

# Cover Data

Date: 12/23/15 Inspected By: Ryan Costa

Location/Operator: API# 009-06124 Enter Vest Operating

| Transect #/disturbed/Ref                      | Disturbed              |        | Reference              |        |         |        |         |        |
|---|------------------------|--------|------------------------|--------|---------|--------|---------|--------|
| Transect Orientation and first photo, degrees | 37.23576<br>-102.18714 | SW     | 37.23486<br>-102.18764 | NE     |         |        |         |        |
| Photo Midpoint (2)                            | NW, SE                 |        |                        |        |         |        |         |        |
| End transect                                  | 37.23558<br>-102.18741 | NE     | 37.23511<br>-102.18752 | SW     |         |        |         |        |
| Photo other                                   |                        |        |                        |        |         |        |         |        |
| Aspect/Slope                                  | Flat                   |        | Flat                   |        |         |        |         |        |
|   |                        | Totals |                        | Totals |         | Totals |         | Totals |
| Cryptogams (eg. Moss, lichen)                 |                        |        |                        |        |         |        |         |        |
| Litter  | ☒☒☒☒☒                  | 36     | ☒☒☒☒☒                  | 48     |         |        |         |        |
| Bare Soil                                     | ☒☒☒☒☒☒                 | 44     | ☒☒                     | 21     |         |        |         |        |
| Rock  |                        |        |                        |        |         |        |         |        |
| Total Weeds                                   | 9                      |        | 2                      |        |         |        |         |        |
| Total Desirable Species                       | 11                     |        | 29                     |        |         |        |         |        |
| 80% Check                                     | 11/29 = 38%            |        | 100%                   |        |         |        |         |        |
|   | 1st Hit                | 2nd/P  | 1st Hit                | 2nd/P  | 1st Hit | 2nd/P  | 1st Hit | 2nd/P  |
| Buffalograss                                  | ::                     | 4      | "                      | 2      |         |        |         |        |
| Sand dropseed                                 | L                      | 7      | ☒☒:                    | 23     |         |        |         |        |
| Kochia  | ☒                      | 9      | "                      | 2      |         |        |         |        |
| Russian thistle                               |                        | P      |                        | -      |         |        |         |        |
| Kraie thistle                                 |                        | P      |                        | P      |         |        |         |        |
| Blue grama                                    |                        | P      | "                      | 2      |         |        |         |        |
| Big bluestem                                  |                        | P      |                        | P      |         |        |         |        |
| Silver chustom                                |                        | P      |                        | P      |         |        |         |        |
| Switchgrass                                   |                        |        |                        | P      |         |        |         |        |
| Sideoatsgrass                                 |                        |        | "                      | 1      |         |        |         |        |
| Western wheatgrass                            |                        |        | "                      | 1      |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |
|   |                        |        |                        |        |         |        |         |        |

2nd= second hit; P= plant species present but not hit



photo 1: Beginning of the vegetation transect facing southwest at the location.



photo 2: Ground view at the midpoint of the transect.



**photo 3:** Facing southeast at the midpoint of the transect.



**photo 4:** Facing northwest at the midpoint of the transect.



photo 5: End of the vegetation transect facing northeast at the location.



photo 6: Beginning of the vegetation transect facing northeast at reference area.



**photo 7:** Ground view at the midpoint of the transect.



**photo 8:** Facing northwest at the midpoint of the transect.



**photo 9:** Facing southeast at the midpoint of the transect.



**photo 10:** End of the vegetation transect facing southwest at the reference area.