the operator again today if no one shows up.
7/11/2016	*	*	*	*	(JLUX) the fence is still down. contacted the operator to see when they would be able to fix fence.
7/18/2016	*	*	*	*	(JLUX) Matt and I met out at the A-H site with Louis Barron to discuss the fencing issue. We allowed them to put the new poles and fence up where it lies. Work should be done before Friday.
7/21/2016	*	*	*	*	(JLUX) met Louis out on location to look over fence repair. the fence is good and is a temporary fix.
8/10/2016	*	*	*	*	(JLUX) tall weeds and grass. operator has until Saturday 13th to mow.
8/12/2016	*	*	*	*	(JLUX) tall weeds and grass mowed.
8/26/2016	*	*	*	*	
9/9/2016	*	*	*	*	(JLUX) tall weeds and grass.
9/21/2016	*	*	*	*	(JLUX) grass was mowed by operator.
10/6/2016	*	*	*	*	
10/27/2016	*	*	*	*	(JLUX) Modern Geosciences and I conducted an air monitoring inspection today.
11/9/2016	*	*	*	*	(JLUX) reinspection done.
12/13/2016	*	*	*	*	

1/11/2017	*	*	*	*		
1/23/2017	*	*	*	*		
2/10/2017	*	*	*	*		
3/10/2017	*	*	*	*		
4/5/2017	*	*	*	*	(JLUX) tall weeds and grass mowed today.	
5/16/2017	*	*	*	*	(JLUX) tall weeds and grass on site and need to mow this week	
5/24/2017	*	*	*	*	(JLUX) tall weeds and grass on site. operator will be out to mow on Thursday or Friday.	
5/25/2017	*	*	*	*	(JLUX) tall weeds and grass was mowed by the operator	
6/16/2017	*	*	*	*	(JLUX) grass was mowed on the outside of pad site today.	
6/30/2017	*	*	*	*	(JLUX) tall grass inside pad site. notified operator	
7/10/2017	*	*	*	*	(JLUX) tall grass inside pad site. operator is going to mow this week.	
7/13/2017	*	*	*	*	(JLUX) grass was mowed.	
8/25/2017	*	*	*	*	(JLUX) grass was mowed.	
9/14/2017	*	*	*	*	(JLUX) no issues	
10/10/2017	*	*	*	*	(JLUX) grass needs to mowed inside pad site.	
10/27/2017	*	*	*	*	(JLUX) grass was mowed by operator	
11/14/2017	*	*	*	*	(JLUX) no issues.	
12/12/2017	*	*	*	*	(JLUX) No issues on site.	

1/3/2018	*	*	*	*	(JLUX) no issues	
1/17/2018	*	*	*	*	(JLUX) no issues	
2/12/2018	*	*	*	*	(JLUX) entrance gate to pad site is damaged and needs to be fixed. the operator was notified.	
2/27/2018	*	*	*	*	(JLUX) The gate is still not fixed. Talked to the operator and the gate is going to get fixed this week.	
3/7/2018	*	*	*	*	(JLUX) gate was fixed by Louis Barron.	
3/20/2018	*	*	*	*	(JLUX) The pad site gate needs to be fixed by operator. I called Louis and he will fix the gate this week.	
4/6/2018	*	*	*	*	(JLUX) the grass is getting tall and needs to be mowed by operator. the gate needs to be fixed again.	
4/24/2018	*	*	*	*	(JLUX) the entrance gate needs to be repaired. Tall weeds and grass need to be mowed.	
4/26/2018	*	*	*	*	(JLUX) Matt Woods and i went to check on site. the gate was still not fixed and the grass was high. Talked to land owner on location about issues with site. I sent an email to the operator to get issues fixed.	
4/27/2018	*	*	*	*	(JLUX) the grass was mowed and fence/gate will be fixed by the property owner.	
5/8/2018	*	*	*	*	(JLUX) gate is still in need of repair.	
5/24/2018	*	*	*	*	(JLUX) the gate is in poor condition and needs to be repaired or replaced with new fence panels. Contacted operator today and they do not have the funds to repair. NOV letter will be sent to Keystone.	

6/7/2018	*	*	*	*	(JLUX) tall weeds and grass and gate is down.	
6/11/2018	*	*	*	*	(JLUX) The tall weeds and grass needs to be mowed inside fencing. Contacted operator.	
6/27/2018	*	*	*	*	(JLUX) the tall weeds and grass hasn't been mowed inside the pad and the entrance gate is still broke.	
7/10/2018	*	*	*	*	(JLUX) Met Rocky on site to get quote to fix gate and mow the tall weeds and grass.	
7/30/2018	*	*	*	*	(JLUX) Rocky and his crew started on the site today. they mowed the grass and are working on the gate.	
7/31/2018	*	*	*	*	(JLUX) rocky runnels has repaired the entrance gate at the Armstrong Huggins pad site. The grass was mowed.	
8/15/2018	*	*	*	*	(JLUX) No issues on site.	
9/18/2018	*	*	*	*	(JLUX) tall weeds and grass on site. contacted the operator.	
10/10/2018	*	*	*	*	(JLUX) grass has been mowed.	
11/14/2018	*	*	*	*	(JLUX) no issues.	
12/10/2018	*	*	*	*	(JLUX) no issues.	
12/26/2018	*	*	*	*	(JLUX) The entrance gate was open to the gas well site. Operator came and closed the gate with new lock.	
1/7/2019	*	*	*	*	(JLUX) no issues	
1/30/2019	*	*	*	*	(JLUX) fence is down. fence was propped up and will be fixed tomorrow.	

1/31/2019	*	*	*	*	(JLUX) fence was looked at by operator. the fence posts need replacing and slatted fence needs to be attached to posts. operator was given NOV letter and has 2 weeks to fix fence
2/8/2019	*	*	*	*	(JLUX) fence was getting repaired by contractors. set poles and uprighted the fence. rained that day.
2/13/2019	*	*	*	*	(JLUX) fence was repaired but the bottom was not secured with wire. Louis was on site and had the contractor fix the fence.
2/14/2019	*	*	*	*	(JLUX) operator had fixed the fence and was properly secured
3/8/2019	*	*	*	*	(JLUX) no issues
4/3/2019	*	*	*	*	(JLUX) no issues.
4/23/2019	*	*	*	*	(JLUX) the grass is tall and needs to be mowed. operator has been notified of issue. The fence needs to be fixed on site. some of the metal ties have come lose on fence panels.
5/2/2019	*	*	*	*	(JLUX) louis barron went by and put the emergency number on the sign. they are waiting for the pad site to dry some before mowing next week.
5/17/2019	*	*	*	*	(JLUX) The tall weeds and grass need to be mowed by the operator. operator notified. The plan is to mow on next week if weather permittiing.
5/20/2019	*	*	*	*	(JLUX) drove by site this morning and the fence was down in certain areas. the grass also need to be mowed. notified the operator about issues.
5/28/2019	*	*	*	*	(JLUX) Pad was mowed. The fence was still down on the east side of pad. Keystone has til the end of May to fix the fence or citations will be given.

5/31/2019	*	*	*	*	(JLUX) The fence still was down. Keystone said they dont have the funds to fix fence. I met Mr. Grubbs on site to go over the A-H site fence situation. Keystone has til June 4th to fix issue with fence or citation will be issued.
6/5/2019	*	*	*	*	(JLUX) Matt Woods and I met Louis Barron out on A-H site to discuss the fence issue. We let him know that they still had until Monday 10th to fix the fence. Also we told him about the RRC NOV letter that was sent to Expro Engineering.
6/11/2019	*	*	*	*	(JLUX) met with Louis Barron this morning. He propped up the fence. He plans on sending in an amended plan for the A-H site next week. They also have plans to remove the containment area with tanks and separator. They have until the 19th or the RRC will deny paperwork and seal it then take it to legal to request the site to be plugged.
6/18/2019	*	*	*	*	(JLUX) a crew was out this afternoon working on the removal of the containment area and tank. They have until friday to get all equipment off the pad site.
6/19/2019	*	*	*	*	(JLUX) the crew was not working today.
6/20/2019	*	*	*	*	(JLUX) R5 Trucking and Construction company was on site removing the above ground equipment (tank, separator, and metal containment) today. They are finishing the work this afternoon and hauling everything away. Met Louis Barron on site at 1:30pm. We talked about getting the fence removed and placed around the wellhead per amended plan. R5 Trucking & Construction is going to do fence work next week. They plan on P&A the well in the future.
6/27/2019	*	*	*	*	(JLUX) sent louis, dennis, and mike a NOV letter today for the Armstrong Huggins pad. The fence is still down and nothing has been done about it in two weeks. They have until Monday, July 1st to be in compliance or citations will be issued.

7/2/2019	*	*	*	*	(JLUX) Dennis Browning was onsite with fence contractor today to get quote on removing fence an installing fence around wellhead.
7/3/2019	*	*	*	*	(JLUX) working on fence.
7/5/2019	*	*	*	*	(JLUX) completed the work on the fence. They installed fence panels around wellhead. Waiting on information about plugging well.
7/15/2019	*	*	*	*	(JLUX) tall weeds and grass on site. contacted operator about mowing pad.
8/12/2019	*	*	*	*	(JLUX) Dennis Browning mowed the front part of the pad on saturday, august 10th. he will finish the other part next saturday.
8/19/2019	*	*	*	*	(JLUX) the pad has tall weeds and grass. the front half of the pad was mowed last week.
9/12/2019	X	X	X	X	grass was mowed. no issues on site.
10/30/2019	*	*	*	*	no issues at this time. note: contact operator to mow pad one more time before well gets plugged.
11/15/2019	*	*	*	*	no issues. notified the operator that the grass is getting taller. The operator is still planning to plug the well.
12/16/2019	X	X	X	X	no issues on site. waiting on operator to plug well.
1/29/2020	*	*	*	*	no issues on site. The homeowner is using the site to store materials for his property and operator is letting them. the operator still plans on plugging the well.
2/7/2020	X	X	X	X	no issues on site. operator still plans on P&A well this year.
3/9/2020	X	X	X	X	no change to pad site. Still waiting on the operator to decided to plug well.
4/7/2020	X	X	X	X	Talked to Dennis Browning and the grass will be mowed in coming weeks. The gas well could be plugged & abandoned by end of July.
4/16/2020	X	X	X	X	The gas well pad site was mowed by the operator. No date has been set by the operator for plugging the well.

5/27/2020	X	X	X	X	no issues on site
6/22/2020	X	X	X	X	tall weeds and grass on site.
7/7/2020	X	X	X	X	inspected gas well site and the grass is getting tall on pad. talked to operator and they will have someone come out and mow pad in the next few weeks.
7/20/2020	X	X	X	X	The grass was mowed by operator.
8/19/2020	X	X	X	X	no issues. tall weeds and grass inside of fence around the wellhead. operator is aware of tall grass.
9/24/2020	X	X	X	X	tall weeds and grass on site.
10/15/2020	X	X	X	X	no issues on site. the grass was mowed by operator. the dirt piles are ok and not inside the designated tie down anchor wellhead area.
11/23/2020	X	X	X	X	no issues. piles of dirt on site from land owner. permission to store on site from operator.
12/3/2020	X	X	X	X	no issues on site. piles of dirt are on site stored by owner of property with permission from operator.
1/12/2021	X	X	X	X	no issues on site. the dirt piles are growing and getting close to fence. the piles need to be smoothed down.
2/8/2021	X	X	X	X	no issues onsite today and dirt piles are still on pad. no word on when well will be plugged by operator.
3/25/2021	X	X	X	X	no issues on site. The dirt piles are on the pad to help operator when its time to plug the well. still do not have a date of when the operator wants to plug well.
4/27/2021	X	X	X	X	no issues. talk to operator and well is on their list to plug and abandoned.
5/7/2021	X	X	X	X	dirt piles are on pad site. The site is going to be plugged and abandoned
6/15/2021	X	*	X	X	the grass is getting tall and the dirt piles have weeds growing from them. The operator has emailed the 10-day notice requirement to plug the gas well. Still waiting on a plugging date from operator.

7/19/2021	X	X	X	X	The grass is getting tall and needs to be mowed. Talked to the operator about getting grass cut before they come and plug the well. The gas well has been approved to be plugged and abandoned but no official date has been set. Dirt that is on site will be used to fill in the site and bring it back to grade.	
8/11/2021	*	*	*	*	no issues. Waiting on plugging company to come plug the well. The grass was mowed by operator.	
8/16/2021	X	X	X	X	The grass was mowed. Waiting on operator to plug well. TBD	
9/14/2021	*	*	*	*	PetroSmith Plugging Company was on site this afternoon rigging up the plugging unit to the gas well. They are almost done rigging up and secure the rig to the well. If they have time they will install the BOP to the well. Pump truck and frac tank are on location. Other trucks will show up tomorrow morning. The work should take 2-4 days to complete.	Plugging unit on well
9/15/2021	*	*	*	*	The plugging unit finished rigging up this morning and installed the BOP to the well. They started pulling pipe at noon. The wireline showed up on site to set CIBP. They were able to set the CIBP at 5pm today. RRC inspector was on site to witness it. They got to a point that they felt good to stop at and shut down at 7pm.	plugging well
9/16/2021	*	*	*	*	The plugging crew were not able to pull the casing out of the hole today at the Armstrong Huggins pad site. They were able to cut casing around noon today, but they couldn't get it lose with the rig or casing jacks. The will be trying again this afternoon around 6pm to cut casing with a better cutting device. Once they cut the casing, they will attempt to pull on the casing to see if it can come apart. If not, they will shut down for the day and start back up tomorrow morning.	plugging well

9/20/2021	*	*	*	*	Friday they set two plugs and shut down at 7pm. Today they set two more plugs this morning and rigged down by noon. Crew was cleaning up site and removing trucks from location. They were using a backhole to dig down 10 feet below surface to cut casing and install pipe riser. All trucks and equipment will be removed by Wednesday. Reclaiming of the pad site will resume on Thursday.	plugged well
9/21/2021	X	X	X	X	Petro Smith Company finished plugging the well on Monday afternoon. They started moving trucks and equipment today. They dug down around 8 foot to cut surface casing and then weld plate on top. Crew attached pipe riser to plate and backfilled hole. today they continued to clean pad site and remove remaining equipment off site. Everything will be remove from pad site by tomorrow. Operator will be reclaiming the pad back to its natural state.	plugging well
9/29/2021	X	X	X	X	Scheduled an onsite meeting today at 8am to discuss the reclaiming of the gas well site. Dennis Browning, Ryan Grubbs, and his wife attended the meeting. We discussed the gas well ordinances on reclaiming the site back to its natural state. The drainage issues while grading site and slope of property were the main topics of discussion. Dennis is going to give me a date on when he is going to start work on reclaiming site.	
11/17/2021	*	*	*	*	Dennis Browning emailed me on Friday, November 12th and said he found a company to come reclaim the gas well pad. Randall Roten, Roten Excavation will start work on site sometime before Thanksgiving and then pick back up on December 1st to finish reclaiming the site.	reclaiming gas well pad site
11/29/2021	X	X	X	X	No work has been done yet to site. The company that will be reclaiming the pad site will start on Wednesday or Thursday of this week.	reclaiming site
12/1/2021	*	*	*	*	Mr. Roten, with Roten Excavating Company is on site today pushing dirt piles and grading pad. He will be on site the next few weeks reclaiming the site back to its natural state and making sure the drainage is flowing the right direction. His cell number is 817-271-5110.	reclaiming site
12/13/2021	X	X	X	X	Moving dirt around on site. Filling in low areas and grading dirt that is on the pad. separating the top layer of base gravel from dirt that is on site.	reclaiming site

12/20/2021	*	*	*	*	Company is moving dirt with excavator and skidsteer today. making good progress and should be done by the end of the month.	reclaiming site
12/30/2021	*	*	*	*	The Armstrong Huggins pad had been reclaimed back to its original state and was seeded on Dec. 28	reclaiming site is done