



Building Owned by
C. Betz

Buildings owned
by MJ Schneider

Oil Tanks on property of
MJ Schneider

RECLAMATION SITE MAP

MARILYN SCHNEIDER

KAMMERZELL

MICHAEL JANE CZKO

APPROXIMATE PROPERTY LINE

APPROXIMATE LOCATION OF
EXISTING WIRE FENCE OWNED
BY CLIFFORD BETZ

APPROXIMATE LOCATION OF
EXISTING WIRE FENCE OWNED
BY CLIFFORD BETZ

Existing vegetation consists of Rangeland grasses

RECLAMATION OF BORROW PIT

CLIFFORD BETZ

Progression of Mining
Operation

NO WORK ZONE

HISTORIC WELL

ACCESS ROAD

RECLAMATION OF BORROW PIT

RECLAMATION OF BORROW PIT

FINAL SLOPE 3:1 (TYP.)

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PERMIT BOUNDARY:
29.97 ACRES

AFFECTED AREA:
25.93 ACRES
TOPSOIL @ 12" DEPTH
VOLUME=42,000 CY

Water Well Permit No. 23881-F

WELD COUNTY ROAD 48

POINT OF
BEGINNING

OVERHEAD ELECTRIC
OWNED BY XCEL ENERGY

PERMIT BOUNDARY:

BEGINNING IN THE NORTHWEST CORNER: 40°19'08.857" N, 104°49'27.788" W
THENCE N 89°07'22" E, A DISTANCE OF 121.65 FEET;
THENCE S 45°47'57" E, A DISTANCE OF 21.18 FEET;
THENCE N 88°07'22" E, A DISTANCE OF 1294.44 FEET;
THENCE S 03°56'20" W, A DISTANCE OF 178.23 FEET;
THENCE N 10°27'23" W, A DISTANCE OF 206.80 FEET;
THENCE S 00°37'11" W, A DISTANCE OF 83.14 FEET;
THENCE S 89°11'07" W, A DISTANCE OF 1088.52 FEET;
THENCE N 02°10'52" W, A DISTANCE OF 420.12 FEET;
THENCE N 89°11'07" E, A DISTANCE OF 1067.99 FEET;
THENCE S 00°37'11" W, A DISTANCE OF 441.72 FEET;
THENCE S 89°11'07" W, A DISTANCE OF 1306.14 FEET;
THENCE N 02°10'52" W, A DISTANCE OF 888.71 FEET;
THENCE N 34°03'17" E, A DISTANCE OF 111.32 FEET;
THENCE N 03°27'39" W, A DISTANCE OF 301.39 FEET;
THENCE N 45°47'57" W, A DISTANCE OF 106.57 FEET
TO THE POINT OF BEGINNING.

PARCEL CONTAINS AN AREA OF 1,305,418 SQUARE
FEET OR 29.968 ACRES, MORE OR LESS.

AFFECTED AREA:

BEGINNING IN THE NORTHWEST CORNER: 40°19'08.857" N, 104°49'27.788" W
THENCE N 89°07'22" E, A DISTANCE OF 121.65 FEET;
THENCE S 45°47'57" E, A DISTANCE OF 42.37 FEET;
THENCE N 88°07'22" E, A DISTANCE OF 1145.02 FEET;
THENCE S 03°56'20" W, A DISTANCE OF 158.98 FEET;
THENCE N 10°27'23" W, A DISTANCE OF 206.80 FEET;
THENCE S 00°37'11" W, A DISTANCE OF 84.81 FEET;
THENCE S 89°11'07" W, A DISTANCE OF 855.38 FEET;
THENCE N 02°10'52" W, A DISTANCE OF 420.12 FEET;
THENCE N 89°11'07" E, A DISTANCE OF 929.91 FEET;
THENCE S 00°37'11" W, A DISTANCE OF 426.79 FEET;
THENCE S 89°11'07" W, A DISTANCE OF 1153.70 FEET;
THENCE N 02°10'52" W, A DISTANCE OF 848.15 FEET;
THENCE N 34°03'17" E, A DISTANCE OF 111.50 FEET;
THENCE N 03°27'39" W, A DISTANCE OF 288.99 FEET;
THENCE N 45°47'57" W, A DISTANCE OF 128.84 FEET
TO THE POINT OF BEGINNING.

PARCEL CONTAINS AN AREA OF 1,129,304
SQUARE FEET OR 25.925 ACRES, MORE OR LESS.

NOTES:

1. LIMITS OF CONSTRUCTION NOT TO EXCEED 30 ACRES.

DATA:

BORROW VOLUME = 193,000 CY

LEGEND:

- PERMIT BOUNDARY
- EXISTING CONTOUR
- PROPOSED CONTOUR
- AFFECTED AREA
- STOCKPILE LIMITS
- CALCULATED BOUNDARY POINT
- FENCE
- OVERHEAD ELECTRIC
- PROPERTY OWNER
- BUILDINGS
- Oil Tanks
- Water Well

1 inch = 80 ft.

THESE CONSTRUCTION PLANS WERE PREPARED BY ME (OR UNDER
MY DIRECT SUPERVISION) IN ACCORDANCE WITH THE REQUIREMENTS
OF THE COLORADO DIVISION OF RECLAMATION MINING & SAFETY.

DESIGNED BY: JRS
DRAWN BY: JRS
CHECKED BY: JRS

JOB NO.
18-044

SHEET
2 OF 2

DATE
1/4/18

JUSTIN R. SIMPSON, P.E. 54251

CIVIL ENGINEERING
DEVELOPMENT CONSULTING
NATURAL RESOURCES CONSULTING
LAND SURVEYING
303.703.4444
1950 W. LITTLETON BLVD., STE. 109
LITTLETON, CO 80120

CORE
CONSULTANTS

CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU
DIG. GRADUATE ENGINEERING. HOLDING OF
UNDERGROUND MEMBER UTILITIES.
CORE ACQUIRES NO RESPONSIBILITY FOR EXISTING UTILITIES
LOCATED ON THE DRAWING. HAS BEEN ADVISED
UTILITIES SHOWN ON THE DRAWING HAVE BEEN LOCATED
AND MARKED. THE CONTRACTOR TO FIELD VERIFY
THE LOCATION OF ALL UTILITIES PRIOR TO THE
COMPLETION OF ANY CONSTRUCTION ACTIVITIES.

WELD COUNTY BORROW
SEMA CONSTRUCTION
GRADING PLAN
RECLAMATION PLAN

#	REVISION DESCRIPTION	DATE	BY