

# T7N, R63W, 6th P.M.

**R 1998 Alum. Cap.**  
**R #12374**  
 0.3' Below Ground  
 Lat: 40.537288°  
 Long: 104.489192°  
**W 1998 Alum. Cap.**  
**W #12374, 0.4' High**  
 Lat: 40.537486°  
 Long: 104.479750°  
**W 1998 Alum. Cap.**  
**W #12374**  
 0.5' Below Ground  
 Lat: 40.537517°  
 Long: 104.470350°

**GREAT WESTERN OIL & GAS COMPANY**  
 Well location, SPAUR BROTHERS EH 31-339HC,  
 located as shown in the SE 1/4 SE 1/4 of  
 Section 31, T7N, R63W, 6th P.M., Weld County,  
 Colorado.

## BASIS OF ELEVATION

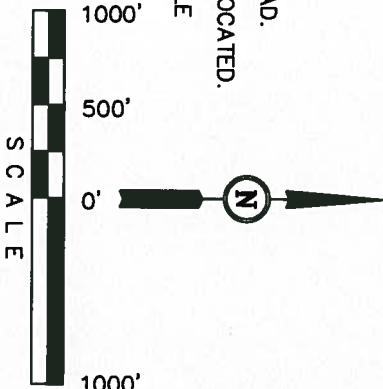
USGS COOPERATIVE BASE NETWORK CONTROL STATION,  
 DESIGNATION 'M414', NGS DATA SHEET LISTS THE  
 NAVD 88 ELEVATION AS BEING 4600.58 FEET

## BASIS OF BEARINGS

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

## LEGEND:

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



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLATS, PREPARED FROM  
 FIELD NOTES OF ACTUAL SURVEYS MADE BY AND FOR UNDER MY  
 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
 BEST OF MY KNOWLEDGE AND BELIEF.

REVISED: 10-28-13 H.K.W.  
 REVISED: 09-12-13 H.K.W.  
 REVISED: 06-12-13 J.W.  
 REVISED: 02-06-13 A.D.

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 14992  
 STATE OF COLORADO 98-28-13

## UNTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'

DATE SURVEYED: 01-07-13 DATE DRAWN: 01-09-13

PARTY Z.B. D.N. H.K.W. REFERENCES G.L.O. PLAT

WEATHER COLD FILE GREAT WESTERN OIL & GAS COMPANY

N01°23'03"W - 2674.33' (Meas.)  
 N89°08'21"E - 2560.76' (Meas.)  
 N00°01'33"W - 2704.41' (Meas.)  
 N89°08'12"E - 2621.51' (Meas.)  
 N00°12'01"W - 2673.92' (Meas.)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N24°19'21"W	609.97'

N00°57'35"W - 2641.38' (Meas.)  
 N00°01'44"W - 2654.60' (Meas.)  
 N89°26'02"E  
 N89°33'59"E

Entry Point  
 SPAUR BROTHERS  
 EH 31-339HC  
 Elev. Ungraded  
 Ground = 4736'

1994 Alum. Cap.  
 #12374, 1.2' Below  
 Ground in Monument Box  
 Lat: 40.522700°  
 Long: 104.488778°

2009 Alum. Cap.  
 #23520, 0.4' Below  
 Ground in Monument Box  
 Lat: 40.522775°  
 Long: 104.479722°

2009 Alum. Cap. #23520,  
 0.4' Below Ground in  
 Monument Box  
 Lat: 40.522836°  
 Long: 104.470272°

PDOP = 1.4

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (ENTRY POINT)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°31'30.37" (40.525103)	LATITUDE = 40°31'30.87" (40.525242)	LATITUDE = 40°31'25.38" (40.523717)
LONGITUDE = 104°29'13.72" (104.487144)	LONGITUDE = 104°28'18.98" (104.479339)	LONGITUDE = 104°28'15.72" (104.471033)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (ENTRY POINT)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°31'30.44" (40.525122)	LATITUDE = 40°31'30.94" (40.525261)	LATITUDE = 40°31'25.45" (40.523736)
LONGITUDE = 104°29'11.88" (104.486633)	LONGITUDE = 104°28'17.14" (104.471428)	LONGITUDE = 104°28'13.88" (104.470522)