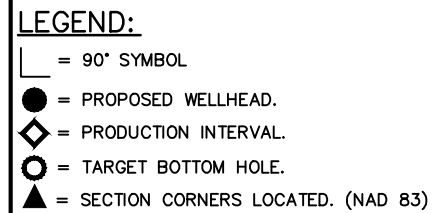


BISON EXPLORATION

HOULIHAN 4-64 22A 21-3
SE 1/4 NE 1/4, SECTION 22, T4S, R64W, 6th P.M.
ARAPAHOE COUNTY, COLORADO

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

[illegible]

SURFACE LOCATION 1814' FNL 1005' FEL	BEG. PROD. INTERVAL 1040' FNL 460' FEL	TARGET BOTTOM HOLE 1040' FNL 460' FWL
NAD 83 (SURFACE LOCATION)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 39°41'25.10" (39.690306)	LATITUDE = 39°41'32.67" (39.692408)	LATITUDE = 39°41'34.06" (39.692794)
LONGITUDE = 104°31'52.34" (104.531206)	LONGITUDE = 104°31'45.28" (104.529244)	LONGITUDE = 104°33'48.27" (104.563408)
NAD 27 (SURFACE LOCATION)	NAD 27 (BEG. PROD. INTERVAL)	NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 39°41'25.15" (39.690319)	LATITUDE = 39°41'32.72" (39.692422)	LATITUDE = 39°41'34.11" (39.692808)
LONGITUDE = 104°31'50.47" (104.530686)	LONGITUDE = 104°31'43.41" (104.528725)	LONGITUDE = 104°33'46.39" (104.562886)
STATE PLANE NAD 83 (CO. CENTRAL)	STATE PLANE NAD 83 (CO. CENTRAL)	STATE PLANE NAD 83 (CO. CENTRAL)
N: 1677776.74 E: 3272634.14	N: 1678548.52 E: 3273177.97	N: 1678587.76 E: 3263563.06
STATE PLANE NAD 27 (CO. CENTRAL)	STATE PLANE NAD 27 (CO. CENTRAL)	STATE PLANE NAD 27 (CO. CENTRAL)
N: 677679.74 E: 2272787.61	N: 678541.52 E: 2273331.43	N: 678580.61 E: 2263716.59


PDOP = 1.4

THIS IS TO CERTIFY THAT THE ABOVE MAP 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.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

03-14-17

REV: 1 03-14-17 J.J. (SURFACE HOLE MOVE)



UINTECH
ENGINEERING & LAND SURVEYING

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

SURVEYED BY	NIGEL POLL, G.W.	02-13-17	SCALE
DRAWN BY	J.J.	02-16-17	1" = 1000'

WELL LOCATION PLAT