

T6N, R67W, 6th P.M.

GREAT WESTERN OIL & GAS COMPANY

Well location, RAINDANCE FD #19-14D (TARGET BOTTOM HOLE), located as shown on the Northwest Corner of the NE 1/4 SE 1/4 of Section 19, 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.

2000 Alum. Cap, 0.2' Below Ground, Found in Monument Box
Lat: 40.479408°
Long: 104.926422°

S88°55'24"W - 4927.58' (Meas.)

2012 Alum. Cap Found in Monument Box
Lat: 40.479247°
Long: 104.944131°

N00°29'40"W - 2639.77' (Meas.)

RAINDANCE FD #19-14D
Target Bottom Hole

1998 Alum. Cap, Found in Range Box
Lat: 40.472003°
Long: 104.944114°

19

Private Alum. Cap
PLS #22098
Lat: 40.472142°
Long: 104.930900°

NOTE:
THE PROPOSED BOTTOM HOLE BEARS N18°15'10"W 3439.12' FROM THE PROPOSED WELL HEAD WHICH IS LOCATED IN THE NE 1/4 NE 1/4 OF SECTION 30, T6N, R67W, 6th P.M. AT 667 FNL 184' FEL.

1998 Alum. Cap, 0.4' Below Ground, Found in Monument Box at Rd. Intersection
Lat: 40.472189°
Long: 104.926438°

S88°48'54"W
1244.64' (Meas.)

1244'

N00°19'08"W - 2630.97' (Meas.)

N00°09'39"W - 2623.55' (Meas.)

N18°15'10"W
3439.12'

1995, Alum. Cap, 0.3' Below Ground, P.L.S. #22098
Lat: 40.464889°
Long: 104.935444°

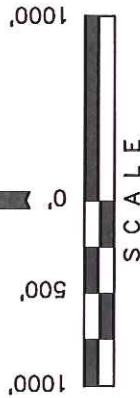
2011 Alum. Cap, 0.2' High, P.L.S. #22098
Lat: 40.464942°
Long: 104.935950°

S88°41'13"W
1251.78' (Meas.)

S88°39'47"W
1251.68' (Meas.)

25.00' True Position

Surface Location



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.

WC 1987 Alum. Cap 0.3' Above Ground, Alum. Pipe
Lat: 40.465067°
Long: 104.926453°

REGISTERED LAND SURVEYOR
REGISTRATION NO. 172492
STATE OF COLORADO
98-19-12

REVISED: 10-19-12

UNTAEH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-28-12	DATE DRAWN: 10-02-12
PARTY L.S. G.W. J.W.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE GREAT WESTERN OIL & GAS COMPANY	

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground.)

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°28'19.71" (40.472142)
LONGITUDE = 104°55'51.27" (104.930908)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°28'19.77" (40.472158)
LONGITUDE = 104°55'49.36" (104.930378)