

Roaring Fork 14-28 (Location ID: 472941) – Pit Closure

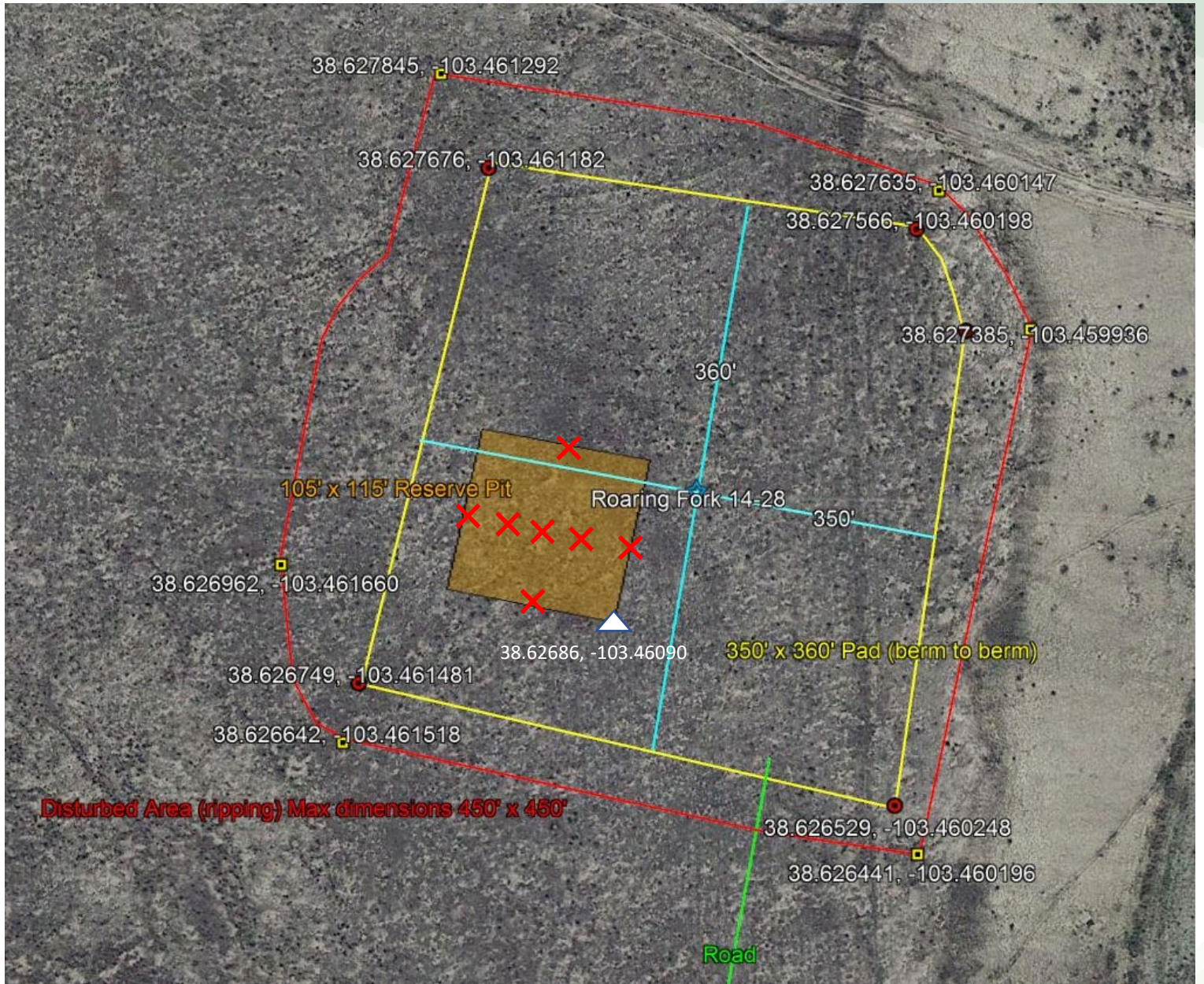
SE ¼ SW ¼ Sec. 28 T16S, R54W, 6th PM
Lincoln County, Colorado

✗ Soil Sample Location
(7 total)

☆ Roaring Fork 14-28 wellhead
(05-073-06774)
38.627090, -103.460720

△ SE corner of pit

There are no facilities
or equipment on site.



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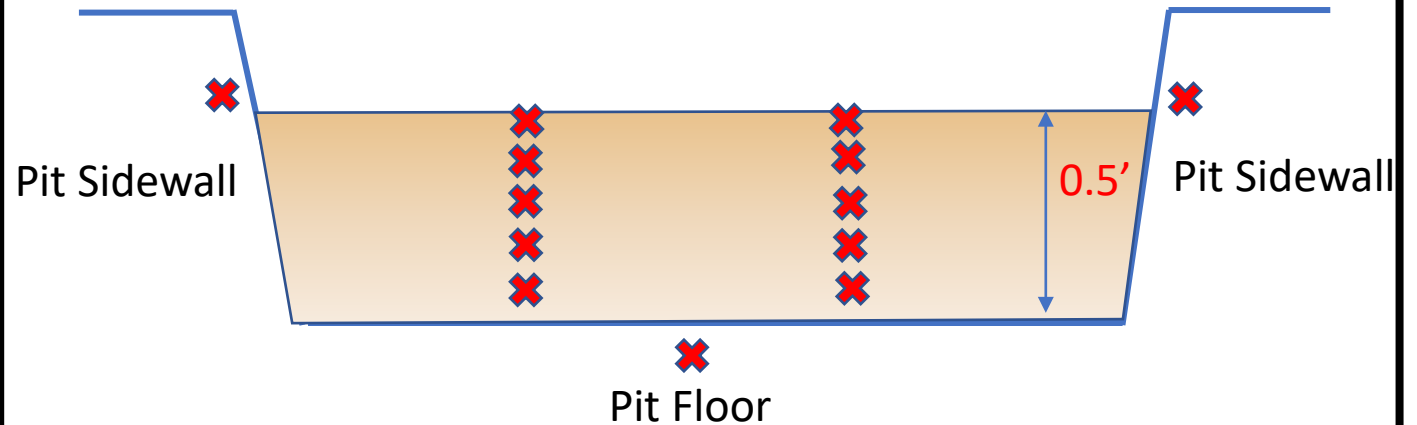


Sample Program:

- (2) Composite samples (1 per 100 cubic yards of cuttings)
 - Composite Sample = 5 samples at different depths
- (4) Side wall samples (1-sample per side wall)
- (1) Pit Floor (Native Soil) sample

105' x 115' Cuttings Pit Cross Section

- Calculated cuttings volume: 169.0 cubic yards is based on hole sizes and caliper log, plus a 30% assumed expansion factor)
- Calculated height of cuttings: 0.30 ft
- Estimated height of cuttings per visual inspection: 0.5 ft



Roaring Fork 14-28 (Location ID: 472941) – Cutting's Volume

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ROARING FORK 14-28

TD	6,860' MD
Logger's Depth	6,730' MD
Surface Hole Depth	505' BGL
Logged Interval	6,225' MD
Unlogged Interval (assume gauge)	130' MD

Theoretical Cuttings Volume

6,355' of gauge 8¾" Prod Hole	2,653.7 ft ³
505' of gauge 12¼" Surf Hole	413.3 ft ³
Theoretical Cuttings Vol.	3,067.1 ft³

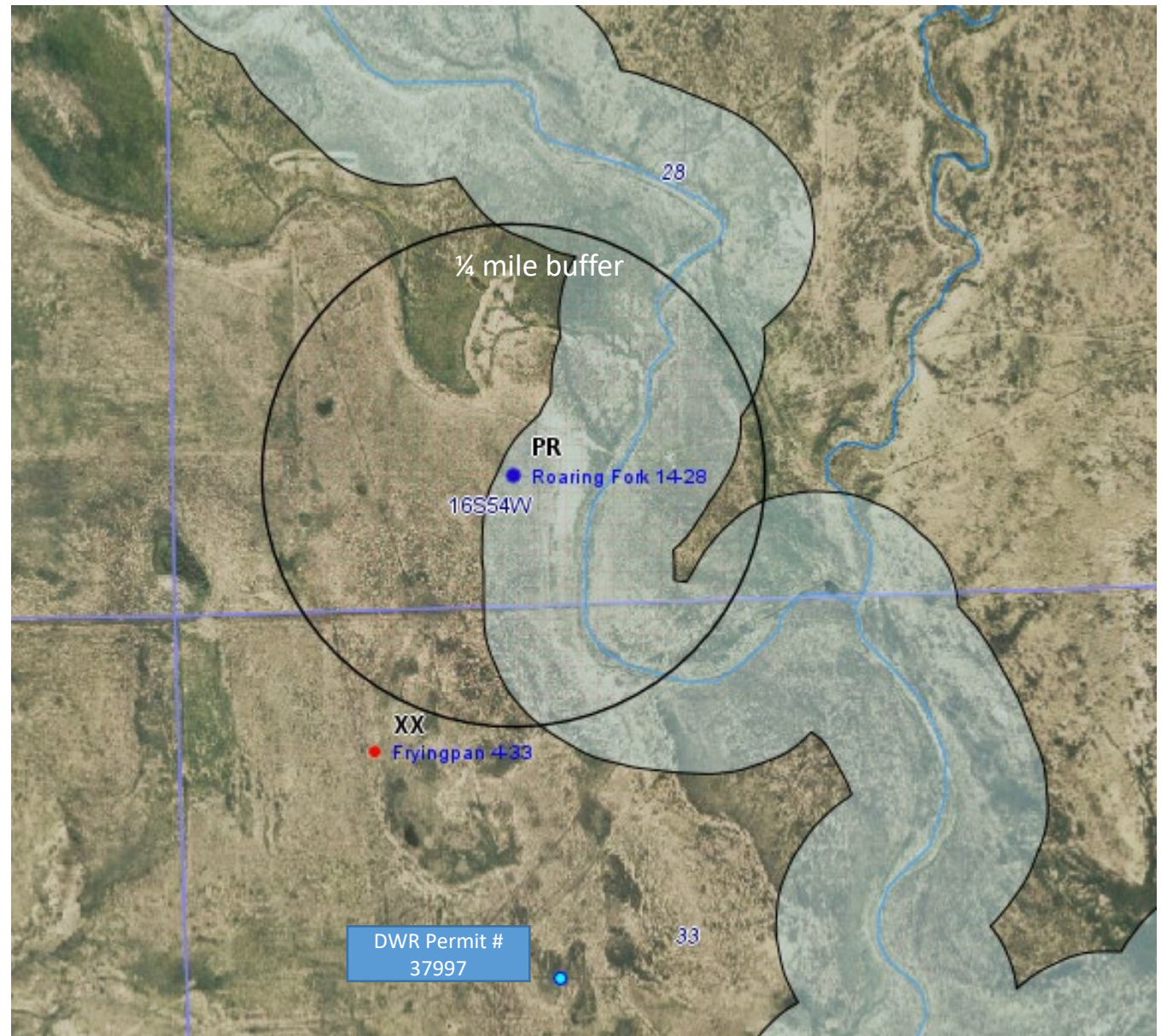
"Measured" Cuttings Volume

Caliper Volume (6,225' of hole)	2,991.2 ft ³	110.8 yd ³
Calculated Unlogged Hole Vol	106.4 ft ³	3.9 yd ³
Calculated Surface Hole Volume	413.3 ft ³	15.3 yd ³
Total Vol of Formation Removed	3,510.9 ft ³	130.0 yd ³
30% Expansion Factor	1,053.3 ft ³	39.0 yd ³
TOTAL CUTTINGS VOLUME	4,564.2 ft³	169.0 yd³

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- Subject well
- Well (API Spot)
- Water Well
- Aquatic Native Species Conservation Waters



Roaring Fork 14-28 (Location ID: 472941) – Interim Reclamation

SE ¼ SW ¼ Sec. 28 T16S, R54W, 6th PM
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Note: 0.5 acre un-reclaimed
for future rig work

