

Bonanza Creek Reclamation Plan Pronghorn J-4 Wellpad (Facility 433145)

The reclamation plan summary below is provided in response to the Colorado Oil and Gas Conservation Commission (COGCC) Field Inspection Report (FIR) (Doc # 682500176). The Pronghorn J-4 wellpad was interim reclaimed in August 2015. This included reduction of the operations footprint by removal of the road base material and seeding of the reclaimed area. On November 20, 2015, the COGCC conducted a reclamation inspection at the location. It was observed that the portions of vegetation present on the location were below the 80% of surrounding vegetation density.

Reclamation Activity

Bonanza Creek Energy Operating Company LLC (BCEOC) will evaluate vegetative growth in the spring of 2016. If growth does not appear to be sufficient, BCEOC will conduct reseeding of the interim reclaimed area. If necessary, seeding activities will be completed prior to the required March 31, 2016 deadline required in the COGCC FIR. BCEOC will file a Sundry Form 42 to notify the COGCC that the vegetative growth was observed or that reseeding was conducted.

BCEOC does not typically use water or fertilizer/soil amendments during reclamation activities, unless it is deemed necessary. Reclamation is conducted in the spring and fall to take advantage of favorable temperatures and increased precipitation amounts. As the Pronghorn J-4 location already has vegetation present throughout the location, BCEOC will reseed the pad to achieve the required vegetation density for closure. Though seed mix can vary based upon surface owner preference, the majority of BCEOC's Wattenberg locations are reclaimed with the following sandy soil seed mix:

- Switchgrass – Blackwell (20%)
- Thickspike Wheatgrass – Critana (20%)
- Western Wheatgrass – Arriba (15%)
- Annual Ryegrass – Gulf (10%)
- Sideoats Grama – Native (10%)
- Blue Grama – Native (10%)
- Big Bluestem – Pawnee (10%)

If reseeding is conducted, a BCEOC reclamation contractor will conduct surface roughening in the bare areas of soil (if necessary) at the Pronghorn J-4. The grass seed will then be machined drilled and hay will be crimped into the re-seeded area to reduce wind-blown erosion and provide organic material in the surface soil horizon.

Vegetation Monitoring

The Pronghorn J-4 location is in the BCEOC stormwater inspection program. The location is currently inspected every 14 days and will move to monthly inspections soon. During these inspections stormwater inspectors document vegetative growth and reclaim progress. Once the vegetation reaches 70% of the surrounding vegetation density, BCEOC will submit a Sundry Form 4 to notify the COGCC of interim reclamation completion.

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Weed Management

BCEOC will continue to conduct weed control at the Pronghorn J-4 as part of the field-wide weed management program. BCEOC personnel routinely visit locations and assess the need for weed management. Weed control will be evaluated during the stormwater inspections as well as field-wide weed control inspections. When weed control is necessary, BCEOC conducts mowing and/or spray treatment depending on the season and weed growth stages.