

T2N, R64W, 6th P.M.

GREAT WESTERN OIL & GAS COMPANY

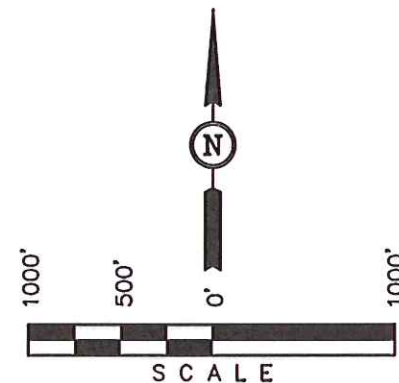
Well location, LAND JG #31-24D, located as shown in LOT 2 of Section 31, T2N, R64W, 6th P.M., Weld County, Colorado.

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. 17492
STATE OF COLORADO

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-18-12	DATE DRAWN: 10-22-12
PARTY Z.B. A.G. J.W.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE GREAT WESTERN OIL & GAS COMPANY	

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

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

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

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

R
65
W

S89°26'19"W - 2509.68' (Meas.)

S89°26'30"W - 2640.46' (Meas.)

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

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

LOT 1

S89°07'51"W - 2478.79' (Meas.)

S89°07'33"W - 2644.80' (Meas.)

1988 Alum. Cop
0.5' Below Ground
LS 40.094808°
Long: 104.602653°

31

LAND JG #31-24D
Elev. Ungraded
Ground = 4933'

LOT 2

Target
Bottom
Hole

1795'

929'

N63°02'39"E
972.92'

248'

S88°41'15"W
2450.68' (Meas.)

S88°41'11"W - 2649.62' (Meas.)

T2N
T1N

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

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

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

LEGEND:

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

PDOP = 1.8

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°05'21.71" (40.089364)	LATITUDE = 40°05'17.36" (40.088156)
LONGITUDE = 104°35'46.51" (104.596253)	LONGITUDE = 104°35'57.67" (104.599353)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°05'21.77" (40.089381)	LATITUDE = 40°05'17.42" (40.088172)
LONGITUDE = 104°35'44.65" (104.595736)	LONGITUDE = 104°35'55.81" (104.598836)