

R
65
W

T2N, R64W, 6th P.M.

Alum. Cap
0.5' Below Ground
LS 23520
Lat: 40.102328°
Long: 104.584228°

GREAT WESTERN OIL & GAS COMPANY

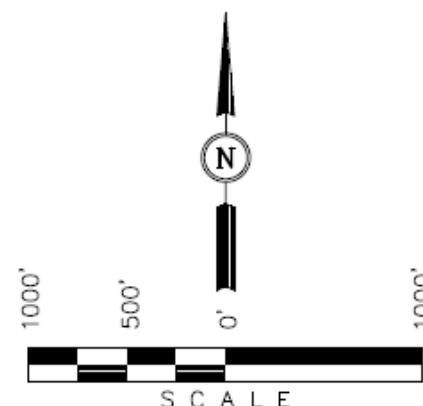
Well location, LAND JG #31-36D, located as shown in LOT 2 of Section 31, T2N, R64W, 6th P.M., Weld County, Colorado.

BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION 'HUDSON CC' NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 4999 FEET.

BASIS OF BEARINGS

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



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 1999
STATE OF COLORADO
OF 98-26-12

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

PDOP = 1.8

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°05'15.24" (40.087567)	LATITUDE = 40°05'17.16" (40.088100)
LONGITUDE = 104°35'38.11" (104.593919)	LONGITUDE = 104°35'57.67" (104.599353)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°05'15.30" (40.087583)	LATITUDE = 40°05'17.22" (40.088117)
LONGITUDE = 104°35'36.25" (104.593403)	LONGITUDE = 104°35'55.81" (104.598836)

N00°03'45"E - 2691.88' (Meas.)

N00°07'03"E - 2692.98' (Meas.)

Alum. Cap
0.2' Below Ground
LS 25937
Lat: 40.087417°
Long: 104.602675°

Alum. Cap
0.9' Below Ground
LS 25937
Lat: 40.102197°
Long: 104.602636°

LOT 1

Alum. Cap
0.6' Below Ground
LS 13155
Lat: 40.102261°
Long: 104.593664°

NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR
EXISTING IMPROVEMENTS WITHIN 400'
OF THE PROPOSED DISTURBANCE.

Alum. Cap
0.7' Below Ground
LS 33642
Lat: 40.094908°
Long: 104.593792°

31

Alum. Cap
0.5' Below Ground
LS 23520, in Mon. Box
Lat: 40.095014°
Long: 104.584339°

T2N
T1N

N00°43'41"E - 2674.65' (Meas.)

N00°38'30"E - 2664.42' (Meas.)

N00°38'17"E - 2654.20' (Meas.)

S89°26'19"W - 2509.68' (Meas.)

S89°26'30"W - 2640.46' (Meas.)

S89°07'51"W - 2478.79' (Meas.)

S89°07'33"W - 2644.80' (Meas.)

1988 Alum. Cap
0.5' Below Ground
Lat: 40.094808°
Long: 104.602653°

LOT 2

LAND JG #31-36D
Elev. Ungraded
Ground = 4933'

Target Bottom Hole
0' FSL
2451' FWL
2650' FEL

S88°41'15"W
2450.68' (Meas.)

S88°41'11"W - 2649.62' (Meas.)

Alum. Cap
1.5' Below Ground
LS 25937
Lat: 40.087567°
Long: 104.593919°

Alum. Cap
0.7' Below Ground
LS 23520 in Mon. Box
Lat: 40.087728°
Long: 104.584453°

229'

929'

S82°44'16"E
1532.82'