



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) 80

WEATHER-8AM	Sunny	Saturday, April 27, 2013				WEATHER-4PM	Sunny
TEMPERATURE (F)-8AM	40					TEMPERATURE (F)-4PM	66

Equipment Onsite	Quantity	Hour	Company Onsite	Company		Indirect		Direct	
				Quantity	Hour	Quantity	Hour	Quantity	Hour
F-150 Pickup	19	760	HESS	4	248				
F-250 Pickup	17	680	Mustang Engineering			3	228		
Ford Explorer	4	160	Harris Group			1	60		
Crew Vans	3	120	Alliance Tech			9	564		
Enclosed Utility Trailer	3	0	Proforma			1	56		
Fuel Trucks	1	0	Blaine Services			2	182		
Spool Truck	1	0	PMT			9	696		
Flatdeck Trailers	14	0	W- Industries						
Transport Trucks	3	265	Versa Tech			5	264		
Cat 140 Blade	1	38	DLR Engineering			3	192		
Mini Excavator	1	0	Dakota Staffing			1	60		
135D John Deer	1	20	Phoenix			2	168		
CS-563E	1	7	Braun					4	240
CS-323C Smooth Drum	1	0	Bartlett West					1	10
RT82 Walk Behind	1	9	Intertek					0	0
RT 875 Crane	1	54	Upland Services					5	250
12000 Crane	1	84	Miller Insulation					35	1,660
999 Crane	1	39	Westcon					54	3,210
Liebherr LR1200	2	75	MMR					153	8,240
Liebherr 1600	1	82	Kiewit					501	26,790
Grove RT700E	2	142	JD Steel					5	230
Tadano-GR-750XL 2	2	63	Furmanite					2	120
TeRex RT 230XL	1	31	Empire					154	9,410
Mantis 1410	0	0	Scott / Egan					0	0
Broderson	1	17	Richard Construction Group					35	1,960
Kobelco CK 2500	1	53	Appluss					3	210
185 Compressor	4	42	Hughes Concrete					1	30
IR 425 Compressor	1	0	Badger						
Sullair 350 Compressor	0	0	DFI						
Welding Machines	3	78	Powell						
Portable Light Plant	9	607	KLJ Survey						
Hertz Light Plant	14	460	Visitors						
Generators	8	802							
Water Pumps	2	0							
Maintenance Trailers	2	0							
Cat Skidsteer	3	66							
Caterpillar 314 D LCR	1	0							
Cat 950 Loader	1	107							
Man Lifts	6	185							
Scissorlifts	0	0							
36000 Lb Forklift	2	53							
12k Extendable Forklift	8	491							
Kawasaki - Mule	0	0							
Kubota RTV 1100	7	61							
Air Heater	11	994							
Mechanics Trucks	1	40							
Fuel / Lube Trucks	2	173							
Thawzall (221163)	4	13							
Forklift - CAT 016	1	58							
TEREX Crane 5535	1	47							
Skid Steer	1	54							
Manlift 450AJ	1	26							
Back Hoe	1	49							
Forklift- CAT 10	1	42							
Manlift 800AJ	1	26							
Broderson 15 T	1	4							
Crane 55 T 555-1	1	13							
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	9	540							
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							

Weekly Total	9,110	Weekly Total	4	248	36	2,470	953	52,360
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 Tioga Gas Plant Expansion project progress report -
 weeks ending 4-20 and 4-27-2013

Hess Corporation

Project Total		416,355	Project Total		173,843	119,229		1,355,524
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	93						
ISBL Struc	2012 Feb 20	90						
ISLB Bldg	2012 Mar 12	58						
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	18						
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 finished rebar mat and worked on anchor bolt layout at MB-5902 for the main slab. Fabricated and installed anchor bolt hangers. Built signs for north access ways. Structures crews working at MB-5902 finished curb forms and poured, continued to bush foundation sections, stripped forms from retaining wall, tied all horizontal rebar on the walls and remaining pedestals, started drilling for structural steel. Crews also poured at MB-5330. Grading crews worked on overall site access and site dewatering. Also started backfilling the TRN wall but access limited the ability to complete. Building crews at MB-5240 continued installation of interior line sheets and installation of exterior roof sheets. Crews also continued work on panel trim and began installation of gutters and downspouts. At MB-5075 crews worked on shaking out exterior wall panels and laying out/predrilling panels; also started installation of exterior wall panels at south elevation. Steel crews shook out and hauled steel; drill holes and welded for additional steel, erected steel for MB-5498 west wall steel, recip platform MES/MPS, and lower level refrigerated steel, bolted up and impacted PR-22 Sections 4 & 5 and worked on recip platform grating. Crew members added missing bolts to Area 41 valve access platform, erected misc. steel for PR-31A, PR-32, and PR-42 and erected additional steel for PR-22 Sections 4 & 5. Hydro crews tested sight glasses for multiple packages and torqued 65 connections. Pipe crews maintained focus in PR-22, Area 41, PR-02, PR-31, PR-32, PR-22A, Area 22, Area 21, PR-21A, PR-21, PR-12A, and PR-56. Mechanical crews worked on punch list items for skids 5502, 5007 and 5305, handrail grating for stair towers 2 and 3 for structural, small bore pipe supports on skid 5507, airlines on skids 5506, 5009, 5502 and 5014. Millwrights worked on C-5208/09 installing expansion joints under skids and leveled bases; stripped forms and did finish work on edge surfaces for E-5026/5072/5054; cleaned machine surfaces on the American Warrior skids 5073; continued care and preservation throughout the site.

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

MMR - Continue Cable Tray Installations, cable pulling/terminating, calibrations, grounding and installing instrument stands.

THIS WEEK

Kiewit - Structures crews plan to continue working on MB-5902 as well as various locations within the ISBL limits. Grading crews will keep backfilling areas around TRN wall in ISBL as well as support the site with access routes and clearing roadways. Will also continue pumping water and working positive site drainage. 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). Hydro crews will continue testing level gauges, bridles, and site glasses. Structural steel crews will continue hanging miscellaneous iron and erecting piperacks and MES/MPS steel.

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

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

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) and building erections. Pipe work continues in pipe racks throughout the site. The 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 and 6208, 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 and 12A. Racking pipe in PR# 22,56, 55 and 55A.
Westcon: Sleeper piles and piles for PR 56A and installation of new cooler.
RCI: Continue brownfield efforts.

VISITOR

B Scott Wright
Construction Manager, TGP Expansion Project



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) 79

WEATHER-8AM	Lt Snow	Saturday, April 20, 2013				WEATHER-4PM	Cloudy
TEMPERATURE (F)-8AM	25					TEMPERATURE (F)-4PM	28

Equipment Onsite	Quantity	Hour	Company Onsite	Company		Indirect		Direct	
				Quantity	Hour	Quantity	Hour	Quantity	Hour
F-150 Pickup	19	760	HESS	5	286				
F-250 Pickup	17	680	Mustang Engineering			3	126		
Ford Explorer	4	160	Harris Group			1	66		
Crew Vans	3	120	Alliance Tech			9	564		
Enclosed Utility Trailer	3	0	Proforma			1	84		
Fuel Trucks	1	0	Blaine Services			2	156		
Spool Truck	1	0	PMT			9	612		
Flatdeck Trailers	14	0	W- Industries			1	72		
Transport Trucks	3	265	Versa Tech			5	300		
Cat 140 Blade	1	16	DLR Engineering			3	174		
Mini Excavator	1	39	Dakota Staffing			1	60		
135D John Deer	1	47	Phoenix			2	144		
CS-563E	1	17	Braun					3	140
CS-323C Smooth Drum	1	0	Bartlett West					1	10
RT82 Walk Behind	1	5	Intertek					0	0
RT 875 Crane	1	56	Upland Services					5	300
12000 Crane	1	109	Miller Insulation					28	1,570
999 Crane	1	62	Westcon					52	2,560
Liebherr LR1200	2	82	MMR					142	7,950
Liebherr 1600	1	82	Kiewit					499	26,250
Grove RT700E	1	43	JD Steel					5	210
Tadano-GR-750XL 2	2	127	Furmanite					2	120
TeRex RT 230XL	1	55	Empire					158	8,580
Mantis 1410	0	14	Scott / Egan					0	0
Broderson	1	28	Richard Construction Group					31	1,700
Kobelco CK 2500	1	72	Appluss					3	180
185 Compressor	4	89	Hughes Concrete					1	10
IR 425 Compressor	1	0	Badger					0	0
Sullair 350 Compressor	0	0	DFI						
Welding Machines	12	259	Powell					0	0
Portable Light Plant	13	1,053	KLJ Survey					3	140
Hertz Light Plant	0	0							
Generators	12	869							
Water Pumps	2	0							
Maintenance Trailers	2	0							
Cat Skidsteer	4	331							
Caterpillar 314 D LCR	1	0							
Cat 950 Loader	1	96							
Man Lifts	20	431							
Scissorlifts	0	0							
36000 Lb Forklift	1	59							
12k Extendable Forklift	7	515							
Kawasaki - Mule	0	0							
Kubota RTV 1100	7	301							
Air Heater	13	1,249							
Mechanics Trucks	1	40							
Fuel / Lube Trucks	1	218							
Thawzall (221163)	1	106							
Forklift - CAT 016	1	51							
TEREX Crane 5535	1	28							
Skid Steer	1	24							
Manlift 450AJ	1	6							
Back Hoe	1	40							
Forklift- CAT	1	46							
Manlift 800AJ	1	12							
Broderson 15 T	1	10							
Crane 55 T 555-1	1	38							
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	9	540							
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							
Weekly Total		10,630	Weekly Total	5	286	37	2,358	933	49,720

Project Total		407,245	Project Total		173,595	116,759	1,303,164
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	93					
ISBL Struc	2012 Feb 20	89					
ISLB Bldg	2012 Mar 12	55					
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	12					
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 - Structures finished rebar mat and worked on anchor bolt layout at MB-5902 for the main slab. Fabricated and installed anchor bolt hangers. Built signs for north access ways.</p> <p>Grading crews worked on site/road cleanup and dewatering work areas. Installed new parking lot near the north offices (1850 tons). Backfilled E-5516.</p> <p>Steel erected steel for MB-5498 west wall steel, and lower level refig steel. Continued erecting PR-22 Sections 4, 5, 7, and 8, and worked on grating and MES/MPS for recip platform. Crew members erected PR-31A top bents, miscellaneous steel for PR-22A and PR-32.</p> <p>Hydro crews tested sight glasses for multiple packages and torqued 65 connections. Pipe crews maintained focus in PR-22, Area 41, PR-02, PR-31, PR-32, PR-22A, Area 22, Area 21, PR-21A, PR-21, PR-12A, and PR-56. ↳Spools Installed: 373; Diameter Inches: 812</p> <p>Worked on the ladder clips for D-5102. Welded toe plates and rattled bolts for 5301 / 2. Started ground erecting stair tower 1 that connects to 5007. Rattled bolts for miscellaneous steel on 5502. Completed punch list items and walk down for 5007, 5305, and 5104. Weld out the skid to pile caps on 5724. Drilled holes, for TRN steel 644 job. Formed and set up for grout in PR-22 section 8. Bolt up in 5223 / 4 coolers. Care and Preservation of site equipment, Worked on E-5014, 5026. Leveled and aligned pumps on Skids ZZZ-5305, 5502. Cut 4 piles to elevation in OSBL for pump foundations. Worked on ZZZ Skids in MB-5687 for grout. Anchored down instrument air lines on all skids. Torque crew began working punch list items.</p> <p>Westcon - Working on WP 7, 21, 8, 33, 117, 104, PR 56A grout and structural. Install air dryer.</p> <p>MMR- Continue Cable Tray Installations, Continue cable pulling/terminating, continue calibrations, grounding and light installatins</p>							
THIS WEEK							
<p>Kiewit - Structures crews plan to continue working on MB-5902 as well as various locations within the ISBL limits. Grading crews will keep backfilling areas around TRN wall in ISBL as well as support the site with access routes and clearing roadways. Will also continue pumping water and working positive site drainage.</p> <p>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 installatin supports (both half engineered and non-engineered supports). Structural steel crews will continue hanging miscellaneous iron and erecting piperacks and MES/MPS steel.</p> <p>Westcon - Working on WP 7, 13, 21, 8, 33, 32, 117, 104, PR 56A grout and structural. Install air compressor.</p> <p>MMR - Continue Cable Tray Installations, cable pulling/terminating, calibrations, grounding and installing instrument stands.</p>							
SAFETY							
<p>Activities for this week included:</p> <p>Continued SIMOP's meeting at 0700 every morning.</p> <p>ISBL: (Two Shifts: Day and Night Shift).</p> <p>Kiewit: Continue working to complete building construction, activities includign civil work (pile caps, grade beams, and foundations) and building erections. Pipe work continues in pipe racks throughtout the site. The welding is also being performed in fab areas located west and north of flare.</p> <p>JD Steel: Continue with rebar foundation fabrication. .</p> <p>Empire: Continue with building and disassembly of scaffolds throughout site.</p> <p>Miller: Insulating pipe on multiple skids inside ISBL areas.</p> <p>MMR: Continue work in EB 6107 and 6208, also installing cable trays throughout the various pipe racks.</p> <p>RCI: Continue pipe efforts inside the compressor building, and in EB-5722.</p> <p>OSBL:</p> <p>Kiewit: Racking / Fitting/ Welding pipe into PR# 12 and 12A. Racking pipe in PR# 22.56, 55 and 55A.</p> <p>Westcon: Sleeper piles and piles for PR 56A and installation of new cooler.</p> <p>RCI: Continue brownfield efforts.</p>							
VISITOR							

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