# T5S, R64W, 6th P.M.

## BISON EXPLORATION

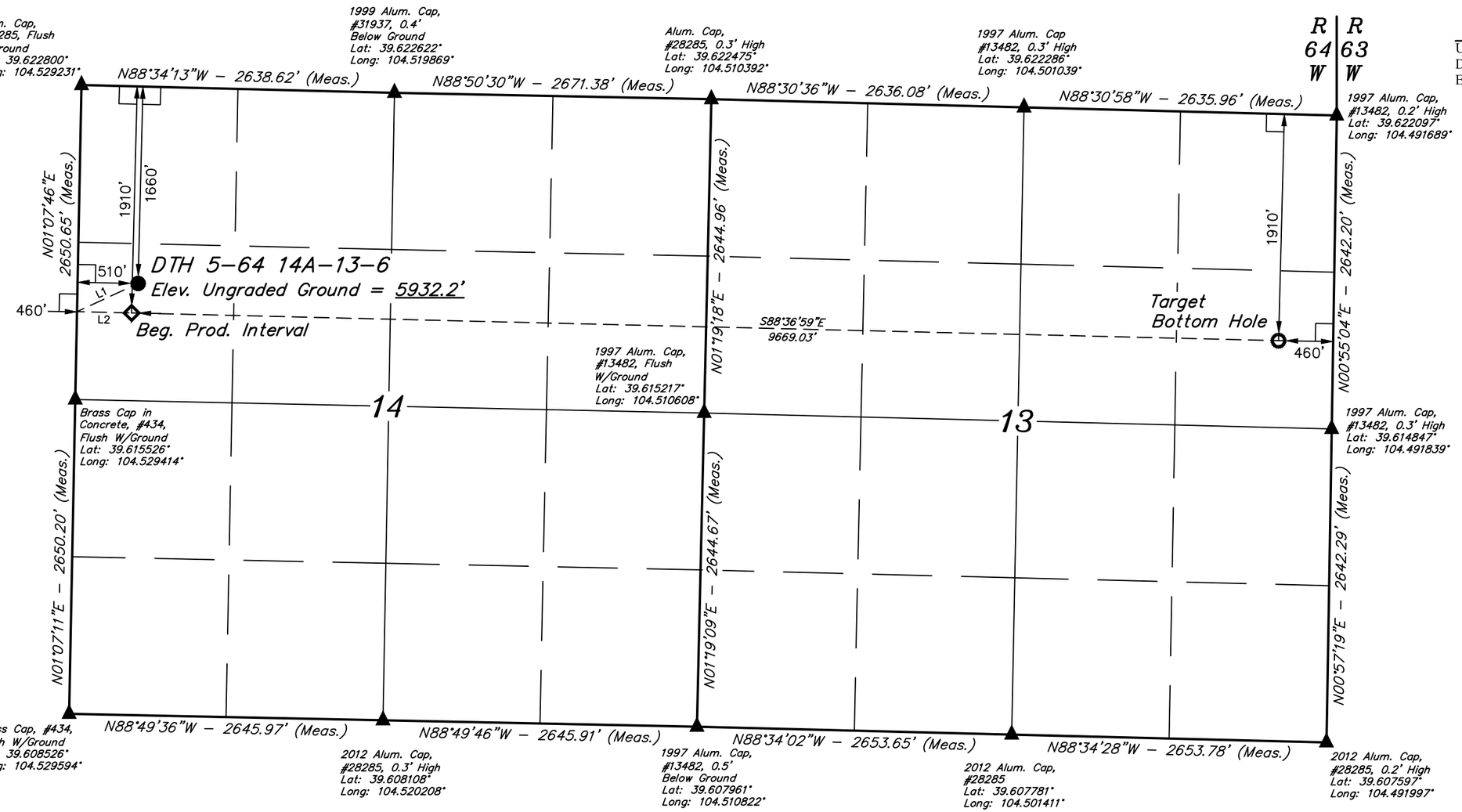
**DTH 5-64 14A-13-6**
**SW 1/4 NW 1/4, SECTION 14, T5S, R64W, 6th P.M.**
**ARAPAHOE COUNTY, COLORADO**

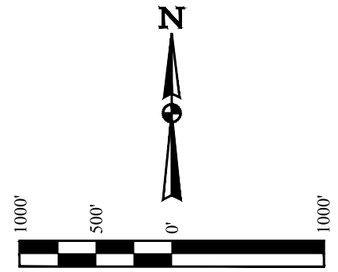
**BASIS OF BEARINGS**

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

**BASIS OF ELEVATION**

USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION "K 374". NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 6054.61 FEET.




| LINE TABLE | | |
|---|---|---|
| LINE | DIRECTION | LENGTH |
| L1 | S65°13'57"W | 566.92' |
| L2 | S88°36'59"E | 460.00' |

**PDOP = 1.5**

| SURFACE LOCATION 1660' FNL 510' FWL | BEG. PROD. INTERVAL 1910' FNL 460' FWL | TARGET BOTTOM HOLE 1910' FNL 460' FEL |
|---|---|---|
| **NAD 83 (SURFACE LOCATION)** | **NAD 83 (BEG. PROD. INTERVAL)** | **NAD 83 (TARGET BOTTOM HOLE)** |
| LATITUDE = 39°37'05.56" (39.618211) | LATITUDE = 39°37'03.10" (39.617528) | LATITUDE = 39°37'00.80" (39.616889) |
| LONGITUDE = 104°31'39.13" (104.527536) | LONGITUDE = 104°31'39.83" (104.527731) | LONGITUDE = 104°29'36.35" (104.493431) |
| **NAD 27 (SURFACE LOCATION)** | **NAD 27 (BEG. PROD. INTERVAL)** | **NAD 27 (TARGET BOTTOM HOLE)** |
| LATITUDE = 39°37'05.60" (39.618222) | LATITUDE = 39°37'03.15" (39.617542) | LATITUDE = 39°37'00.85" (39.616903) |
| LONGITUDE = 104°31'37.25" (104.527014) | LONGITUDE = 104°31'37.96" (104.527211) | LONGITUDE = 104°29'34.47" (104.492908) |
| **STATE PLANE NAD 83 (CO. CENTRAL)** | **STATE PLANE NAD 83 (CO. CENTRAL)** | **STATE PLANE NAD 83 (CO. CENTRAL)** |
| N: 1651527.60 E: 3273947.93 | N: 1651278.48 E: 3273895.78 | N: 1651151.25 E: 3283561.02 |
| **STATE PLANE NAD 27 (CO. CENTRAL)** | **STATE PLANE NAD 27 (CO. CENTRAL)** | **STATE PLANE NAD 27 (CO. CENTRAL)** |
| N: 651521.09 E: 2274101.85 | N: 651271.97 E: 2274049.70 | N: 651144.93 E: 2283714.90 |

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELLHEAD.
- ◇ = BEG. PROD. INTERVAL.
- ○ = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED. (NAD 83)

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.

COLORADO REGISTERED PROFESSIONAL LAND SURVEYOR 28285 07-06-17

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

07-06-17

REV: 4 06-27-17 D.COX (SL, BPI & BHL CHANGE)


UINTAH ENGINEERING & LAND SURVEYING

**UELS, LLC**
**Corporate Office * 85 South 200 East**
**Vernal, UT 84078 * (435) 789-1017**


| | | | |
|---|---|---|---|
| **SURVEYED BY** | CHAD MEIERS, C.T. | 06-21-17 | **SCALE** |
| **DRAWN BY** | C.C. | 06-26-17 | 1" = 1000' |

**WELL LOCATION PLAT**