

T8N, R59W, 6th P.M.

BISON OIL & GAS II

BIG MOUNTAIN VIPER 8-59 16-17-18-5  
NW 1/4 SW 1/4, SECTION 16, T8N, R59W, 6th P.M.  
WELD COUNTY, COLORADO

BASIS OF ELEVATION  
OPUS SOLUTION GENERATED NAVD 88

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N79°08'03"W	646.53'
L2	N89°43'29"W	300.00'
L3	N89°36'45"W	60.00'

2010 Alum. Cap,  
#37897, 0.1' High  
Lat: 40.669768°  
Long: 104.010049°

2012 Alum. Cap,  
#37920,  
Flush W/ Ground  
Lat: 40.669727°  
Long: 104.000512°

2012 Alum. Cap,  
#37897, 0.3' High  
Lat: 40.669686°  
Long: 103.990974°

2012 Alum. Cap,  
#28285, 0.3' High  
Lat: 40.669632°  
Long: 103.981489°

Section Corner  
Re-Established Using  
Reference Monuments  
(Not Set on Ground)  
Point in Cattle Guard  
Lat: 40.669577°  
Long: 103.972004°

2012 Alum. Cap,  
#28285, 0.4' High,  
N-S-E Fence Corner  
Lat: 40.662361°  
Long: 104.010207°

2012 Alum. Cap,  
#28285, 0.4' High  
Lat: 40.662112°  
Long: 103.991100°

2014 Alum. Cap,  
#22097, Flush W/  
Ground  
Lat: 40.654668°  
Long: 103.981964°

Section Corner  
Re-Established Using  
Reference Monuments  
(Not Set on Ground)  
Point in Cattle Guard  
Lat: 40.654700°  
Long: 103.972255°

BIG MOUNTAIN VIPER 8-59 16-17-18-5  
Elev. Ungraded Ground = 4875.9'

BASIS OF BEARINGS

CERTIFICATE OF REGISTRATION

THIS IS TO CERTIFY THAT THE ABOVE 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. 28285  
STATE OF COLORADO  
08-25-20

UINTAH  
ENGINEERING & LAND SURVEYING

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

SURVEYED BY	CHAD MEIERS, A.S.	01-10-20	SCALE
DRAWN BY	K.B.	03-19-19	1" = 1000'

WELL LOCATION PLAT

R  
60  
W

N00°27'37"E - 5304.84' (Meas.)

2008 Alum. Cap,  
#26964,  
Flush W/ Ground  
Lat: 40.655335°  
Long: 104.029572°

2012 Alum. Cap,  
#28285, 0.9' High  
Lat: 40.655203°  
Long: 104.019836°

2007 Alum. Cap,  
#26964, Flush  
W/ Ground  
Lat: 40.655073°  
Long: 104.010362°

2007 Alum. Cap,  
#26964, 0.1' High  
Lat: 40.654963°  
Long: 104.000747°

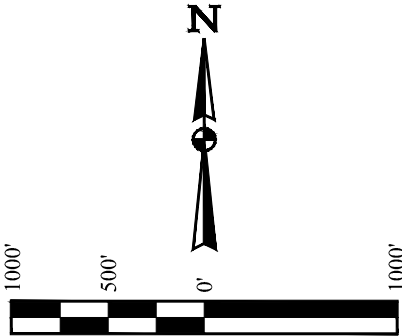
2007 Alum. Cap,  
#26964, Flush  
W/ Ground  
Lat: 40.654852°  
Long: 103.991221°

NOTE:

Distances referenced  
on plat to section lines  
are perpendicular.

LEGEND:

- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- ◇ = PRODUCTION INTERVAL.
- ▲ = SECTION CORNERS LOCATED. (NAD 83)
- △ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground.) (NAD 83)



PDOP = 1.5

REV: 3 08-25-20 C.IVIE (SURFACE LOCATION & LATERAL CHANGES)

SURFACE LOCATION 2355' FSL 635' FWL	BEG. PROD. INTERVAL 2935' FNL 2468' FSL 300' FEL	ENDING PROD. INTERVAL 2863' FNL 2468' FSL 2555' FEL	TARGET BOTTOM HOLE 2863' FNL 2468' FSL 2615' FEL
NAD 83 (SURFACE LOCATION)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°39'40.57" (40.661269°)	LATITUDE = 40°39'41.89" (40.661636°)	LATITUDE = 40°39'43.09" (40.661970°)	LATITUDE = 40°39'43.10" (40.661973°)
LONGITUDE = 103°59'19.77" (103.988825°)	LONGITUDE = 103°59'31.88" (103.992189°)	LONGITUDE = 104°01'09.92" (104.019422°)	LONGITUDE = 104°01'10.70" (104.019639°)
NAD 27 (SURFACE LOCATION)	NAD 27 (BEG. PROD. INTERVAL)	NAD 27 (ENDING PROD. INTERVAL)	NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°39'40.61" (40.661281°)	LATITUDE = 40°39'41.94" (40.661649°)	LATITUDE = 40°39'43.14" (40.661983°)	LATITUDE = 40°39'43.15" (40.661986°)
LONGITUDE = 103°59'17.95" (103.988321°)	LONGITUDE = 103°59'30.06" (103.991684°)	LONGITUDE = 104°01'08.10" (104.018918°)	LONGITUDE = 104°01'08.88" (104.019134°)
STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)
N: 1487315.09' E: 3419235.41'	N: 1487433.19' E: 3418300.12'	N: 1487427.61' E: 3410743.60'	N: 1487427.68' E: 3410683.62'
STATE PLANE NAD 27 (CO. NORTH)	STATE PLANE NAD 27 (CO. NORTH)	STATE PLANE NAD 27 (CO. NORTH)	STATE PLANE NAD 27 (CO. NORTH)
N: 487313.55' E: 2419386.57'	N: 487431.63' E: 2418451.26'	N: 487426.09' E: 2410894.52'	N: 487426.16' E: 2410834.54'