



Company	HESS Corporation
Project	Tioga Gas Plant Expansion
Location	Tioga, ND

Issue	
Revision	0
Author	BSW
Approval	
ND PSC Case	PU-10-120

Estimated Completion Date 11/1/13

Completion (pct) 82

WEATHER-8AM	Sunny	Saturday, May 11, 2013				WEATHER-4PM	Sunny
TEMPERATURE (F)-8AM	40					TEMPERATURE (F)-4PM	55

Equipment Onsite	Quantity	Hour	Company Onsite	Company		Indirect		Direct	
				Quantity	Hour	Quantity	Hour	Quantity	Hour
F-150 Pickup	19	760	HESS	5	274				
F-250 Pickup	17	680	Mustang Engineering			1	72		
Ford Explorer	4	160	Harris Group			1	48		
Crew Vans	2	80	Alliance Tech			9	684		
Flatdeck Trailers	14	0	Proforma			1	84		
Yard Dog Transport Truc	2	72	Blaine Services			2	176		
Cat 140H	1	48	PMT			10	768		
ltd John Deere 135D	1	0	W- Industries			1	84		
CAT 303C Mini Ex	1	15	Versa Tech			6	468		
RT820 WALK BEHIND	1	0	DLR Engineering			4	258		
Liebherr LR1200SX	1	77	Dakota Staffing			1	72		
RT875E - 75 Ton	1	0	Phoenix			1	72		
12000 120 TON CRANE	1	20	Braun					3	180
999	1	39	Bartlett West					1	20
ETM 148294	1	39	Intertek						
ETM 148295	1	48	Upland Services					6	360
LIEBHERR LR 1600/2	1	123	Miller Insulation					33	1,880
Liebherr LR1200SX	1	83	Westcon					66	2,900
Grove RT 700E 60T	1	1	MMR					151	9,140
Kobelco CK-2500 II Crav	1	34	Kiewit					462	25,800
Broderson IC-200 3F	1	39	JD Steel					4	180
Terex RT 230XL	1	10	Furmanite					2	120
111661 RT 880E	1	68	Empire					173	11,320
Hertz/Terex RT-230XL	1	39	Scott / Egan						
185 Compressor	7	96	Richard Construction Group					57	3,470
Welding Machines	13	234	Appluss					5	350
Portable Light Plant	27	1,526	Hughes Concrete						
Generators	6	424	Badger					2	20
Water Pumps	2	0	DFI						
Maintenance Trailers	2	0	Powell						
Cat Skidsteer	3	166	KLJ Survey						
Cat 950 Loader	1	51	CB&I					3	180
Man Lifts	12	171							
Scissorlifts	3	166							
36000 Lb Forklift	3	110							
12k Extendable Forklift	6	226							
Utility Carts	5	371							
Air Heater	10	1							
Mechanics Trucks	1	40							
Fuel / Lube Trucks	2	80							
5000 lbs fork lift	1	60							
13,000 lbs fork lift	1	60							
60 ft manlift	4	240							
45 ft manlift	4	240							
sizzor lift	8	480							
Welding Machines	3	180							
8000 lbs fork lift	1	60							
4X4 Utility Vehicles	3	180							
80 Ft Manlift	2	120							
40 Ft Manlift	2	120							
Rig Welders	2	120							
Forklift - CAT 016	1	52							
TEREX Crane 5535	1	22							
Skid Steer	1	0							
Manlift 450AJ	1	5							
Broderson R270	1	5							
Forklift- CAT 10	1	15							
Manlift 800AJ	1	1							
Crane 55 T 555-1	1	19							
Weekly Total	8,076		Weekly Total	5	274	37	2,786	968	55,920
Project Total	433,061		Project Total		174,377		124,580		1,465,464

Construction	Start	Percent	Construction	Start	Percent
ISBL Prio Civil Erthwrk	2011 Aug 11	97			
ISBL Pile	2011 Aug 21	100			
ISBL Fnd	2011 Oct 21	95			
ISBL Struc	2012 Feb 20	91			
ISLB Bldg	2012 Mar 12	60			
OSBL Earthwork	2011 Aug 18	99			
OSBL Pile	2011 Sep 21	100			

OSBL Fnd	2011 Oct 29	100							
OSBL Struc	2012 Sep 21	99							
OSBL Bldg	2013 Mar 16	20							
ISBL Substation	2012 Apr 12	99							
OSBL Sphere	2012 Apr 16	94							
Warehouse Exp	2012 Feb 13	99							
Willbros	2013 Jan 01	100							

**LAST WEEK**

Kiewit - Structures poured 60 CY for the week. Structures crews at MB-5902 worked on stripping forms from the walls and formed up on the wall for the final main pour. Concrete finishers worked on dry finishing the walls and cut required joints. Also worked on PR-23 pedestals and valve station supports and poured the area 21 valve station. MB-5075 slab is being constructed and rebar tied.

Building crews worked at MB-5240 on installing canopy trip, east gable trim and north gutter. At MB-5075 started installing exterior wall panels and insulation. At MB-5330 crews installed primary and secondary steel and worked on all-thread X-bracing in roof brace bay, girts, and purlins.

Grading crews worked finished the pipe extension and embankment at the south pond near MB-5902, also removed posts on the south end of MB-5902 and dressed up access in that area. Began excavation for under drain at MB-5075 and installed the sand bedding. Crews also worked on backfilling slope at pond in the OSBL and backfilled behind MB-5722.

Structural Steel crews placed 46 tons of steel this week. Shook out and hauled steel; drill holes and welded for additional steel, fab handrail for recip platform in MB-5498, drill holes in concrete for Area 42 MES, and erected MB-5240 valve access platform. Crew members erected steel for MB-5902, worked on E-5474/79 structure punch list, erected misc steel for PR-32 and PR-42, and erected additional steel for PR-22 Sections 4, 5 & 8.

Pipe crews continued racking, fitting and welding in pipe racks 02, 12, 12A, 21A, 22, 22A, 22B, 31A, and 42 and areas 21, 22, 23, 31, 41, and 42. Installed valves and supports in various pipe racks and areas; worked on repairs in PR-12 and 12A. Crews also continued reworking the compressor piping in area 41.

Equipment crews lift and set IB-6600 onto location, worked on welding the pile caps to elevation for stair tower 1 connecting to skid 5301, continued removing temporary steel from skid 5502, and continued punch list items on skids 5301, 5302, 5303, 5506, 5509 and 5507. Millwrights worked on area 41 pipe stress for C-5481, site wide care and preservation, shot elevations for IB-6600, leveled and roughed in the turbo expander skid, prepped for grout on exchangers 5223/24. Torque crews worked on skid 5111.

MMR - Continue cable tray installations, grounding, cable pulling and terminating, calibrations and installing instrument strands. Pull cable in building 6208.

Westcon - Work on - WP 21, 23, 13, 55, 10, 71, 117, 108, 119, 76, 69, 120, 104 and c/o 023

**THIS WEEK**

Kiewit - Structures crews plan to continue working on MB-5902 and MB-5075. Grading crews will keep backfilling areas around TRN wall in ISBL and backfilling around MB-5075 as well as support the site with access routes and clearing roadways. Equipment crews will continue to work torquing and ship loose installation on skidded equipment as well as performing alignments on equipment and pumps. Piping crews will continue racking, fitting and welding pipe in nearly every area. Will also continue installation of supports (both half engineered and non-engineered supports). Reworking of the Neuman and Esser compressor piping along with pipe stress. Hydro crews will continue testing packages for level bridges particularly in Area 41. Structural steel crews will continue hanging miscellaneous iron and erecting piperacks and MES/MPS steel.

MMR - Continue cable tray installations, continue cable pulling / terminating, calibrations, intall instrument stands, continue lighting and grounding installations.

Westcon - Work on - WP 14, 54, 67 c/o 57, 45, 27, 55, 31, 21 c/o 23

**SAFETY**

Activities for this week included:  
Continued SIMOP's meeting at 0700 every morning.  
ISBL: (Two Shifts: Day and Night Shift).  
Kiewit: Continue working to complete building construction, activities including civil work (pile caps, grade beams, and foundations), building and Pipe Rack erections. Pipe work continues in pipe racks throughout the site. Welding is also being performed in fab areas located West and North of flare.  
JD Steel: Continue with rebar foundation fabrication.  
Empire: Continue with building and disassembly of scaffolds throughout site.  
Miller: Insulating pipe on multiple skids inside ISBL areas.  
MMR: Continue work in EB 6107, 6208, 5240 and various skids, also installing cable trays throughout the various pipe racks.  
RCI: Continue pipe efforts inside the compressor building, and in EB-5722.  
OSBL:  
Kiewit: Racking / Fitting/ Welding pipe into PR# 12, 12A, 22, 56, 55 and 55A.  
Westcon: Sleeper piles and piles for PR 56A, installation of new cooler and various other Brownfield and Pre-Turnaround packages.  
RCI: Continue Brownfield efforts.  
CBI: Started painting activities on the Propane and Butane spheres.

**VISITOR**

**B Scott Wright**  
Construction Manager, TGP Expansion Project