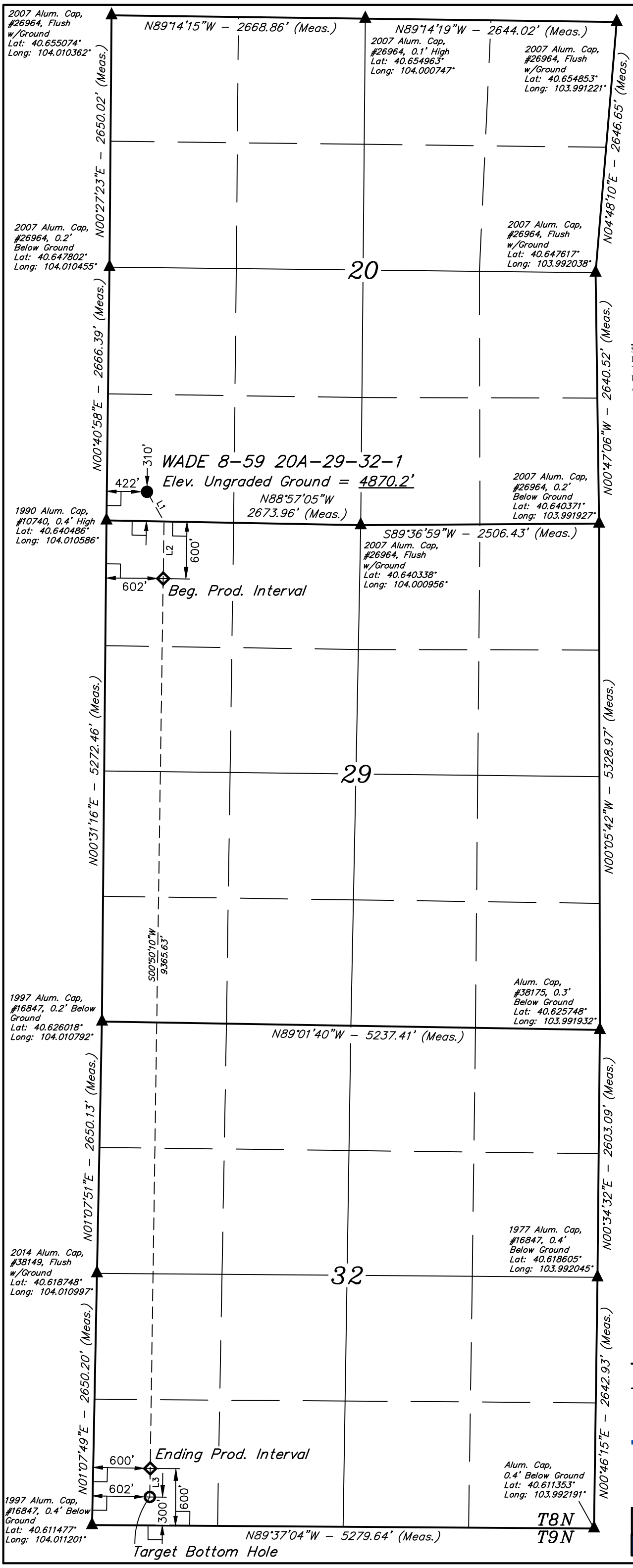
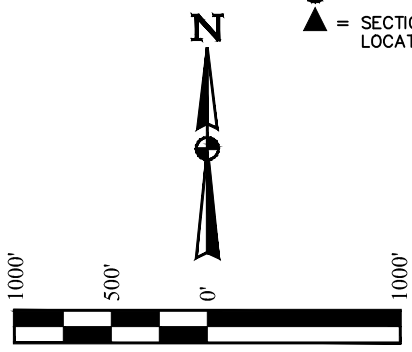
T8N, R59W, 6th P.M.



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = PRODUCTION INTERVAL.
- = TARGET BOTTOM HOLE.
- = SECTION CORNERS LOCATED. (NAD 83)



BASIS OF BEARINGS

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

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 2, T9N, R61W, 6th P.M., TAKEN FROM THE GROVER SOUTH, QUADRANGLE, COLORADO, WELD COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5043 FEET.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S29°45'48"E	360.92'
L2	S00°50'10"W	599.99'
L3	S00°50'10"W	300.01'

PDOP = 1.4

SURFACE LOCATION 310' FSL 422' FWL
NAD 83 (SURFACE LOCATION)
LATITUDE = 40°38'28.73" (40.641313)
LONGITUDE = 104°00'32.58" (104.009051)
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°38'28.77" (40.641326)
LONGITUDE = 104°00'30.77" (104.008546)
STATE PLANE NAD 83 (CO. NORTH)
N: 1479950.93 E: 3413747.10
STATE PLANE NAD 27 (CO. NORTH)
N: 479949.50 E: 2413898.22
BEG. PROD. INTERVAL 600' FNL 602' FWL
NAD 83 (BEG. PROD. INTERVAL)
LATITUDE = 40°38'19.70" (40.638806)
LONGITUDE = 104°00'30.39" (104.008443)
NAD 27 (BEG. PROD. INTERVAL)
LATITUDE = 40°38'19.75" (40.638819)
LONGITUDE = 104°00'28.58" (104.007938)
STATE PLANE NAD 83 (CO. NORTH)
N: 1479040.60 E: 3413931.19
STATE PLANE NAD 27 (CO. NORTH)
N: 479039.18 E: 2414082.34
ENDING PROD. INTERVAL 600' FSL 600' FWL
NAD 83 (ENDING PROD. INTERVAL)
LATITUDE = 40°36'47.19" (40.613109)
LONGITUDE = 104°00'32.38" (104.008994)
NAD 27 (ENDING PROD. INTERVAL)
LATITUDE = 40°36'47.24" (40.613122)
LONGITUDE = 104°00'30.56" (104.008489)
STATE PLANE NAD 83 (CO. NORTH)
N: 1469677.43 E: 3413935.57
STATE PLANE NAD 27 (CO. NORTH)
N: 469676.18 E: 2414086.85
TARGET BOTTOM HOLE 300' FSL 602' FWL
NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°36'44.23" (40.612286)
LONGITUDE = 104°00'32.44" (104.009012)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°36'44.27" (40.612298)
LONGITUDE = 104°00'30.62" (104.008507)
STATE PLANE NAD 83 (CO. NORTH)
N: 1469377.50 E: 3413935.71
STATE PLANE NAD 27 (CO. NORTH)
N: 469376.26 E: 2414087.00

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 JAMES R. FRESHWATER 38200

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

12-07-17

REV: 1 12-07-17 J.J. (BPI, EPI & TBH CHANGE)

BISON OIL & GAS II

WADE 8-59 20A-29-32-1
SW 1/4 SW 1/4, SECTION 20, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO

UINTAH ENGINEERING & LAND SURVEYING

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

SURVEYED BY	JAMES FRESHWATER, G.B.	10-31-17	**SCALE**
DRAWN BY	D.COX	11-08-17	1" = 1000'

WELL LOCATION PLAT