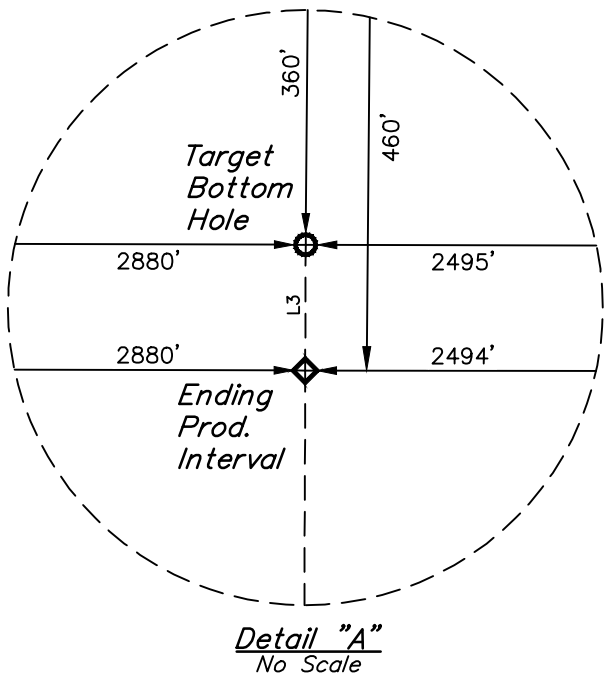
T5N, R61W, 6th P.M.

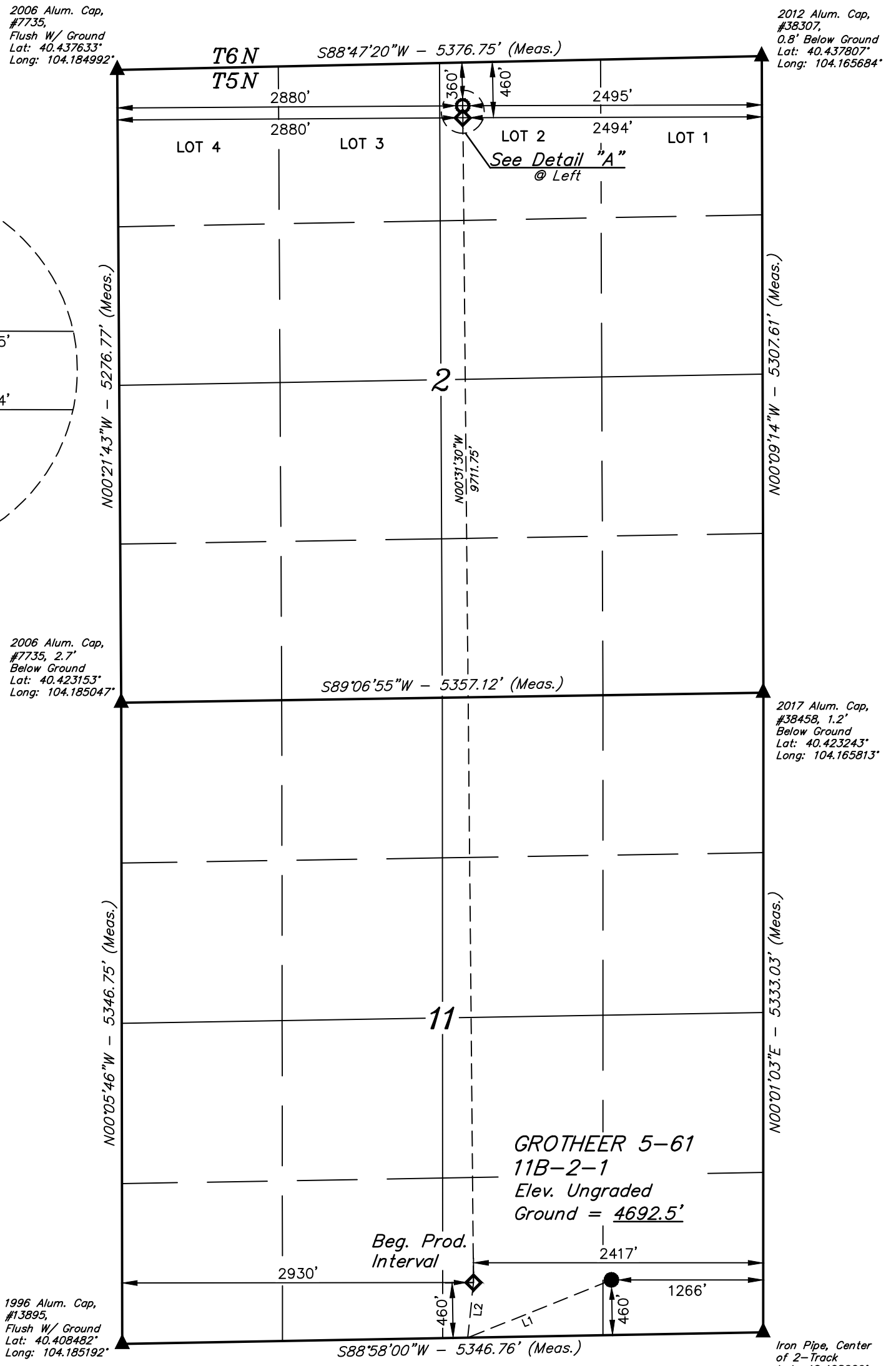
LEGEND:

- ● = PROPOSED WELLHEAD.
- ◎ = TARGET BOTTOM HOLE.
- ◇ = PRODUCTION INTERVAL.
- ▲ = SECTION CORNERS LOCATED. (NAD 83)

NOTE:
Distances referenced on plat to section lines are perpendicular.



Detail "A"
No Scale



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S68°06'59"W	1292.36'
L2	N05°58'46"E	463.47'
L3	N00°21'43"W	100.01'

PDOP = 1.4

SURFACE LOCATION 460' FSL 1266' FEL
NAD 83 (SURFACE LOCATION)
LATITUDE = 40°24'35.43" (40.409842°)
LONGITUDE = 104°10'13.90" (104.170528°)
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°24'35.49" (40.409859°)
LONGITUDE = 104°10'12.08" (104.170022°)
STATE PLANE NAD 83 (CO. NORTH)
N: 1394921.00' E: 3370204.18'
STATE PLANE NAD 27 (CO. NORTH)
N: 394922.30' E: 2370354.78'

1000' 500' 0' 1000'

BEG. PROD. INTERVAL 460' FSL 2930' FWL 2417' FEL	ENDING PROD. INTERVAL 460' FNL 2880' FWL 2494' FEL	TARGET BOTTOM HOLE 360' FNL 2880' FWL 2495' FEL
NAD 83 (BEG. PROD. INTERVAL)	**NAD 83 (ENDING PROD. INTERVAL)**	**NAD 83 (TARGET BOTTOM HOLE)**
LATITUDE = 40°24'35.33" (40.409815°)	LATITUDE = 40°26'11.27" (40.436465°)	LATITUDE = 40°26'12.26" (40.436739°)
LONGITUDE = 104°10'28.78" (104.174660°)	LONGITUDE = 104°10'28.75" (104.174654°)	LONGITUDE = 104°10'28.75" (104.174653°)
NAD 27 (BEG. PROD. INTERVAL)	**NAD 27 (ENDING PROD. INTERVAL)**	**NAD 27 (TARGET BOTTOM HOLE)**
LATITUDE = 40°24'35.39" (40.409832°)	LATITUDE = 40°26'11.33" (40.436481°)	LATITUDE = 40°26'12.32" (40.436755°)
LONGITUDE = 104°10'26.95" (104.174154°)	LONGITUDE = 104°10'26.93" (104.174148°)	LONGITUDE = 104°10'26.93" (104.174147°)
STATE PLANE NAD 83 (CO. NORTH)	**STATE PLANE NAD 83 (CO. NORTH)**	**STATE PLANE NAD 83 (CO. NORTH)**
N: 1394893.81' E: 3369053.74'	N: 1404601.31' E: 3368910.38'	N: 1404701.28' E: 3368909.19'
STATE PLANE NAD 27 (CO. NORTH)	**STATE PLANE NAD 27 (CO. NORTH)**	**STATE PLANE NAD 27 (CO. NORTH)**
N: 394895.12' E: 2369204.30'	N: 404602.29' E: 2369060.89'	N: 404702.25' E: 2369059.70'

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

02-27-19

REV: 1 02-27-19 C.IVIE (SL & BPI MOVE)

BASIS OF BEARINGS
TRANSVERSE MERCATOR PROJECTION WITH A CENTRAL MERIDIAN OF W105°00'00".

BASIS OF ELEVATION
OPUS SOLUTION GENERATED NAVD 88

UINTAH ENGINEERING & LAND SURVEYING

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

N

BISON OIL & GAS II

GROTHEER 5-61 11B-2-1
SE 1/4 SE 1/4, SECTION 11, T5N, R61W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY	RYAN WILLIAMS, O.R.	02-18-19	SCALE
DRAWN BY	K.B.	02-19-19	1" = 1000'

WELL LOCATION PLAT