

2008 Jackson Prairie Atmospheric Corrosion Survey

1= No Corrosion 2=Minor Corrosion 3=Major Corrosion

| Location | Cond. # | Description | Initials | Date |
|----------|---------|--|----------|--------|
| SU#1 | 2 | Plug top separator, safety valve, Run flanges, orifice meter flanges | JS | 6/9/08 |
| SU#2 | 2 | Separator gauge piping relief, big joe, dump valve | JS | 6/9/08 |
| SU#5 | 2 | Senior fitting, 1" ball valve before dump valve, safety valve, relief valve dump valve, senior fitting | BP | 6/6/08 |
| SU#6 | 2 | Ins. flange, big Joe, relief, dump valve, junior fitting, run piping, separator flanges, run valve fla | JS | 6/9/08 |
| SU#16 | 2 | Run valve, dump valve & controller, sep.flange, big joe, relief valve, goose neck, safety | JS | 6/6/08 |
| SU#18 | 2 | Run valve flanges, safety valve, senior fitting, drip o/s fence | JS | 6/9/08 |
| SU#19 | 2 | Relief valve, dump valve | JS | 6/9/08 |
| SU#20 | 2 | separator flanges, run piping | JS | 6/9/08 |
| SU#21 | 2 | Separator gauge piping, big joe, relief valve, safety valve button | JS | 6/9/08 |
| SU#22 | 2 | Safety valve, hammer union tubing, high psi relief valve, 1 1/2 plug, dump valve, Big joe run valve, spool flange north of shack | BP | 6/9/08 |
| SU#23 | 2 | Relief valve, run piping, 2" plug on separator | JS | 6/9/08 |
| SU#24 | 2 | Casing valve, sep. relief valve, big joe, run pipe surface, dump valve, safety valve | BP | 6/9/08 |
| SU#25 | 2 | Dump valve piping, goose neck, low psi relief valve, 3/4" blow down valve | JS | 6/9/08 |
| SU#26 | 1 | Good | JS | 6/9/08 |
| SU#27 | 2 | Dump valve, big joe, relief, 1/2" h/p gauge fittings, 1 in 90 after relief valve, senior drain valve | BP | 6/9/08 |
| SU#29 | 2 | Safety valve, gooseneck, relief valve, big joe, dump valve & controller, test button, senior fitting, run valve flanges | JS | 6/6/08 |
| SU#30 | 2 | Safety valve, sep. flanges, relief valve, big joe, hp. gauge, dump valve, run valve, senior fitting | JS | 6/6/08 |
| SU#31 | 2 | Safety valve, 2" plug, ins. flanges, relief valve, big joe, hp. gauge, dump valve, run piping to ground, senior fitting | JS | 6/6/08 |
| SU#38 | 2 | Casing valve, sep. flanges, body & legs, relief valve, big joe, run, piping & flanges, run valve & flanges, senior fitting | JS | 6/6/08 |
| SU#43 | 2 | Safety valve, Hp. Sep., ins. flanges, dump valve, run piping, 1/2" tap relief valve, big joe, senior fitting, run valve | JS | 6/6/08 |
| SU#44 | 2 | Run valve flanges, separator, relief valve, big joe | BP | 6/6/08 |
| SU#46 | 2 | Safety valve, gooseneck, relief valve, big joe, dump valve, run valve piping, senior fitting | JS | 6/6/08 |
| SU#50 | 2 | Safety valve, ins.flange, Lp. Sep & relief, senior fittings, 6" check & 6" run valve | JS | 6/6/08 |
| | 3 | Tape wrap at end of run, rust, scale, pit depth .05 Rewrapped on 6-10-08 | | |
| SU#53 | 2 | Ins. Flange, relief valve, big joe, dump valve, senior fitting, run flange(mid), run valve flange | JS | 6/6/08 |
| SU#54 | 1 | Good condition | JS | 6/6/08 |
| SU#55 | 2 | Big joe, relief valve, ins. Flange, 1" sep. plug, sep. flanges, dump valve, piping by shack, run flanges (mid), run valve, 2" plug, senior valves | JS | 6/6/08 |
| SU#56 | 2 | Safety valve, ins. flange, relief valve, big joe, dump valve, senior fitting, sand probe | JS | 6/6/08 |
| SU#59 | 2 | Safety valve, ins. flange, relief valve, big joe, dump valve, senior bottle, 1/2" tap, run valve flanges | JS | 6/6/08 |

| Location | Cond. # | Description | Initials | Date |
|----------|---------|--|----------|--------|
| SU#60 | 2 | Dump valve, flanges, run valve, relief valve | JS | 6/6/08 |
| SU#63 | 2 | 2" tap T, big joe, relief valve, dump valve, K/O sep. | JS | 6/6/08 |
| SU#69 | 2 | Senior fitting, 2" plug, run valve, flange, sep. flanges, big joe, relief, rupture disc, S/G, dump leg, controller & valve, safety valve | JS | 6/6/08 |
| SU#70 | 2 | Safety valve, sep. flange, rupture disc, relief valve, big joe, 2" sep. plugs, S/G, dump valve, flanges, test button, run valve | JS | 6/6/08 |
| SU#71 | 2 | tubbing hammer union | BP | 6/6/08 |
| SU#72 | 2 | Tree gauge piping, safety valve flange, sep. relief valves, dump, 2" run relief, senior orifice | JS | 6/9/08 |
| SU#73 | 2 | 2" blow down valve, run valve, 3/4" plug, senior fitting, relief valve, rupture disc, sep. legs, safety valve, 2" sep. plugs | JS | 6/9/08 |
| SU#74 | 2 | Senior orifice, 2" relief valve, run valve, sep. flange, dump controller & dump valve sep. flanges, S/G | JS | 6/9/08 |
| SU#75 | 2 | Senior orifice, 2" relief valve, sep. flange, dump valve & controller, S/G, safety valve, relief valve, big joe | JS | 6/9/08 |
| SU#76 | 2 | Safety valve, sand probe, ins. flange, big joe, regs., relief, sep. flange, rupture disc, S/G flange bolts, senior fitting, run valve, 2" vent | JS | 6/6/08 |
| SU#77 | 2 | Run valve, 2" blow down valve, 1/4" button, senior fitting, flange bolts, 2" sep., dump valve, relief, rupture disc, safety valve, S/G, | JS | 6/6/08 |
| SU#78 | 2 | All fittings on separator, dump controller, rupture disk, relief valve, senior fitting, 2 in blow down | JS | 6/6/08 |
| SU#79 | 2 | Safety valve, relief valve fittings, rupture disc, S/G, drip leg fitting | JS | 6/6/08 |
| SU# 84 | 2 | All flanges, 2" tubing crossover, all fittings on separator, goose neck | JS | 6/6/08 |
| SU# 88 | 2 | All flanges, fittings on separator | JS | 6/6/08 |
| SU#89 | 2 | Safety valve, all flanges, goose neck, all fittings on separator | JS | 6/6/08 |
| SU# 90 | 2 | All flanges, all piping, piping on relief valve | JS | 6/6/08 |
| SU# 91 | 2 | All flanges | JS | 6/9/08 |

Field Riser Locations

| Location | Cond. # | Description | Initials | Date |
|------------------|---------|--|----------|--------|
| A 15 A | 1 | Peeling paint, no rust | JS | 6/6/08 |
| B Rural Tap | 1 | Good condition | JS | 6/6/08 |
| C In Station | 2 | 1 1/2" blow down valve piping, piping near ground, rust under tape wrap | JS | 6/6/08 |
| D In Station | 2 | Spots of peeling or chipped paint with rust on east end of slug catcher | JS | 6/6/08 |
| E W. of SU#27 | 2 | 2" & 3" blow down valve, 10" flange | JS | 6/6/08 |
| F SE of SU 13 | 1 | Peeling paint, no rust | JS | 6/6/08 |
| G S. of SU#53 | 3 | Tape wrap has broken down, rust, scale, and pitting. Pit depth of .06 Pipe was cleaned and rewrapped on 6-12-08 | JS | 6/6/08 |
| H E. of SU#31 | 1 | Good condition | JS | 6/9/08 |
| I E. of SU#56 | 3 | Tape wrap has broken down, rust, scale, and pitting. Pit depth of .03 Pipe was cleaned and rewrapped on 6-12-08 | JS | 6/6/08 |

**2008 Jackson Prairie Atmospheric Corrosion Survey
Z-2 Water Wells**

1= No Corrosion 2=Minor Corrosion 3=Major Corrosion

| Location | Cond. # | Description | Intials | Date |
|----------|---------|--|---------|----------|
| SU#40 | 2 | All drain-dump valve piping, well head, relief valve piping | JS | 6/9/2008 |
| SU#41 | 1 | freshly painted | JS | 6/9/2008 |
| SU#58 | 2 | wellhead, sightglass on separator, dumpvalve, releif valve | JS | 6/9/2008 |
| SU#61 | 2 | 2" piping, dump valve, relief valve piping | JS | 6/9/2008 |
| SU#64 | 2 | Wellhead flanges, 2" piping, relief valve piping, piping for gas meter | JS | 6/9/2008 |
| SU#67 | 2 | Releif valve, check valve | JS | 6/9/2008 |

2008 Jackson Prairie Atmospheric Corrosion Survey Compressor Station

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| Location | Cond. # | DESCRIPTION | INITIALS | DATE |
|-------------|---------|--|----------|-----------|
| Section # 1 | 2 | Suction Pipe, and vortex separator Flanges & Bolts for C-8 | JS | 6/11/2008 |
| | 2 | Piping in and out of C-8 cooler | JS | 6/11/2008 |
| | 2 | FCV-50408 Flange and Bolts | JS | 6/11/2008 |
| | 2 | Relief valve and piping for C-8 vortex separator | JS | 6/11/2008 |
| Section # 2 | 2 | C-8 Main Relief Flange & Bolts | JS | 6/11/2008 |
| | 2 | Fuel System Relief Flanges & Bolts | JS | 6/11/2008 |
| Section # 3 | 2 | Flanges for blow down valves on each main line | JS | 6/11/2008 |
| | 2 | XV-50401 Valve surface and Flange Bolts | JS | 6/11/2008 |
| | 2 | Bolts and flanges on valves 50402, 50410 and 50409 | JS | 6/11/2008 |
| | 2 | Station Vent Valve Piping Flanges and Bolts | JS | 6/11/2008 |
| Section # 4 | 2 | C-6, C-7 gas cooler flanges, valve flanges and flange bolts | JS | 6/11/2008 |
| | 2 | suction and discharge piping | JS | 6/11/2008 |
| | 2 | blind flange and pipe in vault | JS | 6/11/2008 |
| | 2 | valve for inlet on coalaesser #1 | JS | 6/11/2008 |
| Section # 5 | 2 | Teg vortex separator sight glass and piping for sight glass | JS | 6/11/2008 |
| | 2 | 1", 2", and 4" piping for fuel gas connected to fuel regulators | JS | 6/11/2008 |
| | 2 | Z-9 Discharge by-pass valve | JS | 6/11/2008 |
| | 2 | 16" suction and discharge piping, rust spots | JS | 6/11/2008 |
| | 2 | 1" and 1/2" valves and plugs in 16" suction and discharge piping | JS | 6/11/2008 |
| | 2 | C-5 bypass valve | JS | 6/11/2008 |
| Section # 6 | 2 | Check valves on towers 1-4 | JS | 6/11/2008 |
| | 2 | Z-9 8" between 51203 and Orifice | JS | 6/11/2008 |
| | 2 | Z-2 14" line by Z-9 Cooler has bare weld next to flange | JS | 6/11/2008 |
| | 2 | piping for dump valve and dump valves for towers 1-4 | JS | 6/11/2008 |
| Section # 7 | 2 | Piping in vault | JS | 6/11/2008 |
| | 2 | Towers 5,6,7 | JS | 6/11/2008 |
| | 2 | Flanges on towers 5-9 | JS | 6/11/2008 |
| | 2 | Dump valves on towers 5-9 | JS | 6/11/2008 |
| | 2 | Sight glass on towers 5-12 | JS | 6/11/2008 |
| | 2 | relief valves on towers 5-10 | JS | 6/11/2008 |
| Section # 8 | 2 | Blow down valve and flanges on 8" 16" 24" | JS | 6/11/2008 |
| | 2 | Slug catcher 24" pipe, paint chips and rust spots on east end | JS | 6/11/2008 |
| | | | JS | 6/11/2008 |

2008 Jackson Prairie Atmospheric Corrosion Survey Remedial Action Report

| Location | Description | Date |
|---|---|-----------|
| G S. of SU#53 east of valve | Corrosion was found under tape wrap that was above ground level. Visually the tape wrap was in fair condition, only a small area was cracked with rust streaks below. After removing the tape wrap minor to major corrosion, with scale buildup and pitting was found. A maximum pit depth of .06 was found in the area under the tape wrap and above ground level. The pipe was inspected and the tape wrap removed 12" below ground level. The pipe was cleaned and rewrapped with polyken pipe wrap. | 6/12/2006 |
| I E. of SU#56 E. & W. of valve | Corrosion was found under tape wrap that was above ground level. Visually the tape wrap was in fair condition, only a small area was cracked with rust streaks below. After removing the tape wrap minor to major corrosion, with scale buildup and pitting was found. A maximum pit depth of .03 was found in the area under the tape wrap and above ground level. The pipe was inspected and the tape wrap removed 12" below ground level. The pipe was cleaned and rewrapped with polyken pipe wrap. | 6/12/2008 |
| J E. of SU#29 N. & S. of | Corrosion was found under tape wrap that was above ground level. Visually the tape wrap was in fair condition, only a small area was cracked with rust streaks below. After removing the tape wrap minor to major corrosion, with scale buildup and pitting was found. A maximum pit depth of .05 was found in the area under the tape wrap and above ground level. The pipe was inspected and the tape wrap removed 12" | 6/23/2008 |