

GREAT WESTERN OIL & GAS COMPANY

Well location, TAILHOLT FD #11-378HC, located as shown in the NW 1/4 NW 1/4 of Section 11, T6N, R67W, 6th P.M., Weld County, Colorado.

BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION,
DESIGNATION 'VERMILYEA'. NGS DATA SHEET LISTS THE
NAVD 88 ELEVATION AS BEING 5026 FEET

BASIS OF BEARINGS

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

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S35°15'04"E	267.01'

LEGEND:

- L 90° SYMBOL
 ● PROPOSED WELL HEAD.
 ◇ PROPOSED ENTRY POINT.
 ○ PROPOSED TARGET
 BOTTOM HOLE.
 ▲ SECTION CORNERS
 LOCATED.



SCALE



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE DATA 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. 17492
STATE OF COLORADO

REVISÉ: 09-10-13
REVISÉ: 05-24-13

UTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

PDOP = 1.9

SCALE 1" = 1000'	DATE SURVEYED: 07-24-12	DATE DRAWN: 07-26-12
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NAD 83 (SURFACE LOCATION)
LATITUDE = 40°30'29.93" (40.508314)
LONGITUDE = 104°52'05.03" (104.868064)

REFERENCES
G.L.O. PLAT

PARTY	D.N.	G.W.	J.W.

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°30'29.93" (40.508314)
LONGITUDE = 104°52'05.03" (104.868064)

NAD 83 (TARGET BOTTOM HOLE)
 LATITUDE = 40°29'43.80" (40.495500)
 LONGITUDE = 104°52'03.15" (104.867542)

AD 83 (ENTRY POINT)
LATITUDE = 40°30'27.76" (40.507711)
LONGITUDE = 104°52'03.06" (104.867517)

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°29'43.80" (40.498000)
LONGITUDE = 104°52'03.15" (104.868083)

NAD 27 (SURFACE LOCATION)
LATITUDE = 40°30'30.00" (40.508333)
LONGITUDE = 104°52'03.13" (104.867536)

AD 27 (ENTRY POINT)

ALTITUDE = 40°30'27.83" (40.507731)

LONGITUDE = 104°52'01.16" (104.866989)

NAD 27 (TARGET BOTTOM HOLE)
 LATITUDE = 40°29'43.87" (40.495519)
 LONGITUDE = 104°52'01.25" (104.867014)

NAD 27 (TARGET BOTTOM HOLE)
 LATITUDE = 40°29'43.87" (40.4983°)
 LONGITUDE = 104°52'01.25" (104.8672°)

NAD 27 (SURFACE LOCATION)
LATITUDE = 40°30'30.00" (40.508333)
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