

## 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.	