

LEGEND:

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- Diagram illustrating the vertical alignment of a Target Bottom Hole and a BTM Perf (Bottom Target Marking) relative to a 1/4 Section Line.
- The diagram shows a vertical centerline and a horizontal line representing the 1/4 Section Line.
 - The Target Bottom Hole is located 370' below the 1/4 Section Line.
 - The BTM Perf is located 470' below the 1/4 Section Line.
 - The horizontal distance from the centerline to both the Target Bottom Hole and the BTM Perf is 2355'.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°05'23"W	100.00'



NAD 83 (SURFACE LOCATION)	NAD 83 (ENTRY POINT)	NAD 83 (BTM PERF)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 39°57'10.28" (39.952856)	LATITUDE = 39°57'02.21" (39.950613)	LATITUDE = 39°58'14.82" (39.970782)	LATITUDE = 39°58'15.80" (39.971056)
LONGITUDE = 104°53'08.45" (104.885680)	LONGITUDE = 104°52'33.00" (104.875834)	LONGITUDE = 104°52'33.32" (104.875922)	LONGITUDE = 104°52'33.32" (104.875922)
NAD 27 (SURFACE LOCATION)	NAD 27 (ENTRY POINT)	NAD 27 (BTM PERF)	NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 39°57'10.34" (39.952871)	LATITUDE = 39°57'02.26" (39.950628)	LATITUDE = 39°58'14.87" (39.970798)	LATITUDE = 39°58'15.86" (39.971072)
LONGITUDE = 104°53'06.53" (104.885148)	LONGITUDE = 104°52'31.09" (104.875303)	LONGITUDE = 104°52'31.41" (104.875391)	LONGITUDE = 104°52'31.41" (104.875391)

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

BASIS OF ELEVATION

BENCHMARK JR 53 5026 LOCATED IN THE SW 1/4 SE 1/4 OF SECTION 18, T1N, R68W, 6th P.M., TAKEN FROM 1988 PUBLISHED DATUM BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY AS BEING 5028 FEET.

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



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE AND FORESAID PREPARED MAP AND NOTES OF ACTUAL SURVEYS MADE TO MEET UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature] 28285

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

18

REV: 1 07-27-18 B.L.B.. (RELOCATE WELL HEADS, EP & TBH, ADDED BTM PERF

GREAT WESTERN OPERATING COMPANY

GUS LD 15-029HN
SE 1/4 NE 1/4, SECTION 21, T1S, R67W, 6th P.M.
ADAMS COUNTY, COLORADO

SURVEYED BY	GREG WEIMER, D.D.	06-12-18	SCALE
DRAWN BY	K.B.	01-23-17	1" = 1000'

WELL LOCATION PLAT