

## NOTES:

1. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINE.
2. ALL BEARINGS AND DISTANCES ARE MEASURED UNLESS OTHERWISE NOTED.
3. BEARINGS ARE DERIVED FROM G.P.S. OBSERVATIONS AND EQUIPMENT.
4. THE GENERAL LAND OFFICE G.L.O. PLAT WAS USED FOR REFERENCE
5. THE BASIS OF BEARING IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SOUTHEAST CORNER OF SECTION 16, T.3S, R.4W, U.S.B.&M. LOCATED AT LAT 40°12'47.02844"N AND LONG 110°22'12.26286"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER.
6. SECTION CORNER COORDINATES ARE SHOWN IN NAD 83,

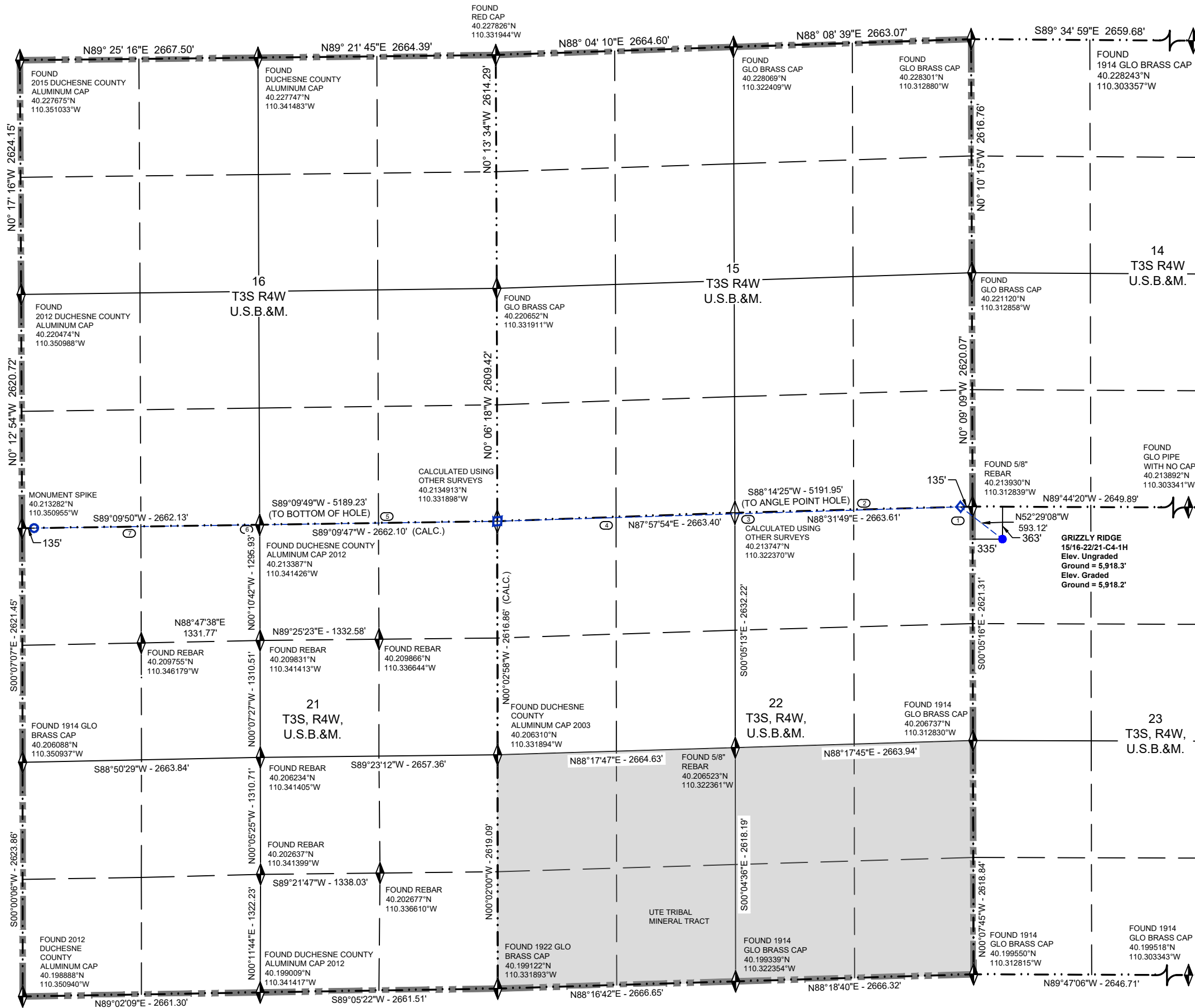
## BASIS OF ELEVATION

SPOT ELEVATION AT THE WEST QUARTER CORNER OF SECTION 23, T3S, R4W, U.S.B.&M. NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK SYSTEM. SAID ELEVATION IS 5913.73 FEET.



## WELL LOCATION PLAT

WELL: GRIZZLY RIDGE 15/16-22/21-C4-1H



① **NAD 83 SECTION LINE SEC. 23 & 22**  
LATITUDE = 40°12'49.08920"N (40.213636°)  
LONGITUDE = 110°18'46.21832"W (-110.312838°)  
**NAD 27**  
LATITUDE = 40°12'49.24210"N (40.213678°)  
LONGITUDE = 110°18'43.66101"W (-110.312128°)  
**UTM NAD 83 ZONE 12**  
NORTHING = 4,451,695.544 (m)  
EASTING = 558,472.939 (m)

② **NAD 83 EAST SIXTEENTH SECTION LINE SEC. 22**  
LATITUDE = 40°12'49.75904"N (40.213822°)  
LONGITUDE = 110°19'03.37626"W (-110.317605°)  
**NAD 27**  
LATITUDE = 40°12'49.91209"N (40.213864°)  
LONGITUDE = 110°19'00.81879"W (-110.316894°)  
**UTM NAD 83 ZONE 12**  
NORTHING = 4,451,713.067 (m)  
EASTING = 558,067.213 (m)

**NAD 83 (SURFACE LOCATION)**  
LATITUDE = 40°12'46.54359"N (40.212929°)  
LONGITUDE = 110°18'41.89911"W (-110.311639°)

**NAD 27 (SURFACE LOCATION)**  
LATITUDE = 40°12'46.69639"N (40.212971°)  
LONGITUDE = 110°18'39.34186"W (-110.310928°)

**UTM NAD 83 ZONE 12 (SURFACE LOCATION)**  
NORTHING = 4,451,617.849 (m)  
EASTING = 558,575.642 (m)

**NAD 83 (FIRST TAKE POINT)**  
LATITUDE = 40°12'50.11488"N (40.213921°)  
LONGITUDE = 110°18'47.95866"W (-110.313322°)

**NAD 27 (FIRST TAKE POINT)**  
LATITUDE = 40°12'50.26781"N (40.213963°)  
LONGITUDE = 110°18'45.40133"W (-110.312611°)

**UTM NAD 83 ZONE 12 (FIRST TAKE POINT)**  
NORTHING = 4,451,726.849 (m)  
EASTING = 558,431.557 (m)

**NAD 83 (ANGLE POINT)**  
LATITUDE = 40°12'48.56724"N (40.213491°)  
LONGITUDE = 110°19'54.83351"W (-110.331898°)

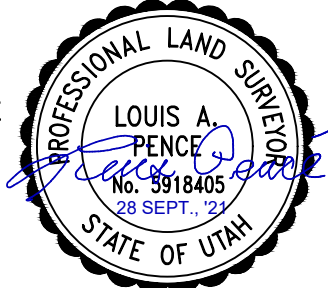
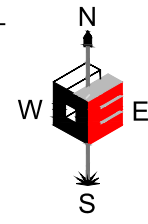
**NAD 27 (ANGLE TAKE POINT)**  
LATITUDE = 40°12'48.72068"N (40.213534°)  
LONGITUDE = 110°19'52.27558"W (-110.331188°)

**UTM NAD 83 ZONE 12 (ANGLE TAKE POINT)**  
NORTHING = 4,451,667.066 (m)  
EASTING = 556,851.186 (m)

**NAD 83 (BOTTOM OF HOLE)**  
LATITUDE = 40°12'47.83555"N (40.213288°)  
LONGITUDE = 110°21'01.69673"W (-110.350471°)

**NAD 27 (BOTTOM OF HOLE)**  
LATITUDE = 40°12'47.98952"N (40.213330°)  
LONGITUDE = 110°20'59.13820"W (-110.349761°)

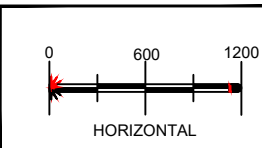
**UTM NAD 83 ZONE 12 (BOTTOM OF HOLE)**  
NORTHING = 4,451,632.773 (m)  
EASTING = 555,270.886 (m)



## LEGEND

- FOUND SECTION CORNER
- CALCULATED POINT
- PROPOSED WELL HEAD
- PROPOSED FIRST TAKE POINT
- PROPOSED ANGLE POINT
- PROPOSED BOTTOM HOLE

DRILLING UNIT  
BOUNDARY LINE



DATE SURVEYED: SEPT. 23, 2021  
SURVEYED BY: SY  
DRAWN: SEPT. 28, 2021  
DRAWN: L.C.S.  
SCALE: 1" = 1200'

SHEET NO.  
**1H**

**WELL LOCATION PLAT**  
**WELL: GRIZZLY RIDGE 15/16-22/21-C4-1H**  
WELL PAD LOCATION: NW 1/4 OF THE NW 1/4 SECTION 23,  
T.3S, R.4W, U.S.B.&M. DUCHESNE COUNTY, UTAH