



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) 73

WEATHER-8AM	Cloudy	Saturday, March 09, 2013		WEATHER-4PM	Windy
TEMPERATURE (F)-8AM	17			TEMPERATURE (F)-4PM	20

Equipment Onsite	Quantity	Hour	Company Onsite	Company		Indirect		Direct	
				Quantity	Hour	Quantity	Hour	Quantity	Hour
F-150 Pickup	19	760	HESS	3	206				
F-250 Pickup	17	680	Mustang Engineering			2	104		
Ford Explorer	4	160	Harris Group			1	56		
Crew Vans	1	40	Alliance Tech			5	352		
Enclosed Utility Trailer	3	0	Proforma			1	98		
Fuel Trailers	1	0	Blaine Services			2	182		
Spool Truck	1	1	PMT			6	546		
Flatdeck Trailers	14	0	W- Industries			1	72		
Transport Trucks	3	290	Versa Tech			4	264		
Cat 140 Blade	1	46	DLR Engineering			2	38		
Mini Excavator	1	21	Dakota Staffing			1	48		
Cat 314 Excavator	1	35	Braun					2	80
CS-563E	1	12	Upland Services					8	240
CS-323C Smooth Drum	1	0	Miller Insulation					22	680
RT82 Walk Behind	2	0	Westcon					22	890
RT 875 Crane	1	21	MMR					92	5,420
12000 Crane	1	57	Kiewit					303	15,336
999 Crane	1	10	JD Steel					4	176
Liebherr LR1200	2	125	Doormen					2	8
Liebherr 1600	1	56	Empire					105	5,934
Grove RT700E	1	34	Scott / Egan						
Tadano-GR-750XL 2	2	89	Richard Construction Group					3	60
TeRex RT 230XL	1	34	Appluss					4	180
Mantis 1410	1	16	Hughes Concrete					1	40
Broderson	2	5	Badger					4	100
Kobelco CK 2500	1	52	DFI						
185 Compressor	4	152	Powell					1	40
IR 425 Compressor	1	0							
Sullair 350 Compressor	1	0	Visitors					4	92
Welding Machines	14	323							
Portable Light Plant	17	617							
Generators	12	982							
Water Pumps	2	0							
Maintenance Trailers	2	0							
Cat Skidsteer	4	143							
Caterpillar 314 D LCR	1	35							
Cat 950 Loader	1	133							
Man Lifts	20	320							
Scissorlifts	5	0							
36000 Lb Forklift	2	127							
12k Extendable Forklift	8	319							
Kawasaki - Mule	1	5							
Kubota RTV 1100	7	170							
Air Heater	12	465							
Mechanics Trucks	2	41							
Fuel / Lube Trucks	2	108							
Thawzall (221163)	4	101							
5000 lbs fork lift	1	60							
13,000 lbs fork lift	1	60							
60 ft manlift	4	240							
45 ft manlift	1	60							
sizzor lift	4	240							
single manlift	2	120							
skid steer	1	60							
8000 lbs fork lift	1	60							
RT forklift	1	28							
TEREX Crane	1	3							
Skid steer	1	26							
Manlift	1	14							
Back Hoe	1	14							
Weekly Total		7,570	Weekly Total						

Project Total			352,997	Project Total			171,887	102,507	1,049,516
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	92							
ISBL Struc	2012 Feb 20	88							
ISLB Bldg	2012 Mar 12	45							
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	-	0							
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									
<p>Kiewit - Structure crews plan on finishing MB-5075 grade beam formwork and pour on the east wall, pour the TRN slab, finish sack rub and bush on area 32 MPS and PR 31A, erect the rest of area 32 MPS and start on formwork for area 31 MPS and MES.</p> <p>Grading crew will assist structures with excavating and backfilling area 32 MPS, PR 31A, and area 31 MPS and MES, as well as the excavation for building 5902.</p> <p>Steel crews will set additional steel in PR 22, 22A, 23A, and 21A, erect recip platforms.</p> <p>Pipe crews will Gen/Set in 6208 buildings, installing scrubbers, Rack pipe in PR12A/PR56, fit and weld in PR12/12A/56, fly pipe into PR22, fit and weld in PR22, fit in PR42, instal valves in Area 42, fab PR22 bridge pipe, fit and weld PR31, compressor building pipe, weld in Area 21, weld in PR21A, fit and weld in PR21, fit and welded in PR02, stage and rack pipe.</p> <p>MMR- Recieved Misc. Reels of Cable, Cable Tray and Cable Tray Support Material</p> <p>Westcon: Badger and Earthmovers onsite hydro excavating around piles for installation of pile caps.</p>									
THIS WEEK									
<p>Kiewit - Structure crews plan on Starting and finishing MB-5075 grade beam formwork and pour on the east wall, Plan on stripping the TRN and bringing in the forms to start setting walls once they get done patching it, Finished with the MPS in Area 32, erect the forms on IB-6600, form up to pour the BL-41-001.</p> <p>Grading crew will assist structures with excavating and backfilling area 32 MPS, PR 31A, and area 31 MPS and MES, as well as the excavation for building 5902, they will also finish backfilling on MB 5075.</p> <p>Steel crews will set additional steel in PR 22, 22A, 23A, and 21A, erect recip platforms.</p> <p>Pipe crews will continue to Gen/Set in 6208 buildings, Rack pipe in PR12A/PR56, fit and weld in PR12/12A/56, fly pipe into PR22, fit and weld in PR22, fit in PR42, instal valves in Area 42, fab PR22 bridge pipe, fit and weld PR31, compressor building pipe, weld in Area 21, weld in PR21A, fit and weld in PR21, fit and welded in PR02, stage and rack pipe.</p> <p>MMR- Recieved Cable Tray and Supports, Reels of Cable.</p> <p>Westcon: Badger and Earthmovers onsite hydro excavating around piles for installation of pile caps.</p>									
SAFETY									
<p>Activities for this week included:</p> <p>Continued SIMOP's meeting at 0630 every morning.</p> <p>ISBL: (Two Shifts: Day and Night Shift).</p> <p>Kiewit: Continue to have issues with dropped objects. Objects include a beamer and a bull pin. The bull pin is still under investigation as to why the shrink wrap failed. Action items are in process of being developed and distributed. Two Property Damage incidents were reported ny Kiewit. A forklift moving materials was being manmovered in a tight area, the driver did not follow the spotters "Stop" signal and backed into a platform ladder cage. Secondly a JLG operator was watching his spotters and failed to notice that the basket he was riding in was contacting the ladder of a scaffold. Action items pending.</p> <p>Upland Services: Continue erection of canopy for Pipe Rack 22. No incidents to report.</p> <p>JD Steel: Continue with rebar foundation fabrication. No incidents to report.</p> <p>Empire: Continue with building and disassembly of scaffolds throughout site. No incidents to report.</p> <p>Miller: Insulating pipe on multiple skids inside ISBL areas. No incidents to report.</p> <p>MMR: Continue work in EB 6107 and 6208, also installing cable trays throughout the various pipe racks. Forklift incident reported to HESS, forklift was in process of moving man-lift when the man-lift came off the forks. It was not being move using manufactures lifting points.</p> <p>OSBL:</p> <p>Kiewit: Racking / Fitting/ Welding pipe into PR# 12 and 12A. Racking pipe in PR# 56, 55 and 55A. No incidents to report.</p> <p>Westcon: Badger and Earthmovers onsite hydro excavating around piles for installation of pile caps.</p>									
VISITOR									

B Scott Wright
Construction Manager, TGP Expansion Project



Company	HESS Corporation	Issue	
Project	Tioga Gas Plant Expansion	Revision	0
Location	Tioga, ND	Author	BSW
		Approval	
		ND PSC Case	PU-10-120

Estimated Completion Date	11/1/13	Completion (pct)	72
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WEATHER-8AM	Cloudy	Saturday, March 02, 2013	WEATHER-4PM	Cool
TEMPERATURE (F)-8AM	17		TEMPERATURE (F)-4PM	34

Equipment Onsite	Quantity	Hour	Company Onsite	Company		Indirect		Direct	
				Quantity	Hour	Quantity	Hour	Quantity	Hour
F-150 Pickup	19	760	HESS	5	230				
F-250 Pickup	17	680	Mustang Engineering			3	156		
Ford Explorer	4	160	Harris Group			1	54		
Crew Vans	1	40	Alliance Tech			3	226		
Enclosed Utility Trailer	3	0	Proforma			1	98		
Fuel Trailers	1	0	Blaine Services			2	182		
Spool Truck	1	1	PMT			6	432		
Flatdeck Trailers	14	0	W- Industries			1	12		
Transport Trucks	3	151	Versa Tech			4	288		
Cat 140 Blade	1	12	DLR Engineering			2	132		
Mini Excavator	1	9	Dakota Staffing			1	60		
Cat 314 Excavator	1	32	Braun					2	120
CS-563E	1	0	Upland Services					4	280
CS-323C Smooth Drum	1	0	Miller Insulation					15	880
RT82 Walk Behind	2	0	Westcon					20	830
RT 875 Crane	1	42	MMR					97	5,720
12000 Crane	1	91	Kiewit					285	17,140
999 Crane	1	21	JD Steel					4	230
Liebherr LR1200	2	78	Doomen					2	100
Liebherr 1600	1	40	Empire					97	5,990
Grove RT700E	1	114	Scott / Egan					5	150
Tadano-GR-750XL 2	2	91	Visitors					4	148
TeRex RT 230XL	1	8	Appluss					4	240
Mantis 1410	1	39	Hughes Concrete					1	40
Broderson	2	13	Badger					4	120
Kobelco CK 2500	1	71	DFI					2	20
185 Compressor	4	62	Powell					1	50
IR 425 Compressor	1	0							
Sullair 350 Compressor	1	0							
Welding Machines	14	155							
Portable Light Plant	17	533							
Generators	14	915							
Water Pumps	2	0							
Maintenance Trailers	2	0							
Cat Skidsteer	5	179							
Caterpillar 314 D LCR	1	0							
Cat 950 Loader	1	0							
Man Lifts	20	183							
Scissorlifts	5	0							
36000 Lb Forklift	2	58							
12k Extendable Forklift	8	220							
Kawasaki - Mule	1	10							
Kubota RTV 1100	7	139							
Air Heater	12	932							
Mechanics Trucks	2	56							
Fuel / Lube Trucks	2	93							
Thawzall (221163)	4	0							
5000 lbs fork lift	1	60							
13,000 lbs fork lift	1	60							
60 ft manlift	4	240							
45 ft manlift	1	60							
sizzor lift	4	240							
single manlift	2	120							
skid steer	1	60							
8000 lbs fork lift	1	60							
RT forklift	1	11							
TEREX Crane	1	0							
Skid steer	1	9							
Manlift	1	0							
Back Hoe	1	6							
Weekly Total		6,914	Weekly Total	5	230	24	1,640	547	32,058

Project Total			345,427	Project Total			171,681	100,747			1,020,240
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	91									
ISBL Struc	2012 Feb 20	86									
ISLB Bldg	2012 Mar 12	42									
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	-	0									
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 - Structure crews erected TRN formwork for slab and inserted all rebar, placed rebar and formwork in area 32 MPS and PR31A, poured area 32 MPS and PR31A pile caps.
 Grading crew assisted structures with excavating and backfilling area 32 MPS, PR 31A, and area 31 MPS and MES, as well as site clean up of snow and ice in roadways and walkways.
 Steel crews did shake out and haul, grind, weld and drill holes on PR 22, the crews also finished erecting and bolting up refig and recip platforms for MB 5498 and worked on grout forms for the recip platforms.
 Pipe crews fit and welded in PR 55/56/12, rack pipe in PR12/12A, fit and welded in PR 02, install pipe spools in PR 02, and staged pipe in various locations.
MMR - Received Misc. Reels of Cable, Cable Tray, Cable Tray Support Material
Westcon: Working on pump house pile foundations, excavating around the piles to install forms needs for pile caps.

THIS WEEK

Kiewit - Structure crews plan on finishing MB-5075 grade beam formwork and pour on the east wall, pour the TRN slab, finish sack rub and bush on area 32 MPS and PR 31A, erect the rest of area 32 MPS and start on formwork for area 31 MPS and MES.
 Grading crew will assist structures with excavating and backfilling area 32 MPS, PR 31A, and area 31 MPS and MES, as well as the excavation for building 5902.
 Steel crews will set additional steel in PR 22, 22A, 23A, and 21A, erect recip platforms.
 Pipe crews will Gen/Set in 6208 buildings, installing scrubbers, Rack pipe in PR12A/PR56, fit and weld in PR12/12A/56, fly pipe into PR22, fit and weld in PR22, fit in PR42, instal valves in Area 42, fab PR22 bridge pipe, fit and weld PR31, compressor building pipe, weld in Area 21, weld in PR21A, fit and weld in PR21, fit and welded in PR02, stage and rack pipe.
MMR - Received Cable Tray and Supports, reels of cable
Westcon: Badger and Earthmovers onsite hydro excavating around piles for installation of pile caps.

SAFETY

Activities for this week included:
 Continued SIMOP's meeting at 0630 every morning.
 ISBL: (Two Shifts: Day and Night Shift).
 Kiewit: Civil crews on site pouring foundations, pile caps and grade beams for multiple buildings. Grading crews continue with excavations around pile caps, make ready for civil crews. Pipe crew continue to rack pipe into racks through out the sites, fabrication continues in Fab area. Building crews continue with the erection of 5240, 5722 5075. Night Shift: Continue to load trailers with pipe spools needed for the next days shift. Working inside compressor building hanging structural steel for meez deck.
 Upland Services: Start erection of canopy for Pipe Rack 22.
 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: Continuing work inside EB-6107. Work continue in EB 6208. Hanging cable tray through out the ISBL and OSBL area.
 OSBL:
 Kiewit: Racking / Fitting/ Welding pipe into PR# 12 and 12A. Racking pipe in PR# 56, 55 and 55A.
 Westcon: Badger and Earthmovers onsite hydro excavating around piles for installation of pile caps.

VISITOR

B Scott Wright
 Construction Manager, TGP Expansion Project



Company	HESS Corporation	Issue	
Project	Tioga Gas Plant Expansion	Revision	0
Location	Tioga, ND	Author	BSW
		Approval	
		ND PSC Case	PU-10-120

Estimated Completion Date	11/1/13	Completion (pct)	71
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WEATHER-8AM	Cloudy	Saturday, February 23, 2013	WEATHER-4PM	Cool
TEMPERATURE (F)-8AM	17		TEMPERATURE (F)-4PM	34

Equipment Onsite	Quantity	Hour	Company Onsite	Company		Indirect		Direct	
				Quantity	Hour	Quantity	Hour	Quantity	Hour
F-150 Pickup	19	760	HESS	4	204				
F-250 Pickup	17	680	Mustang Engineering			3	176		
Ford Explorer	4	160	Harris Group			1	68		
Crew Vans	1	40	Alliance Tech			3	228		
Enclosed Utility Trailer	3	0	Proforma			1	56		
Fuel Trailers	1	0	Blaine Services			2	184		
Flatdeck Trailers	14	0	PMT			6	310		
Transport Trucks	3	120	W- Industries			1	84		
Cat 140 Blade	1	94	Versa Tech			6	418		
Mini Excavator	1	19	Dakota Staffing			1	48		
Cat 314 Excavator	1	158	Braun					2	120
CS-563E	1	14	Upland Services					5	280
CS-323C Smooth Drum	1	0	Miller Insulation					17	800
RT82 Walk Behind	2	14	Westcon					23	1,090
RT 875 Crane	1	229	MMR					80	4,440
12000 Crane	1	329	Kiewit					300	14,730
999 Crane	1	274	JD Steel					4	160
Liebherr LR1200	2	589	Doormen					3	110
Liebherr 1600	1	345	Empire					85	4,800
Grove RT700E	1	4	Scott / Egan					5	240
Tadano-GR-750XL 2	2	495	Visitors					4	48
TeRex RT 230XL	1	44	Appluss					4	120
Kobelco CK 2500	1	292	Hughes Concrete					1	30
185 Compressor	4	146	Badger					4	120
IR 425 Compressor	1	0	DFI					2	20
Sullair 350 Compressor	1	20	Powell					0	0
Welding Machines	9	350							
Portable Light Plant	18	3,539							
Generators	12	3,365							
Water Pumps	2	0							
Maintenance Trailers	2	0							
Cat Skidsteer	4	372							
Caterpillar 314 D LCR	1	0							
Cat 950 Loader	1	257							
Man Lifts	20	1,260							
Scissorlifts	5	157							
36000 Lb Forklift	2	346							
12k Extendable Forklift	8	877							
Kawasaki - Mule	1	16							
Kubota RTV 1100	7	472							
Air Heater	20	5,076							
Mechanics Trucks	2	64							
Fuel / Lube Trucks	2	470							
Thawzall (221163)	4	422							
RT forklift	1	23							
TEREX Crane	1	0							
Skid steer	1	13							
Manlift	1	0							
Back Hoe	1	26							
Weekly Total		21,931	Weekly Total	4	204	24	1,572	539	27,108
Project Total		338,513	Project Total		171,451		99,107		988,182

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	91			
ISBL Struc	2012 Feb 20	86			
ISLB Bldg	2012 Mar 12	40			
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	-	0							
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 crews will pour the skid pad for the ZZZ-5075, also they will set up the Grade beam and pour that in the sections that are set to pour in the 4 sequences.

Steel crew will refig platform, work on PR 22 misc. steel, MPS 41, and recip platform

Pipe crew will continue racking pipe in PR-22, PR-32, PR-22B, PR-02 and PR-12A.

MMR: Continuing work inside EB-6107. Work continue in EB 6208 with installation of bus-ducts termination of switch gears. Crews working in area 32 installing cable tray beneath the Fin Fan units. T&M crew continue work inside existing plant for plant cut-over.

Westcon: Working on pump house, getting foundations ready and cleaning out ID of piles.

THIS WEEK

Kiewit - Structures crews plan on finishing the E/S of the grade beam and pour the North and east wall of MB 5075. They are going to assist in tying of rebar with JD Steel to get the top and bottom mats tied on the TRN structure. They also plan on getting the MPS's done in Area 31.

Steel crews will be working on the refig platform, plan to shake out and haul, grind, weld and drill holes on PR 22, the crews also plan to finish erecting and bolting up refig and recip platforms for MB 5498 and work on grout forms for the recip platforms.

Pipe crews fit and weld in PR 55/56/12, rack pipe in PR12/12A, fit and weld in PR 02, install pipe spools in PR 02, and stage pipe in various locations.

MMR: Continuing work inside EB-6107. Work continue in EB 6208. Hanging cable tray thought out the ISBL and OSBL area.

OSBL:

Westcon: Working on pump house pile foundations, excavating around the piles to install forms needs for pile caps.

SAFETY

Activities for this week included:

Continued SIMOP's meeting at 0630 every morning.

ISBL: (Two Shifts: Day and Night Shift).

Kiewit: Civil crews continue with concrete work, Setting forms, anchor bolts and making pours. Grading crews continue with maintaining site roads. Back fill operations around completed foundations. Back fill operations also at new warehouse locations. Pipe crews continue with bring in and off loading of pipe from north lay down yard. Fly and rack pipe, fit and starting welding processes throughout the site. Crane and rigging continue with flying pipe into racks, setting skids into position on foundations. Night Shift: Continue to load trailers with pipe spools needed for the next days shift. Working inside compressor building hanging structural steel for meez deck.

Upland Services: Continue work on various buildings onsite, hanging supports needed in the Pipe Racks. Make ready construction for Pipe Rack Canopy.

JD Steel: Continue with rebar foundation fabrication.

Empire: Continue with building and disassembly of scaffolds throughout site.

Miller: Working in ISBL on skids

Scott Builders/Egan: Offsite until the 18th of February 2013

MMR: Continuing work inside EB-6107. Work continue in EB 6208. Hanging cable tray thought out the ISBL and OSBL area.

OSBL:

Kiewit: Racking / Fitting/ Welding pipe into PR# 12 and 12A. Racking pipe in PR# 56, 55 and 55A.

Westcon: Working on pump house pile foundations, excavating around the piles to install forms needs for pile caps.

VISITOR

B Scott Wright

Construction Manager, TGP Expansion Project