

T8N, R59W, 6th P.M.

BISON OIL & GAS II

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

BASIS OF BEARINGS

TRANSVERSE MERCATOR PROJECTION WITH
A CENTRAL MERIDIAN OF W105°00'00".

BASIS OF ELEVATION

OPUS SOLUTION GENERATED NAVD 88

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N26°53'07"W	1235.61'
L2	S89°43'41"W	300.01'
L3	S89°50'15"W	58.00'

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°

R
60
W

R
59
W

N00°27'37"E - 5304.84' (Meas.)

N00°03'53"E - 5422.25' (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°

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE SURVEY 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

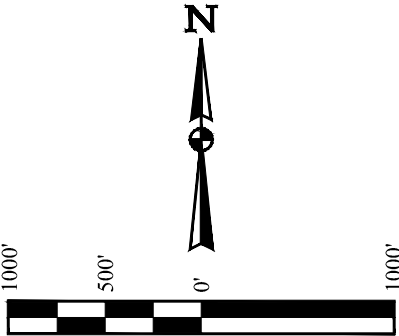
04-17-19

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 = 1.3

REV: 1 04-17-19 C.IVIE (NAME CHANGE)

SURFACE LOCATION 2298' FSL 560' FWL	BEG. PROD. INTERVAL 2014' FNL 300' FEL	ENDING PROD. INTERVAL 2014' FNL 2557' FEL	TARGET BOTTOM HOLE 2014' FNL 2615' FEL
NAD 83 (SURFACE LOCATION)	NAD 83 (BEG. PROD. INTERVAL)	NAD 83 (ENDING PROD. INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°39'40.02" (40.661118°)	LATITUDE = 40°39'50.99" (40.664165°)	LATITUDE = 40°39'51.48" (40.664301°)	LATITUDE = 40°39'51.49" (40.664302°)
LONGITUDE = 103°59'20.75" (103.989098°)	LONGITUDE = 103°59'31.73" (103.992147°)	LONGITUDE = 104°01'09.77" (104.019380°)	LONGITUDE = 104°01'10.52" (104.019589°)
NAD 27 (SURFACE LOCATION)	NAD 27 (BEG. PROD. INTERVAL)	NAD 27 (ENDING PROD. INTERVAL)	NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°39'40.07" (40.661130°)	LATITUDE = 40°39'51.04" (40.664177°)	LATITUDE = 40°39'51.53" (40.664313°)	LATITUDE = 40°39'51.53" (40.664315°)
LONGITUDE = 103°59'18.94" (103.988594°)	LONGITUDE = 103°59'29.91" (103.991642°)	LONGITUDE = 104°01'07.95" (104.018876°)	LONGITUDE = 104°01'08.70" (104.019085°)
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: 1487258.86' E: 3419160.62'	N: 1488354.35' E: 3418296.08'	N: 1488276.60' E: 3410741.10'	N: 1488276.11' E: 3410683.12'
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: 487257.32' E: 2419311.79'	N: 488352.78' E: 2418447.20'	N: 488275.07' E: 2410892.01'	N: 488274.58' E: 2410834.02'

UINTAH
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SURVEYED BY	CHAD MEIERS, O.R.	03-15-19	SCALE
DRAWN BY	K.B.	03-19-19	1" = 1000'

WELL LOCATION PLAT