

T5N, R91W, 6th P.M.

SWEPI LP

Well location, NORTH CASTOR GULCH #1-16, located as shown in TRACT 66 of Section 16, T5N, R91W, 6th P.M., Moffat County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 31, T5N, R90W, 6th P.M. TAKEN FROM THE HAMILTON QUADRANGLE, COLORADO, MOFFAT COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6664 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR
EXISTING IMPROVEMENTS WITHIN 400'
OF THE PROPOSED WELL DISTURBANCE.

NORTH CASTOR GULCH #1-16
Elev. Ungraded Ground = 6992'

16
TRACT 66

1914 Brass Cap,
2.5' High, Pile
of Stones
Lat: 40.395622°
Long: 107.620764°
N89°32'05"E - 2619.41' (Meas.)
1914 Brass Cap,
0.6' High
Lat: 40.395689°
Long: 107.611364°
N89°26'42"E
2602.80' (Meas.)
1294'

N00°36'41"E - 2831.82' (Meas.)

1914 Brass Cap,
0.7' High
Lat: 40.388050°
Long: 107.602128°

1995 Alum. Cap,
1.0' High, Stones,
Wood Post
Lat: 40.387853°
Long: 107.620861°

1914 Brass Cap,
0.6' High, Pile of
Stones
Lat: 40.380200°
Long: 107.611625°

S89°06'35"W - 2601.89' (Meas.)

N89°50'11"W - 2619.81' (Meas. to True)
N89°50'11"W - 2721.44' (Meas. to W.C.)
(G.L.O.)

True Position

S89°08'06"W

REV.: 03-02-12

MEAS. TO TRUE

2608.85' (Meas. To True)

101.64' (G.L.O.)

UNTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

LEGEND:

— = 90° SYMBOL

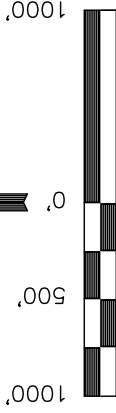
● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 1.5

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°23'31.88" (40.392189)
LONGITUDE = 107°56'19.41" (107.605392)
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°23'31.98" (40.392217)
LONGITUDE = 107°56'17.17" (107.604769)

SCALE 1" = 1000'	DATE SURVEYED: 10-05-11	DATE DRAWN: 02-17-12
PARTY B.H. N.F. J.I.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE	
		SWEPI LP



S C A L E

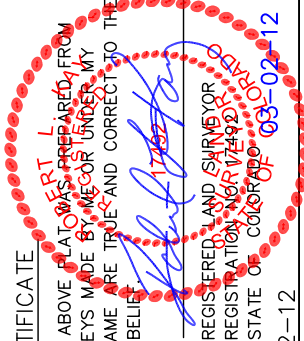
CERTIFICATE

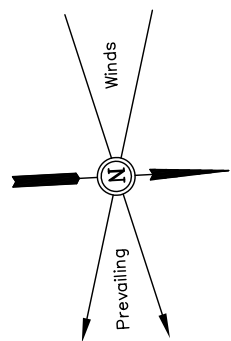
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED, FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

W.C.
1914 Brass Cap,
0.2' High Steel Post,
Carsonite Post
Lat: 40.380192°
Long: 107.601861°

1914 Brass Cap
Lat: 40.380300°
Long: 107.592864°

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO
03-02-12

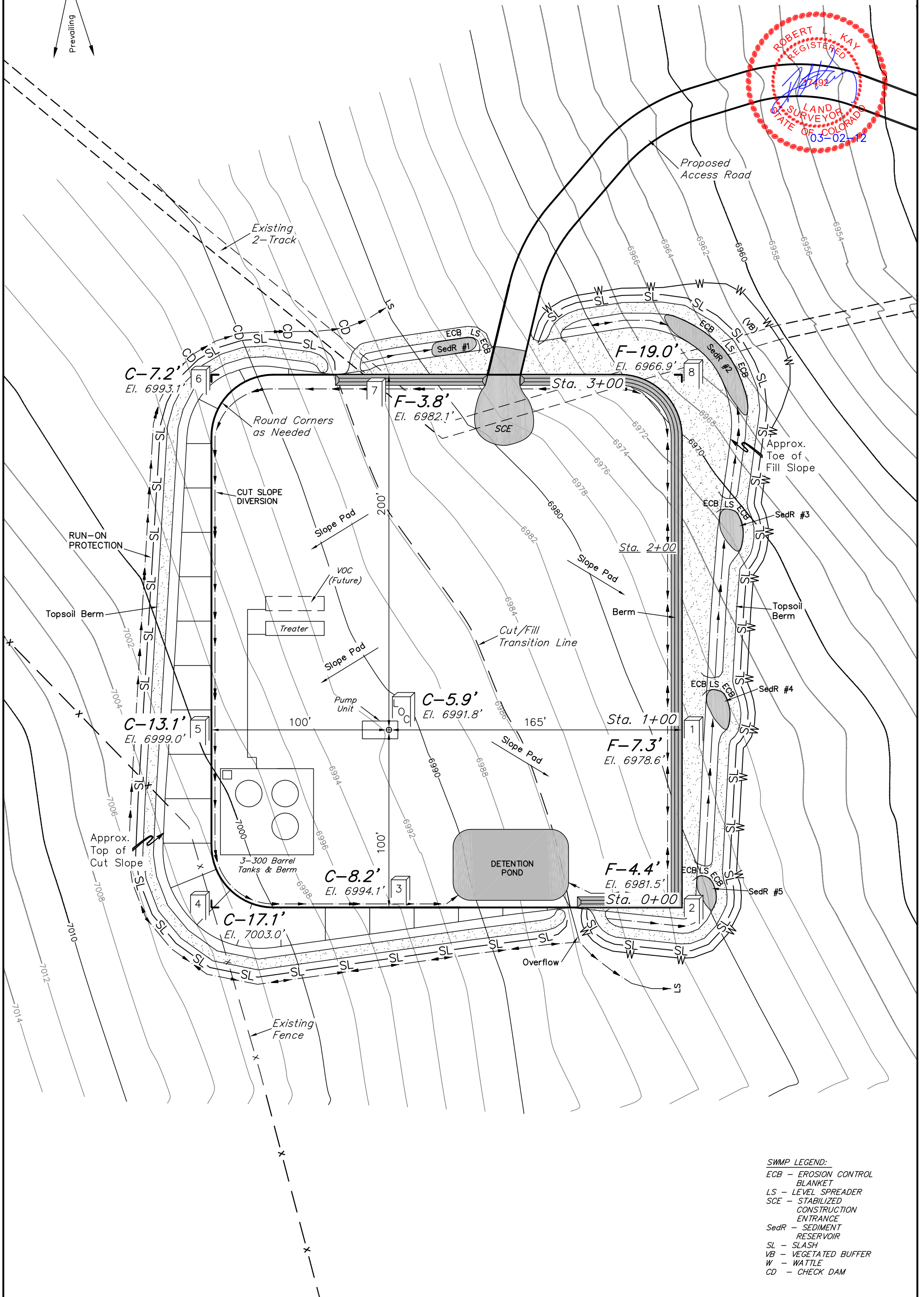
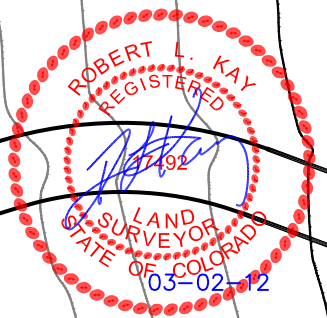




SWEPI LP
CONSTRUCTION LAYOUT FOR
NORTH CASTOR GULCH #1-16
SECTION 16, T5N, R91W, 6th P.M.
1294' FNL 925' FEL

FIGURE #1

SCALE: 1" = 50'
DATE: 02-17-12
DRAWN BY: J.I.
REV.: 03-02-12



SWMP LEGEND:
ECB - EROSION CONTROL
BLANKET
LS - LEVEL SPREADER
SCE - STABILIZED
CONSTRUCTION
ENTRANCE
SedR - SEDIMENT
RESERVOIR
SL - SLASH
VB - VEGETATED BUFFER
W - WATTLE
CD - CHECK DAM

Elev. Ungraded Ground At Loc. Stake = 6991.8'
FINISHED GRADE ELEV. AT LOC. STAKE = 6985.9'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017