

29
T2S, R3W,
USBM

SURFACE USE AREA DESCRIPTION (NORTH EXPANSION AREA)
BEGINNING AT A POINT ON THE NORTHELY EDGE OF THE EXISTING DENNING 29-4A-23 SURFACE USE AREA, SAID POINT BEING LOCATED NORTH 30°15'10" WEST A DISTANCE OF 2748.75 FEET FROM THE SOUTHEAST CORNER OF SECTION 29, TOWNSHIP 2 SOUTH, RANGE 3 WEST, UTAH SPECIAL BASE AND MERIDIAN; THENCE NORTH 59°49'10" WEST 54.87 FEET ALONG THE NORTHELY EDGE OF THE EXISTING DENNING 29-4A-23 SURFACE USE AREA; THENCE SOUTH 86°24'43" WEST 282.96 FEET ALONG THE NORTHELY EDGE OF THE EXISTING DENNING 29-4A-23 SURFACE USE AREA; THENCE SOUTH 51°10'37" WEST 52.12 FEET ALONG THE NORTHELY EDGE OF THE EXISTING DENNING 29-4A-23 SURFACE USE AREA; THENCE SOUTH 6°42'31" EAST 69.91 FEET ALONG THE WESTERLY EDGE OF THE EXISTING DENNING 29-4A-23 SURFACE USE AREA; THENCE NORTH 84°51'00" WEST 8.20 FEET; THENCE NORTH 6°30'28" WEST 363.87 FEET; THENCE SOUTH 80°41'23" EAST 206.47 FEET; THENCE SOUTH 81°36'20" EAST 177.26 FEET; THENCE SOUTH 87°42'15" EAST 28.90 FEET; THENCE SOUTH 6°13'10" EAST 96.56 FEET; THENCE SOUTH 3°24'35" WEST 113.80 FEET TO THE POINT OF BEGINNING.

THE BASIS OF BEARING USED FOR THIS SURVEY IS SOUTH 89°55'10" WEST BETWEEN THE SOUTHEAST CORNER AND THE SOUTHWEST CORNER OF SECTION 29, TOWNSHIP 2 SOUTH, RANGE 3 WEST, UTAH SPECIAL BASE AND MERIDIAN.

SURFACE USE AREA
RUTH MADSEN, et. al. = 2.046 ACRES, MORE OR LESS

SURFACE USE AREA DESCRIPTION (WEST EXPANSION AREA)
BEGINNING AT A POINT LOCATED NORTH 53°39'50" WEST A DISTANCE OF 2239.01 FEET FROM THE SOUTHEAST CORNER OF SECTION 29, TOWNSHIP 2 SOUTH, RANGE 3 WEST, UTAH SPECIAL BASE AND MERIDIAN; THENCE NORTH 25°55'30" WEST 236.74 FEET; THENCE NORTH 34°38'15" WEST 65.46 FEET; THENCE NORTH 30°49'31" WEST 77.16 FEET; THENCE NORTH 38°34'33" WEST 239.37 FEET; THENCE NORTH 26°35'00" WEST 77.62 FEET; THENCE NORTH 75°29'28" EAST 405.42 FEET; THENCE SOUTH 6°30'28" EAST 584.64 FEET; THENCE SOUTH 40°35'47" WEST 145.24 FEET TO THE POINT OF BEGINNING.

THE BASIS OF BEARING USED FOR THIS SURVEY IS SOUTH 89°55'10" WEST BETWEEN THE SOUTHEAST CORNER AND THE SOUTHWEST CORNER OF SECTION 29, TOWNSHIP 2 SOUTH, RANGE 3 WEST, UTAH SPECIAL BASE AND MERIDIAN.

SURFACE USE AREA
RUTH MADSEN, et. al. = 3.626 ACRES, MORE OR LESS

SURFACE USE AREA DESCRIPTION (SOUTH EXPANSION AREA)
BEGINNING AT A POINT LOCATED ON THE SOUTH LINE OF THE NW1/4 SE1/4 OF SECTION 29, SAID POINT BEING LOCATED NORTH 45°22'57" WEST A DISTANCE OF 1902.61 FEET FROM THE SOUTHEAST CORNER OF SECTION 29, TOWNSHIP 2 SOUTH, RANGE 3 WEST, UTAH SPECIAL BASE AND MERIDIAN; THENCE SOUTH 88°33'18" WEST 292.28 FEET ALONG THE SOUTH LINE OF THE NW1/4 SE1/4 OF SAID SECTION 29; THENCE NORTH 6°30'28" WEST 214.49 FEET; THENCE NORTH 83°41'35" EAST 256.91 FEET ALONG THE SOUTHERLY LINE OF THE EXISTING DENNING 29-4A-23 SURFACE USE AREA AND AN EXTENSION THEREOF; THENCE NORTH 53°17'43" EAST 77.46 FEET ALONG THE SOUTHERLY LINE OF THE EXISTING DENNING 29-4A-23 SURFACE USE AREA; THENCE SOUTH 0°11'44" WEST 280.26 FEET TO THE POINT OF BEGINNING.

THE BASIS OF BEARING USED FOR THIS SURVEY IS SOUTH 89°55'10" WEST BETWEEN THE SOUTHEAST CORNER AND THE SOUTHWEST CORNER OF SECTION 29, TOWNSHIP 2 SOUTH, RANGE 3 WEST, UTAH SPECIAL BASE AND MERIDIAN.

SURFACE USE AREA
RUTH MADSEN, et. al. = 1.622 ACRES, MORE OR LESS

FOUND 2015 DUCHESNE
COUNTY ALUMINUM CAP
SOUTHWEST CORNER
SECTION 29, T.2S, R.3W.,
U.S.B.&M.

S89° 55' 10"W 5273.15' (BASIS OF BEARING)

FOUND 1988 DUCHESNE
COUNTY ALUMINUM CAP
NORTHEAST CORNER

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S88° 33' 18"W	292.28'
L2	N06° 30' 28"W	214.49'
L3	N83° 41' 35"E	256.91'
L4	N53° 17' 43"E	77.46'
L5	S00° 11' 44"W	280.26'
L6	N25° 55' 30"W	236.74'
L7	N34° 38' 15"W	65.46'
L8	N30° 49' 31"W	77.16'
L9	N38° 34' 33"W	239.37'
L10	N26° 35' 00"W	77.62'
L11	N75° 29' 28"E	405.42'
L12	S06° 30' 28"E	584.64'
L13	S40° 35' 47"W	145.24'
L14	N59° 49' 10"W	54.87'
L15	S86° 24' 43"W	282.96'
L16	S51° 10' 37"W	52.12'
L17	S06° 42' 31"E	69.91'
L18	N84° 51' 00"W	8.20'
L19	N06° 30' 28"W	363.87'
L20	S80° 41' 23"E	206.47'
L21	S81° 36' 20"E	177.26'
L22	S87° 42' 15"E	28.90'
L23	S06° 13' 10"E	96.56'
L24	S03° 24' 35"W	113.80'

CALCULATED
1/16TH CORNER

XCL RESOURCES

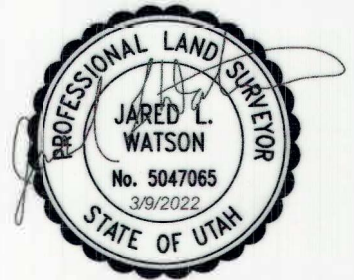
LOCATION SURFACE USE AREA EXPANSION
SURVEY ON FEE LANDS FOR

RUTH MADSEN, et. al.

LOCATED IN THE NW 1/4 OF THE SE 1/4 OF SECTION 29,
TOWNSHIP 2 SOUTH, RANGE 3 WEST, U.S.B.&M.,
DUCHESNE COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, JARED L. WATSON DO HEREBY CERTIFY THAT I AM A REGISTERED
LAND SURVEYOR AND THAT I HOLD CERTIFICATE NO. 5047065 AS
PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH AND THAT A
SURVEY OF THE DESCRIBED PROPERTY HEREIN WAS PERFORMED
UNDER MY DIRECTION.



LEGEND

- = FOUND SECTION CORNER
- = CALCULATED POINT
- = SECTION LINE
- = QUARTER SECTION LINE
- = SIXTEENTH SECTION LINE
- = EXISTING GRAVEL ROAD
- = PROPOSED SURFACE USE AREA
- = EXISTING SURFACE USE AREA
- = EXISTING GAS LINE
- = EXISTING EDGE RIGHT-OF-WAY
- = EXISTING CANAL

SCALE: 1" = 300'
11X17 SHEET

SHEET

SURFACE USE AREA EXPANSION PLAT

XCL
RESOURCES

OUTLAW
ENGINEERING INC.
P.O. BOX 1800
ROOSEVELT, UTAH 84066
(435) 232-4321

PLAT NO.
22-015

DATE
3/09/2022

SHEET NO.
1 OF 1

County Surveyor's File # 5530