

LEGEND:

- = 90° SYMBOL  
● = PROPOSED WELLHEAD.  
○ = TARGET BOTTOM HOLE.  
◆ = LANDING POINT.  
▲ = SECTION CORNERS LOCATED. (NAD 83)

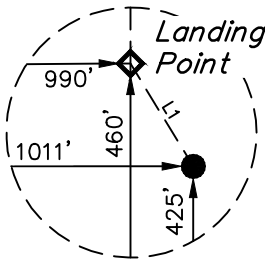
2010 Alum. Cap,  
#22561, 0.5'  
Below Ground In  
Monument Box  
Lat: 39.972308°  
Long: 104.808781°  
SP NAD 83  
(CO. NORTH)  
N: 1233514.52  
E: 3193724.34  
SP NAD 27  
(CO. NORTH)  
N: 233517.21  
E: 2193877.34

2006 Alum. Cap,  
#27269, 0.6'  
Below Ground  
Lat: 39.965053°  
Long: 104.808825°  
SP NAD 83  
(CO. NORTH)  
N: 1230871.04  
E: 3193732.32  
SP NAD 27  
(CO. NORTH)  
N: 230873.74  
E: 2193885.35

1997 Alum. Cap,  
#23027, 0.6'  
Below Ground  
Lat: 39.957797°  
Long: 104.808867°  
SP NAD 83  
(CO. NORTH)  
N: 1228228.94  
E: 3193741.07  
SP NAD 27  
(CO. NORTH)  
N: 228231.64  
E: 2193894.12

2007 Alum. Cap,  
#25645, Flush  
With Ground  
Lat: 39.950569°  
Long: 104.808844°  
SP NAD 83  
(CO. NORTH)  
N: 1225595.59  
E: 3193768.03  
SP NAD 27  
(CO. NORTH)  
N: 225598.30  
E: 2193921.11

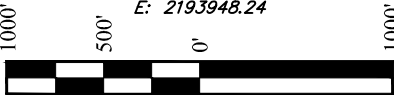
Detail "A"  
No Scale



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N31°28'31"W	41.03'

2001 Alum. Cap,  
#24942, 0.9'  
Below Ground  
Lat: 39.943339°  
Long: 104.808822°  
SP NAD 83  
(CO. NORTH)  
N: 1222962.45  
E: 3193795.13  
SP NAD 27  
(CO. NORTH)  
N: 222965.17  
E: 2193948.24

PDOP = 1.8



NAD 83 (SURFACE LOCATION)	NAD 83 (LANDING POINT)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 39°56'40.20" (39.944500)	LATITUDE = 39°56'40.54" (39.944594)	LATITUDE = 39°58'15.75" (39.971042)
LONGITUDE = 104°48'18.79" (104.805219)	LONGITUDE = 104°48'19.06" (104.805294)	LONGITUDE = 104°48'18.92" (104.805256)
NAD 27 (SURFACE LOCATION)	NAD 27 (LANDING POINT)	NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 39°56'40.25" (39.944514)	LATITUDE = 39°56'40.60" (39.944611)	LATITUDE = 39°58'15.81" (39.971058)
LONGITUDE = 104°48'16.89" (104.804692)	LONGITUDE = 104°48'17.16" (104.804767)	LONGITUDE = 104°48'17.02" (104.804728)
STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)
N: 1223392.42 E: 3194801.72	N: 1223427.29 E: 3194780.13	N: 1233061.26 E: 3194715.44
STATE PLANE NAD 27 (CO. NORTH)	STATE PLANE NAD 27 (CO. NORTH)	STATE PLANE NAD 27 (CO. NORTH)
N: 223395.15 E: 2194954.82	N: 223430.02 E: 2194933.22	N: 233063.96 E: 2194868.43

BASIS OF BEARINGS

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

BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION,  
DESIGNATION "JR 53 5026". NGS DATA SHEET LISTS THE NAVD 88  
ELEVATION AS BEING 5028 FEET.



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



T1S, R66W, 6th P.M.

1989 Alum. Cap,  
#23519, 0.5'  
Below Ground In  
Monument Box  
Lat: 39.972325°  
Long: 104.789844°  
SP NAD 83  
(CO. NORTH)  
N: 1233562.53  
E: 3199031.36  
SP NAD 27  
(CO. NORTH)  
N: 233565.27  
E: 2199184.27

2016 Alum. Cap,  
#28285  
Lat: 39.965081°  
Long: 104.789856°  
SP NAD 83  
(CO. NORTH)  
N: 1230923.44  
E: 3199049.64  
SP NAD 27  
(CO. NORTH)  
N: 230926.18  
E: 2199202.58

2007 Alum. Cap,  
#30099, 0.6'  
Below Ground  
Lat: 39.957831°  
Long: 104.789869°  
SP NAD 83  
(CO. NORTH)  
N: 1228282.60  
E: 3199066.17  
SP NAD 27  
(CO. NORTH)  
N: 228285.35  
E: 2199219.14

2006 Alum. Cap,  
#30099, 0.3'  
Below Ground  
Lat: 39.950564°  
Long: 104.789883°  
SP NAD 83  
(CO. NORTH)  
N: 1225635.52  
E: 3199083.62  
SP NAD 27  
(CO. NORTH)  
N: 225638.28  
E: 2199236.62

1997 Alum. Cap,  
#23519, 0.6'  
Below Ground  
Lat: 39.943333°  
Long: 104.789897°  
SP NAD 83  
(CO. NORTH)  
N: 1223001.41  
E: 3199100.65  
SP NAD 27  
(CO. NORTH)  
N: 223004.18  
E: 2199253.68

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE AND 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.



WARD PETROLEUM CORPORATION

BRIGHTON LAKES #2017-3-19HN  
SW 1/4 SW 1/4, SECTION 20, T1S, R66W, 6th P.M.  
ADAMS COUNTY, COLORADO

SURVEYED BY	DALLAS NIELSEN, N.P.	12-12-16	SCALE
DRAWN BY	K.B.	12-20-16	1" = 1000'

WELL LOCATION PLAT