T5S, R64W, 6th P.M.

BISON EXPLORATION

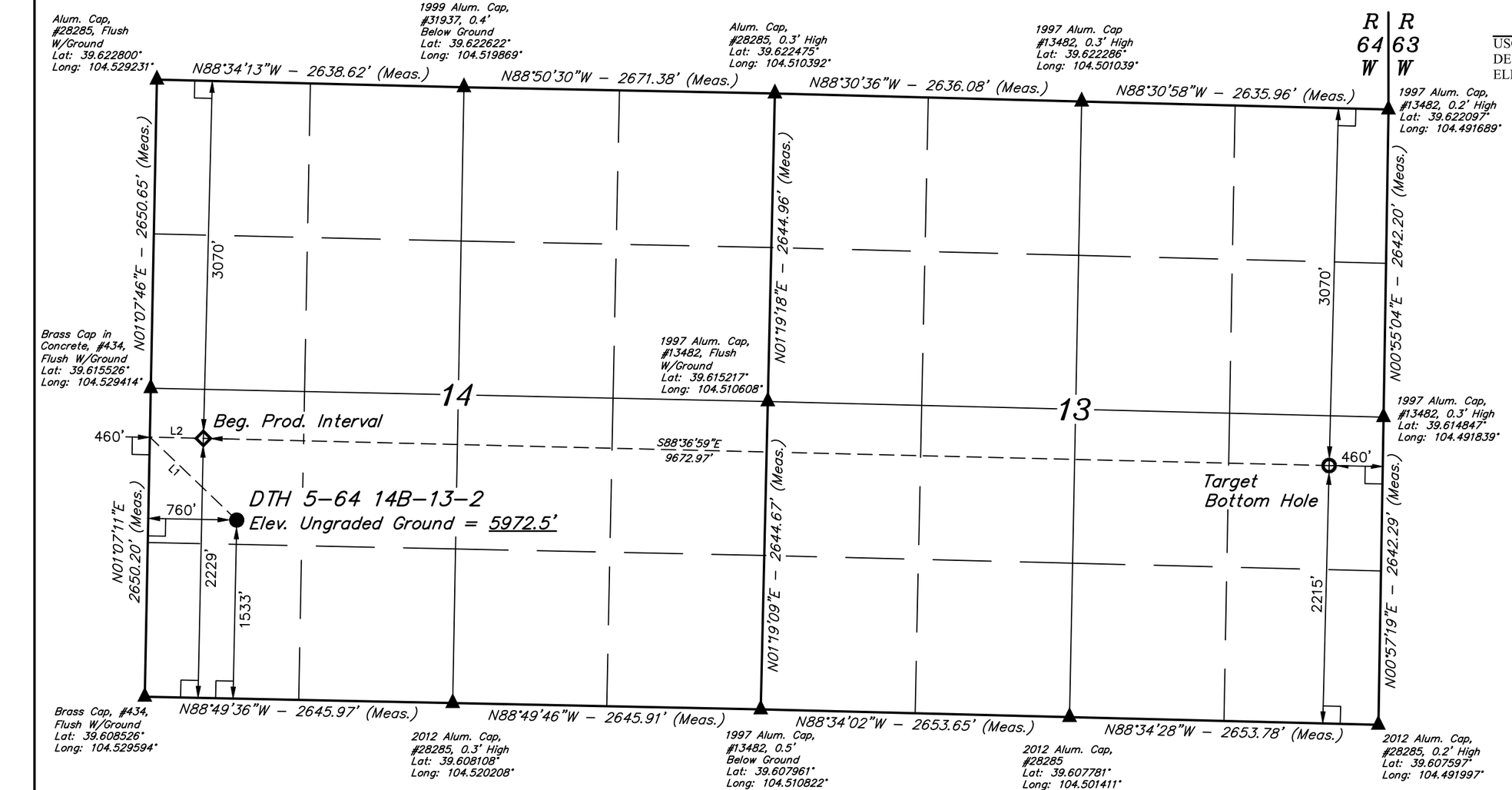
DTH 5-64 14B-13-2
NW 1/4 SW 1/4, SECTION 14, T5S, R64W, 6th P.M.
ARAPAHOE COUNTY, COLORADO

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	N46°18'30"W	1032.07'
L2	S88°36'59"E	460.00'

PDOP = 1.3

SURFACE LOCATION 1533' FSL 760' FWL	BEG. PROD. INTERVAL 3070' FNL 2229' FSL 460' FWL	TARGET BOTTOM HOLE 3070' FNL 2215' FSL 460' FEL
NAD 83 (SURFACE LOCATION)	**NAD 83 (BEG. PROD. INTERVAL)**	**NAD 83 (TARGET BOTTOM HOLE)**
LATITUDE = 39°36'44.71" (39.612419)	LATITUDE = 39°36'51.64" (39.614344)	LATITUDE = 39°36'49.34" (39.613706)
LONGITUDE = 104°31'36.46" (104.526794)	LONGITUDE = 104°31'40.12" (104.527811)	LONGITUDE = 104°29'36.59" (104.493497)
NAD 27 (SURFACE LOCATION)	**NAD 27 (BEG. PROD. INTERVAL)**	**NAD 27 (TARGET BOTTOM HOLE)**
LATITUDE = 39°36'44.76" (39.612433)	LATITUDE = 39°36'51.69" (39.614358)	LATITUDE = 39°36'49.39" (39.613719)
LONGITUDE = 104°31'34.58" (104.526272)	LONGITUDE = 104°31'38.24" (104.527289)	LONGITUDE = 104°29'34.71" (104.492975)
STATE PLANE NAD 83 (CO. CENTRAL)	**STATE PLANE NAD 83 (CO. CENTRAL)**	**STATE PLANE NAD 83 (CO. CENTRAL)**
N: 1649420.44 E: 3274179.72	N: 1650118.86 E: 3273885.73	N: 1649991.57 E: 3283554.91
STATE PLANE NAD 27 (CO. CENTRAL)	**STATE PLANE NAD 27 (CO. CENTRAL)**	**STATE PLANE NAD 27 (CO. CENTRAL)**
N: 649413.97 E: 2274333.67	N: 650112.37 E: 2274039.67	N: 649985.26 E: 2283708.80

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

COLORADO REGISTERED PROFESSIONAL LAND SURVEYOR

07-06-17

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