TEP Rocky Mountain LLC
RWF 311-15 Frac Pad
Sundry Notice
April 14, 2020

SUNDRY NOTICE

TEP Rocky Mountain LLC ("TEP") is requesting approval to reconstruct the RWF 311-15 pad (COGCC Loc ID 335571) to support well completions operations for the ten (10) proposed wells on the Federal RWF 12-9 pad (COGCC Loc ID 335636). The RWF 311-15 pad is an existing Oil and Gas Location with twelve (12) existing wells. The pad is located on private surface within Lot 4, Lot 5, and Lot 6 of Section 15, Township 6 South, Range 94 West, 6th P.M.

The RWF 311-15 pad would be reconstructed to provide enough working surface for temporary equipment in support of well completions operations on the RWF 12-9 pad. TEP would pump produced water from the Clough Production Pit (Clough 44-16-694; COGCC Fac. ID 467753) to a temporary booster pump on the Clough 20 pad (COGCC Loc. ID 335068) where it would be pump to the RWF 311-15 Pad for well completions operations. Produced water would be pumped via existing water pipelines, including one (1) existing ten-inch (10") temporary surface poly water line from the existing valve can south of the Clough 20 pad to the booster pump on the Clough 20 pad, and one (1) existing ten-inch (10") temporary surface water pipeline from the booster pump to the RWF 311-15 pad. TEP would install five (5) four and one half-inch (4.5") steel frac lines (approximately 4,417 feet each) from the RWF 311-15 pad to the RWF 12-9 pad. The temporary surface frac lines would be installed following existing access roads except for one (1) section of pipeline (approximately 1850 feet) which would be installed cross county.

Construction of the location is estimated to begin in June of 2020. Per TEPs current schedule, completions operations for the wells on the RWF 12-9 pad would begin in December of 2020 and would continue through March 2021. TEP currently anticipates using this location for well completions operations during development of other future well in the area. TEP may submit subsequent sundry for the RWF 311-15 pad to be used for these locations in the coming months. Reclamation activities will begin within six (6) months following well completions operations, or during the next growing season unless future frac operations are approved for this location. Development may be accelerated or delayed based on market conditions and company constraints.

EXISTING CONDITIONS

The RWF 311-15 pad is an existing multi-level pad location approximately 4.76 acres in total disturbance, with 1.50 acres in use for long-term production operations. Approximately 3.26 acres of this location has been previously reclaimed. The RWF 311-15 pad currently has thirteen (13) existing wells. Production equipment on this location consists of twelve (12) separators (2 Quads/2 Double), one (1) eighty-barrel (80bbl) produced water tank, one (1) two hundred-barrel (200bbl) condensate tanks, and one (1) meter shed. All existing tanks are within a secondary containment structure approximately fifty feet (28') by fifty feet (40') providing containment of 110% of the largest tank. Twelve (12) two-inch (2") wellhead flowlines run from the existing producing wellhead to the separators located along the north side of the pad. One (1) four-inch (4") water pipeline run between the separators and the produced water tank and one (1) two-inch (2") condensate pipelines run between the separators and the condensate tank. One (1) two-inch (2") flowline runs from the McNary 107 well to the meter shed location on the west end of the pad. All existing production equipment and pipelines will remain in place.

PAD CONSTRUCTION

The RWF 311-15 pad will be reconstructed to provide enough working surface to operate temporary frac equipment. Approximately 3.58 acres of the pad location would be reconstructed to support completions operations. Temporary frac equipment placed on location will be utilized for frac operations associated with the proposed wells on the RWF 12-9 pad. There will be no new disturbance associated with the pad construction as all the proposed construction activities will be contained within the previously disturbed area of the pad.

Prior to construction, stormwater controls will be inspected to ensure form and function. Additional stormwater controls will be installed along the perimeter of the pad to prevent migration of sediment off-site. Topsoil will then be striped to a depth of approximately twelve-inches (12") and stockpiled/windrowed along the southwest side of the pad. All areas within the proposed limit of disturbance will be stripped of topsoil to preserve organic materials for pad reclamation. The estimated topsoil volume is 2,720 cy of material. A small amount of excess subsurface material (approximately 470 cubic yards) will be generated during pad construction, which will be stockpile above the cut slope of the pad. Topsoil and excess material will be segregated. Perimeter berms, approximately 2.5-feet in height, will be construction along the fill edge of the pad to ensure containment in the event of a release. A drive over berm will also be constructed near the north entrance to the pad.

Fugitive dust control measures will be employed as needed during construction activities, which would include application of fresh water. All proposed construction activities will be contained within the previously disturbed areas of the well pad location, access road, or pipeline corridors. Please see the Construction Layout for additional details.

TEMPORARY EQUIPMENT AND SURFACE PIPELINES

During completion operations temporary equipment will be placed on the RWF 311-15 pad. Temporary equipment may include approximately thirty-two (32) five hundred-barrel (500bbl) frac tanks, diesel frac pumps (12), sand silos (3), blending equipment, and flowback equipment (3-4 phase separators). Additional equipment may be placed on site as needed during well stimulation activities. All temporary equipment will be removed from the site following completion of well flowback operations.

Produced water for completions operations will be transported from the Clough Production Pit (Pit 44-16-694; COGCC Facility ID 467753) to the booster pump on the Clough 20 pad (COGCC Loc ID: 335068) where it will be pumped to the RWF 311-15 pad. TEP would utilize existing water infrastructure including one (1) ten-inch (10") temporary surface water supply line (approximately 393 feet) from the valve can south of the Clough 20 to the booster pump, and one (1) ten-inch (10") temporary surface water supply pipeline (approximately 4,417 feet) from the clough 20 to the RWF 311-15 pad, to transport water to the RWF 311-15 pad during completions operations. TEP would install five (5) four and one half inch (4.5") temporary surface steel frac lines (approximately 9,715 feet each) from the RWF 311-15 pad to the RWF 12-9 pad. The temporary surface frac lines would be installed following existing access roads or pipeline corridors except for one (1) section of the proposed lines (approximately 1850 feet) which would be installed cross country. All temporary surface steel frac lines will be removed within six (6) months following completions operations.

INTERIM RECLAMATION

Interim reclamation activities will begin within six (6) months following well completions operations, or during the next growing season unless future frac operations are approved at this location. The eastern production pad would be reclaimed back to approximately 0.92-acres for long-term production operations

of the twelve (12) existing wells. The production pad on the western side of the pad supporting production of the existing McNary 107 well will remain in place with an approximate footprint of 0.71-acres. The total long-term disturbance for the RWF 311-15 pad would be approximately 1.63-acres.

Prior to commencement of interim reclamation activities, the location and the surrounding area will be cleared of all remaining equipment, debris, materials, and trash not required for long-term production operations of the existing wells on the RWF 311-15 pad. The proposed temporary surface steel frac lines will be removed and hauled to a TEP operated storage facilities for reuse. All temporary equipment will be removed from the pad location. Any returned frac sand located on the RWF 311-15 pad will be mixed and sampled for compliance with COGCC 910-1 standards and relocated, if necessary, to the cut slope of the pad location for final placement before pad reclamation begins.

All areas of the pad location not required for long-term production operations will be reclaimed and reseeded. A working area (production pad) must be maintained around each well head and the production equipment as they must remain accessible. The fill slope of the pad will be excavated and placed back along the cut slope of the pad leaving only the production pad remaining for long-term operations. The site will be re-contoured to blend as nearly as possible with the natural topography and graded to prevent erosion and encourage establishment of desirable vegetation.

Prior to seeding, the stockpiled topsoil located southwest of the pad will be spread to a uniform depth that will allow the establishment of desirable vegetation. Soil sampling may be taken, if necessary, to determine if soil amendments may be needed. All compacted portion of the pad not required for long-term production operations will be ripped to a depth of eighteen-inches (18") when surface conditions permit. If the seed bed has begun to crust over or seal, the seed bed will be prepared by disking or some other mechanical means sufficient to allow penetration of the seed into the soil. In addition, broadcast seed should be covered by using a harrow, drag bar, or chain. Generally, slopes steeper than 2:1 will be hydroseeded and slope shallower than 2:1 will be drill seeded. Seeding will occur during the appropriate time of year. A seed mix approved by the landowner will be used on all disturbed areas except within the footprint of the production pad, which will be stabilized with gravel for long-term production operations.

ATTACHMENTS

RWF 311-15 Pad Plan of Development Map
RWF 311-15 Pad Construction Layout
RWF 311-15 Pad Construction Layout Cross Section
RWF 311-15 Pad Hydrology Map
RWF 311-15 Pad Interim Reclaim Layout
RWF 311-15 Pad Interim Reclaim Layout Cross Sections
RWF 311-15 Pad Objective Criteria Check List
RWF 311-15 Pad Sensitive Area Determination
RWF 311-15 Pad Frac Equipment Layout