

## GAS WELL INSPECTION REPORT

**Pad Site/Gas Well:** Sam Wilson Ranch (GW-05-05)

**X = compliance, \* = deficiency noted**

**Operator:** Eagle Ridge Operating, LLC

Inspection Date	Signage	Perimeter Condition	Screening & Landscaping	Surface Equipment	Notes	Remarks
4/30/2013	X	X	X	X		
6/13/2013	X	X	X	X		
7/30/2013	*	X	*	X	(BBAM) 3H GAS WELL SIGN IS ON THE GROUND. IT NEEDS TO BE DISPLAYED PROPERLY. LATCH ON THE CHIAN LINK FENCE AROUND THE PRODUCED WATER TANKS NEEDS TO BE REPLACED.	
8/26/2013	X	X	X	*	(BBAM) 8H WELL HAS SATURATED GRAVEL AND WELLHEAD LOOKS WET AT THE BASE. CHECK FOR SALTWATER LEAK. 2H WELL HAS SALT DEPOSITS. CHECK FOR SALTWATER LEAK.	
10/1/2013	X	X	X	*	(JLUX) Salt water deposits at the base of well 2h. notified operator	
10/28/2013	X	*	X	*	(JLUX) Water hauler on site. well 3h is showing signs of corrosion on bottom of well head. Chemical trailer on site. well heads need painting TBD.	
12/2/2013	X	X	X	X		
1/2/2014	X	X	X	X		
2/10/2014	X	X	X	X	(JLUX) leak was found at well head. the leak was fixed the next day.	
2/28/2014	X	X	X	X		
3/28/2014	X	X	X	X		

4/23/2014	X	X	X	*	(JLUX) Robbie with Premier was notified of the issues at the sam wilson cs pad site. they will be fixed before next months air montioring inspections.  (JLUX) Leak detected at wellhead 11H. The baker valve is being replaced. Also the well heads 2H and 4H are showing signs of corrosion. the wellheads are scheduled to be painted in the next few weeks.	
5/29/2014	X	X	X	*	(JLUX) Air Monitoring inspection on May 20th. There were leaks detected at the separators and wellheads. Two baker valves at the wellheads 10 and 11 were replaced with new ones. the leaks at the separators were fixed by replacing valves and tightening fittings. the flare stack will be addressed this week.	
6/24/2014	X	X	X	X	(JLUX) Air monitoring was at normal operating levels. noise was in compliance.	
7/15/2014	X	X	X	X		
8/12/2014	*	*	*	*	(jlux) Wellheads show no leaks. The separators are showing higher readings due to the couplings being lose behind the mallard control boxes. Also, the high bleed valve at #8 separator has a continuous leak. Operator will be notified of the leak. Workers are working on the compressor.	
9/18/2014	X	X	X	X		
10/30/2014	X	X	X	X		
11/18/2014	X	X	X	*	(JLUX) air monitoring inspection was conducted by modern geosciences. Leaks were found at separators, tanks, and wellheads. Premier was notified of leaks.	

12/10/2014	X	X	X	X	(JLUX) the leaks were fixed at the Sam Wilson CS site. I ran into Robby on location during my re-inspection. He was testing the fluid level on well 12H before the work over rig comes in on the 15th. The readings were at or below 1% on all the separators and valves.
12/15/2014	X	X	X	X	
1/27/2015	X	X	X	*	(JLUX) monthly inspection. I found a leak at the hammer union on wellhead 7h. Bryant came out to work on the hammer union to see if he could fix it. the threads are bad and will have to replace the union tomorrow. he will call me when the leak is fixed. no other issues were found during the inspection.
2/17/2015	X	X	X	X	
3/27/2015	X	X	X	*	(JLUX) The separators- the mallard boxes(snap valves) need to be addressed on all the separators. The wellheads- the wells 2H and 4H had heavy corrosion at the base of the well. Needs painting. Also the weeds need to be killed inside the fences. The Tanks- water truck on site. NORM stickers need to be put on all tanks. Operator was notified of all issues.
4/17/2015	*	*	*	*	
4/30/2015	*	*	*	*	(JLUX) Air monitoring inspection was conducted today. the tanks showed
5/12/2015	X	X	X	X	(JLUX) Trinity crew was out on site fixing leaks from Modern Geoscience inspection. Leaks were fixed at separators and piping. No other issues on site during inspection.

5/19/2015	X	X	X	X	(JLUX) re-inspection was done. no leaks found. The work over rig arrived on site today. the rig is on well 8H. Replacing tubing and gas lift valves. 265 joints.  (JLUX) The rig moved to well 11H on monday the 18th. they replaced tubing and gas lift valves. work was completed on Tuesday 19th.	
6/25/2015	X	X	X	X	(JLUX) No leaks detected during inspection. Trintiy was putting new soil/base down around the tanks. They are cleaning up the site. They took 8 tanks out of service to have repaired and cleaned on the inside. 4 tanks remain in service and will later been repaired. 2 water trucks on site.	
7/28/2015	X	X	X	X	(JLUX) conducted inspection. no leaks detected. Trinity is preparing the compressor move for august 13th. They have two temp compressors out on site right now and will move two more in. The middle row of tanks have been replaced with new ones and are in use. the other eight are out of service. The landscape is not getting enough water. The trees are turning brown.	
8/18/2015	X	X	X	X	(JLUX) the compressor building is getting taken apart by Black Sheep Oilfield Services. JJ electrical company removed all the electricity from the building. The temporary compressors are running at this time. FlowCo. technician was checking fluid level on well 4H. Well 11H has salt deposit on piping.	
9/28/2015	X	X	X	X	(JLUX) compressor work onsite. Work complete on Sept. 30th.	
10/16/2015	X	X	X	*	(JLUX) air monitoring inspections conducted by Modern Geosciences. Leaks found at wellheads and separators. operator was notified of leaks.	
10/29/2015	*	*	*	*	(JLUX) work over rig onsite working on well 1H. Replacing tubing and gas lift valves. Should be done on the 31st. Re-inspections done. leaks are getting fixed.	

11/3/2015	*	*	*	*	(JLUX) work over rig was on site. Re-inspection was done. No leaks found.	
11/23/2015	X	X	X	X	(JLUX) no issues found. a crew was fixing the entrance gate to the site.	
12/16/2015	*	*	*	*		
1/12/2016	X	X	X	X	(JLUX) pumpers out on location working on separators.	
1/27/2016	X	X	X	X	(JLUX) compressor company onsite conducting a PM on the compressor. No other issues	
2/18/2016	X	X	X	X		
2/24/2016	X	X	X	X	(JLUX) a crew was working on compressor with pumper onsite. measurement truck on location checking meters. no issues on site.	
3/17/2016	X	X	X	X	(JLUX) CDM company was testing the emission on the compressor. A crew was out mowing the grass. Some of the gas well sign on the fences were down.	
4/19/2016	X	X	X	*	(JLUX) Modern Geosciences and I conducted an air monitoring inspection today. We found leaks and tagged them for the operator to fix. Operator was notified on leaks.	
4/27/2016	X	X	X	X	(JLUX) reinspection done.	
5/24/2016	*	*	*	*		
6/14/2016	*	*	*	*		
7/14/2016	*	*	*	*		
7/29/2016	*	*	*	*		
8/12/2016	*	*	*	*		
8/26/2016	X	X	X	X		

9/23/2016	X	*	*	X	(JLUX) weeds and grass around well heads. landscaping trees are dying on top on hill. the fencing panels around the wellheads need to be fixed.
9/28/2016	X	X	X	X	(JLUX) took noise reading at entrance gate. conducted inspection.
10/12/2016	*	*	*	*	(JLUX) tall weeds and grass inside containment area, around the wellheads, and tanks.
10/25/2016	X	X	X	X	(JLUX) tall weeds inside containment area.
10/27/2016	X	X	X	*	(JLUX) Conducted an air monitoring inspection with Modern Geosciences today. leaks were found at separators. took pictures and sent to operator.
11/10/2016	*	*	*	*	(JLUX) tall weeds and grass was gone.
11/15/2016	X	X	X	X	(JLUX) reinspection done.
11/23/2016	*	*	*	*	(JLUX) reinspection done
12/20/2016	*	*	*	*	
1/10/2017	*	*	*	*	(JLUX) water truck on location.
1/25/2017	X	X	X	X	(JLUX) incident report- the compressor caught fire this morning around 10:30 am at the Sam Wilson CS site. I was notified by Brandon Barth (Fire Dept.) and then I notified the operator about the incident. CDM compressor crew along with Ryan (TRE) were already on site when I got there along with the Fire Dept. The CDM crew extinguished the fire and fire dept. helped cool it off. The (ESD) Emergency shut down devices were pushed and activated. Everything worked as planned. the report will be conducted and sent to me to file. i took photos of compressor and uploaded them into Trakit.
1/30/2017	*	*	*	*	(JLUX) work was being done on building and compressor.

1/31/2017	*	*	*	*	(JLUX) compressor engine has been replaced and crew is installing the parts today.
2/2/2017	*	*	*	*	(JLUX) A work over rig arrived on location and rigged up on well 7H. They pulled old tubing out of hole and gas lift valves.
2/3/2017	*	*	*	*	(JLUX) the work over rig is on well 7H. They were fishing for the old tubing. They were able to latch onto the tubing and pump acid and water down hole. The rig shut down for the day.
2/6/2017	*	*	*	*	(JLUX) the work over rig is on well 7H. they were hook on and trying to get the tubing to come apart. Not successful today get the tubing out of hole.
2/7/2017	*	*	*	*	(JLUX) they were unsuccessful get the tubing out of hole again today. cut tubing and started bringing up WS tubing and shut down.
2/8/2017	*	*	*	*	(JLUX) The rig pulled WS tubing out today and put in production tubing and gas lift valves. Completed the work and put well head back together and rig down. leave tomorrow morning.
2/14/2017	X	X	X	X	(JLUX) no issues
3/23/2017	X	X	X	X	(JLUX) no issues. water truck on location.
4/7/2017	X	X	X	X	(JLUX) measurement truck on site. Corrosion on separator piping. notify the operator of issues.
4/27/2017	X	X	X	*	(JLUX) Air monitoring inspections conducted with Modern Geosciences today. Leaks found at separators. operator was notified of issues.
5/4/2017	X	X	X	X	(JLUX) reinspection done. leaks were fixed
5/30/2017	*	*	*	*	(JLUX) no issues.

6/14/2017	X	X	X	X	(JLUX) no issues	
6/21/2017	*	*	*	*		
7/18/2017	*	*	*	*		
8/10/2017	*	*	*	*		
9/20/2017	*	*	*	*		
10/9/2017	*	*	*	*	(JLUX) Jimmy and i went and walked the site and checked on the landscaping around the pad. several trees need to be replaced.	
10/17/2017	X	X	X	*	(JLUX) Air monitoring inspection was conducted today with Modern Geosciences. Leaks were detected at separators. Notified operator.	
11/16/2017	X	X	X	X	(JLUX) reinspections done today. The leaks at the separators were fixed by the operator. No leaks found on site.	
12/14/2017	*	*	*	*	(JLUX) conducted monthly inspection today. no leaks found during inspection.	
12/22/2017	*	*	*	*	(JLUX) No issues on site.	
1/9/2018	X	X	X	X	(JLUX) no issues on site.	
1/26/2018	X	X	X	*	(JLUX) small leaks were found at the wellheads 4h and 7h. I notified the operator about the leaks. the pumper was called out to come fix the leaks on Friday afternoon.	
1/30/2018	X	X	X	X	(JLUX) leaks were fixed at the plunger caps on wellheads 4h and 7h.	
2/2/2018	X	X	X	X	(JLUX) leaks were fixed at the wellheads plunger caps	
2/22/2018	X	X	X	X	(JLUX) conducted inspection. no leaks found. operator was on site checking wells.	



3/6/2018	X	X	X	X	(JLUX) no leaks found	
3/28/2018	X	X	X	*	(JLUX) small leak found at wellhead 4h. the pressure gauge was leaking. operator was notified of issue.	
4/11/2018	X	X	X	*	(JLUX) Air monitoring inspections were conducted with Modern Geosciences today. small leaks were found on site at the separators. Plunger caps on a few wells were leaking. the operator was notified.	
4/18/2018	X	X	X	X	(JLUX) reinspection done. the leaks were fixed by operator.	
5/11/2018	X	X	X	X	(JLUX) conducted inspection. no leaks found.	
6/13/2018	X	X	X	X	(JLUX) A work over rig is on well 8H. Replacing gas lift valves down hole.	
6/14/2018	X	X	X	X	(JLUX) the work over rig completed the work on well 8H today. Rigged down and moved off location. conducted inspection.	
7/26/2018	X	X	X	X	(JLUX) no leaks found on site. wellheads are showing corrosion around the plunger caps. called operator about the corrosion.	
7/30/2018	X	X	X	X	(JLUX) no leaks found.	
8/29/2018	X	X	X	X	(JLUX) no leaks found during inspection. corrosion found at a few wellheads near plunger cap. Operator has a crew coming out to paint the wellheads.	
9/13/2018	X	X	X	X	(JLUX) wellheads were painted. no issues on site. USA compressor technician was working on the compressor.	
9/27/2018	X	X	X	X	(JLUX) no issues on site.	

10/26/2018	X	X	X	*	(JLUX) Air monitoring inspection with Modern Geosciences today. Small leaks were found at separators. The pumper was on site while the inspection was been conducted and was notified of leaks.	
11/15/2018	X	X	X	X	(JLUX) no issues on site.	
12/12/2018	X	X	X	X	(JLUX) no issues on site.	
12/31/2018	X	X	X	X	(JLUX) no issues on site.	
1/24/2019	X	X	X	X	(JLUX) no leaks found on site. pumper was on site checking on wells. pad has some potholes near tanks that need to be filled in.	
2/18/2019	X	X	X	X	(JLUX) A work over rig was on location to replace gas lift valves. They were done with the work that afternoon and rigged down. the rig will move off location tomorrow morning.	
3/11/2019	X	X	X	X	(JLUX) no issues on site	
3/14/2019	X	X	X	*	(JLUX) conducted air monitoring inspections with Modern Geosciences today. Leaks were found at the separators mallard boxes (2). no other issues found.	
4/11/2019	X	X	X	X	(JLUX) water truck on site. no issues on location.	
5/15/2019	X	X	X	X	(JLUX) no issues on site. ER meter guy on location checking meters at wells. crew moving dirt on south pad.	
6/4/2019	X	X	X	X	(JLUX) no issues on site.	
6/5/2019	X	X	X	X	(JLUX) conducted on site emergency response meeting at the Sam Wilson CS pad with the operator . Fire, EM, and staff were on location for training. The ERP will be updated.	

7/17/2019	X	X	X	X	(JLUX) no leaks found on site. usa compressor crew on site working on compressor. dirt is being brought from Cumm C and piled on back of site.
8/7/2019	X	X	X	X	(JLUX) no issues on site.
8/27/2019	X	X	X	X	no leaks on site.
9/11/2019	X	*	X	X	no leaks found on site. need to get with operator about dead trees.
9/18/2019	X	X	X	X	conducted air monitoring inspections with modern geosciences today. leaks were found at the separators and piping and were tagged. the operator was notified of leaks today. Pumper came to site in the afternoon and fixed the leaks
9/19/2019	X	X	X	X	Re-inspection done. the operator fixed the leaks at the separators. no other issues on site.
10/9/2019	X	X	X	X	no issues found on site.
11/6/2019	X	X	X	X	no issues on site.
11/19/2019	X	X	X	X	no issues on site
12/12/2019	X	X	X	X	no leaks found at time of inspection.
1/13/2020	X	X	X	X	no leaks found during inspection.
2/17/2020	X	X	X	X	no issues on site
3/19/2020	X	X	X	*	Air monitoring inspection today with Modern Geosciences. Leaks found during air monitoring inspection located at the separators mallard boxes(snap valves) and above ground piping inside the containment. Also, leak was found on a piping valve behind compressor building. Pictures were taken and sent to pumper. Operator (pumper) will be fixing the leaks this afternoon.
3/20/2020	X	X	X	X	The operator has fixed the leaks that were tagged on site. no other issues on site. reinspection was done.
4/15/2020	X	X	*	X	no leaks found during inspection. talked to pumper about entrance gate getting repaired,
5/13/2020	X	X	X	X	No issues found at time of inspection.

6/23/2020	X	X	X	X	no issues on site. standing water was on pad from rainfall.
7/21/2020	X	X	X	X	no issues onsite.
8/11/2020	X	X	X	X	no leaks at time of inspection
8/25/2020	X	X	X	X	no issues found onsite.
9/16/2020	X	X	X	*	Conducted an air monitoring inspection today with Modern Geosciences. Small leaks were found at the separators and piping. The leaks were tagged and the operator was notified of leaks. The containment area was showing corrosion at the bottom of metal border where the liner meets. The issues will be addressed by the operator.
9/23/2020	X	X	X	X	reinspection done. leaks fixed by operator.
10/8/2020	X	X	X	X	operator fixed the containment area.
10/14/2020	X	X	X	X	no issues on site during inspection.
11/2/2020	X	X	X	X	no issues on site. pumper on site working.
11/19/2020	X	X	X	X	no issues on site at time of inspection.
12/2/2020	X	X	X	X	no issues on site. meter guy on location checking wells.
12/30/2020	X	X	X	X	conducted inspection. no leaks on site.
1/12/2021	X	X	X	X	pumper and meter guy on site checking on wells. no issues on site.
1/25/2021	X	X	X	X	no issues on site at time of inspection.
2/10/2021	X	*	X	X	A work over rig is on location. The rig will be conducting a clean out on well 1H. Pulling tubing and gas lift valves and replacing bad tubing. Should take a few days to complete. They were hydro testing the tubing before it was going down hole.
2/11/2021	X	*	X	X	The work over rig was on well 1H. They pulled pipe and was in the process of cleaning out well this morning. They have completed the clean out of the well this afternoon and was rigging down. The rig will be leaving once they finished cleaning up the site.
3/19/2021	X	*	X	X	no issues on site. trees are dead on southeast side of pad.

3/24/2021	X	*	X	X	conducted air monitoring inspection today with Modern Geosciences. leaks were found at separators. The containment area behind separator 12H has corroded and created a hole in containment liner with exposed rock. I contacted the operator about the leaks and issue with containment area.	
4/26/2021	X	X	X	X	no issues on site during inspection.	
5/12/2021	X	X	X	X	no issues onsite at time of inspection.	
6/8/2021	X	X	X	X	pumper on site working on gas wells. no other issues on site.	
7/19/2021	X	X	X	X	no issues on site.	
8/12/2021	X	*	X	X	No issues on site. pumper was on location working on well 9 plunger.	
9/13/2021	X	X	X	X	Conducted Emergency Response meeting with operator. ERP was updated by operator. no issues on site during inspection.	
9/22/2021	X	X	X	X	Conducted an air monitoring inspection with Modern Geosciences today. Leaks were found at the separators and tanks. The pumper came on site and fixed the leaks at the separators, but the leak at the AST's will need a new valve (quarter-turn shut off valve) installed where the water hauler hook up to load the water. No other issues found on site.	
10/8/2021	*	*	*	*	New valve and bucket installed - J.W.	re-inspection
11/18/2021	X	X	X	X	No issues at time of inspection today.	
12/6/2021	X	*	X	X	no issues at time of inspection.	
12/29/2021	X	*	X	X	no issues on site.	
1/5/2022	X	X	X	X	no issues on site at this time.	
1/24/2022	X	X	X	X	no issues on site today.	
2/14/2022	X	X	X	X	no issues at time of inspection today.	
3/8/2022	X	X	X	X	no issues on site today,	
3/23/2022	X	X	X	X	Conducted air monitoring inspection today with Modern Geosciences. They found small leaks at the separators (mallard boxes). Small leak was found on 4h horizontal separator. AST leak was fixed as well. The operator was onsite after the inspection was done and fixed all the leaks at the separator and wellhead.	leaks fixed after inspection

4/6/2022	X	X	X	X	no issues on site.	
5/4/2022	X	X	X	X	no issues on site.	