Monthly Construction Status Report

Docket PU-17-397

April 1, 2019 through April 30, 2019

Contact	Title	Office Phone	Cell Phone
Chris McFarland	Project Manager	720-456-4003	832-527-8520
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Arrow Bear Den Gas Processing Plant II - Facility Construction

This month's activities (4/1/19 through 4/30/19):

- Hours worked project to date: 560,268 hrs
- Number of personnel on site: 430 (average)
- General tasks underway (brief narrative):
    - Civil – No activity this period. Final road surfacing and final grading / surfacing will be completed Spring / Summer 2019.
    - Continued with support steel, platform and ladder installations in all areas.
    - Continued to erect and modify scaffolds in all areas.
    - Office/Warehouse building construction continues.
    - Continued with pipe spool ground fabrication, installation and welding of pipe spools (including night shift).
    - Continued installation of cable trays for plant electrical work.
    - Continued with installation of cable in all areas.
    - Received all major equipment, structural steel and pipe spools.
    - Continued with NDE examination (radiograph) of piping.
- Activity progress

Activity	% Complete	Status
Grading	98%	Completed major earthwork activities. Final activities include restoration and seeding.
Civil	98%	Installing misc. helical piles and concrete.
Structural	80%	Installation of supporting steel.
Equipment Set	77%	Continue equipment setting.
Piping	54%	Continue pipe installation.
Buildings	93%	O/W building expected to complete in May.
Electrical / Controls	51%	Substantial progress with cable pulls.
Commissioning	0%	No activity; expect to begin in May.

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Arrow Field Services, LLC

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Next month's activities (5/1/19 through 5/31/19):
• Continue receiving & setting materials / equipment at site. • Finalize pipe installation in areas 51 & 52. • Continue pipe installation in all other areas (expect completion by mid-June). • Continue with structural steel, piping and electrical supports, platforms and ladder installations of vessels and equipment. • Continue with hydrotest and pneumatic test of prefabricated pipe spools as needed. • Continue with insulation on equipment, vessels and piping as released. • Continue installing and modifying scaffold installations throughout entire project site. • Continue electrical installation; cable pulls, fiber installation, etc. • Complete office building mid-May. • Start mobilizing commissioning equipment/materials. • Begin pre-commissioning activities; filter checks, mole sieve loading, early loop checks.