



## Weekly Construction Progress Report

**Case #:** PU-10-666  
**Project:** Stateline 1 & 2  
**Week Ending:** December 4, 2011

Title	Name	Company	Office Phone	Cell Phone
Site Manager	Tony Buckner	Linde Process	701-875-5040	281-593-9993
Proj. Engineer	Marlon Ward	Linde Process	701-875-5043	---
Site Manager	Al Cuykendall	Bear Paw	406-433-3664	406-489-2730
Proj. Engineer	Russ Clark	Bear Paw	918-561-8053	303-345-4310

### Brief Description of Week's Activities

#### Stateline 1:

Westcon continued to work on preparing work packages for underground piping.  
 Poured concrete for light poles, refrigerant propane makeup pump, residue compressor sleepers, and office building.  
 Bushed concrete for pressure vessels and compressors.  
 Set refrigerant propane compressor, NGL storage tank, turbo-expander skid, and the stabilizer filter skid.  
 Installing underground duct bank from switchgear to the PDC building.  
 Installing grounding grids throughout the project.  
 Assemble and install brazed heat exchanger structure.  
 Install underground pipe in the natural gasoline (condensate) loading area.  
 Received and installed piping in the main process and aboveground storage tank areas.  
 Continued pipe fabrication and installation including module piping "pup" pieces between modules.  
 Received stack for the plant flare  
 Assembled and installed platforms and ladders for the hot oil heater.  
 Installed handrails and platforms for the refrigerant propane condenser.

#### Stateline 2:

Started civil work on the flare, aboveground storage tanks, and main process area piers and foundations.  
 Poured concrete for light poles, NGL storage tanks, hot oil pump module, refrigerant propane condenser, inlet gas filter separator, emergency generator and regeneration gas heater.  
 Bushed concrete and set the mole sieve dehydration beds.  
 Set the turbo-expander air cooler.  
 Assembled the structural steel for the second and third stage residue gas coolers and the main process area.  
 Installed underground piping to the condensate loading area.  
 Continued pipe fabrication and installation including module piping "pup" pieces between



**ONEOK**  
ROCKIES MIDSTREAM

A SUBSIDIARY OF ONEOK PARTNERS

modules.

Received the refrigerant economizer and the slop water vessel. Received regeneration gas heater.

Continued to receive Westcon and Linde material.

#### Significant Work Activity for Next Week

##### **Stateline 1:**

Survey verification of elevations and survey locations for underground piping and duct banks. Pour concrete for refrigerant propane makeup pump, residue compression sleepers, light poles and office building.

Set the propane refrigerant compressor lube oil coolers, refrigerant economizer, refrigerant disengagement vessels, hot oil pump module, stabilizer overhead gas scrubber, flash gas scrubber, stabilizer reboiler module, brazed heat exchangers, NGL product storage tank, NGL product pipeline pumps, process flare and flare liquid knock out drum pumps.

Set the lube oil pump and complete the associated lube oil piping.

Assemble and install pipe in the main process area, aboveground storage tanks and the process flare.

Install underground piping to the condensate loading area.

Continue installing underground duct bank from the switchgear to the PDC building and duct bank from the pipe rack to the condensate loading area.

Continue installation of the brazed heat exchanger steel support structure.

Install louvers at the refrigerant propane condenser.

Install structural steel for the NGL storage tank area.

Continued pipe fabrication and installation including module piping "pup" pieces between modules.

##### **Stateline 2:**

Survey verification of underground piping location, verify anchor bolts and foundation locations.

Perform civil work for piers and foundations in the main process area, the refrigerant compressor building, NGL storage and the process flare areas.

Pour concrete for residue compressor building, hot oil pumps, inlet gas filter separator, regeneration gas cooler, emergency generator, refrigerant surge vessel, regeneration gas heater, and light poles.

Install underground piping to the condensate loading area.

Receive and set feed gas slug catcher, stabilizer feed separator, stabilizer column and process flare base.

Continue assembly and installation of the main pipe rack and structural steel in the main process area.

Continued pipe fabrication and installation including module piping "pup" pieces between modules.

Continue to receive Westcon and Linde material



**ONEOK**  
ROCKIES MIDSTREAM  
A SUBSIDIARY OF ONEOK PARTNERS

Stateline 1 Completion Percentiles			
Description	% Complete	Description	% Complete
Site preparation	92 %	Final Site Cleanup	0 %
Plant Foundations	92 %	Buildings	42 %
Equipment	0 %	Plant Electrical Power	0 %
Mechanical	21 %	Instrumentation	0 %

Stateline 2 Completion Percentiles			
Description	% Complete	Description	% Complete
Site preparation	92 %	Final Site Cleanup	0 %
Plant Foundations	70.0 %	Buildings	0 %
Equipment	0 %	Plant Electrical Power	0 %
Mechanical	10 %	Instrumentation	0 %

Project Site Safety
None

Comments
None

Signatory	Date
Russ Clark	12/06/11