T4S, R96W, 6th P.M.

LEGEND:

- = PROPOSED WELLHEAD.
- = TOP OF GAS INTERVAL.
- = TARGET BOTTOM HOLE.
- = SECTION CORNERS LOCATED. (NAD 83)

1971 Brass Cap, Flush W/Ground, E-W Fence
Lat: 39.709845°
Long: 108.144580°

N89°04'55"W – 2454.10' (Meas.)

Basis of Bearing
S89°47'19"W – 2644.03' (Meas.)

1953 Brass Cap, 1.0' High
Lat: 39.709730°
Long: 108.126464°

1971 Brass Cap, 0.5' High, Fence Corner, Pile of Stones
Lat: 39.709721°
Long: 108.135862°

S02°47'00"W – 2665.88' (Meas.)

N00°13'27"W – 2621.83' (Meas.)

Detail "A"
No Scale

Top of Gas Interval
1354'
L1

S69°59'55"W
88.85'

1272'

Target Bottom Hole

764'

1/16 Section Line

793'

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S37°44'10"W	1604.93'

1971 Brass Cap, 0.4' High
Lat: 39.702539°
Long: 108.145062°

14

1953 Brass Cap, 0.5' High, Pile of Stones
Lat: 39.702535°
Long: 108.126456°

N00°00'28"E
51.52' (Meas.)

1953 Brass Cap, 1.0' High, Pile of Stones
Lat: 39.702393°
Long: 108.126456°

2274'

FED 15B-14 496
Elev. Ungraded Ground = 7902.8'

S02°47'07"W – 2665.59' (Meas.)

N00°20'11"W
1259.40' (Meas.)

S37°44'10"W
1604.93'

S89°52'45"W
1319.36' (Meas.)

S89°49'31"W
1320.71' (Meas.)

1978 Brass Cap, 0.5' High
Lat: 39.698938°
Long: 108.126441°

1978 Brass Cap, 0.3' High, Pile of Stones
Lat: 39.698937°
Long: 108.135820°

1978 Brass Cap, 0.5' High, Pile of Stones
Lat: 39.698936°
Long: 108.131133°

2047'

N00°17'46"W
1313.24' (Meas.)

N00°14'38"W
1311.51' (Meas.)

N00°07'01"W
1308.34' (Meas.)

1953 Brass Cap, 0.6' High, Pile of Stones
Lat: 39.695347°
Long: 108.126444°

See Detail "A"
@ Above Right

RIO BLANCO CO.

N00°24'36"W
68.88' (Meas.)

1953 Brass Cap, 0.8' High, Pile of Stones
Lat: 39.695233°
Long: 108.145544°

N89°07'26"E
1370.45' (Meas.)

N89°05'03"E
1371.03' (Meas.)

N89°48'15"E
1318.16' (Meas.)

N89°41'16"E
1317.81' (Meas.)

NW Cor. Sec. 24
1953 Brass Cap, 0.2' High, Pile of Stones, Steel Post
Lat: 39.695158°
Long: 108.126422°

1978 Brass Cap, 0.5' High, Stones
Lat: 39.695283°
Long: 108.140678°

1953 Brass Cap, 1.1' High, Small Pile of Stones
Lat: 39.695333°
Long: 108.135808°

1953 Brass Cap, 1.1' High, Small Pile of Stones
Lat: 39.695337°
Long: 108.131125°

GARFIELD CO.

NOTE:

- Distances referenced on plat to section lines are perpendicular.

1000' 500' 0' 1000'

NAD 83 (SURFACE LOCATION)
LATITUDE = 39°42'03.37" (39.700937)
LONGITUDE = 108°08'13.49" (108.137081)
NAD 27 (SURFACE LOCATION)
LATITUDE = 39°42'03.46" (39.700961)
LONGITUDE = 108°08'11.20" (108.136445)
UTM NAD 27 (ZONE 12)
N: 14430021.09 E: 2445928.56

NAD 83 (TOP OF GAS INTERVAL)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 39°41'50.86" (39.697460)	LATITUDE = 39°41'50.56" (39.697377)
LONGITUDE = 108°08'26.09" (108.140581)	LONGITUDE = 108°08'27.16" (108.140878)
NAD 27 (TOP OF GAS INTERVAL)	**NAD 27 (TARGET BOTTOM HOLE)**
LATITUDE = 39°41'50.95" (39.697485)	LATITUDE = 39°41'50.65" (39.697402)
LONGITUDE = 108°08'23.80" (108.139945)	LONGITUDE = 108°08'24.87" (108.140242)
UTM NAD 27 (ZONE 12)	**UTM NAD 27 (ZONE 12)**
N: 14428723.54 E: 2444984.22	N: 14428690.71 E: 2444901.67

PDOP = 1.4

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 LOCATION HAS BEEN STAKED ON THE GROUND AS SHOWN ON THE PLAT AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

COLORADO LICENSED PROFESSIONAL LAND SURVEYOR

Harold Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO. 38180
STATE OF COLORADO

02-21-19

BASIS OF BEARINGS

BEARINGS ARE BASED ON THE ASSUMPTION THAT THE NORTH LINE OF THE NORTHEAST 1/4 OF SECTION 14 BEARS S89°47'19"W. MONUMENTS DESCRIBED HEREON.

BASIS OF ELEVATION

BENCH MARK (H79) LOCATED IN THE NE 1/4 OF SECTION 35, T4S, R98W, 6th P.M., TAKEN FROM THE BULL FORK QUADRANGLE, COLORADO, 7.5 MINUTE SERIES. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 8535 FEET.

N

UINTAH ENGINEERING & LAND SURVEYING

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

Caerus Oil & Gas LLC

FED 15B-14 496
NE 1/4 SW 1/4, SECTION 14, T4S, R96W, 6th P.M.
RIO BLANCO COUNTY, COLORADO

SURVEYED BY	DENNIS PETTY, J.L.	12-20-18	SCALE
DRAWN BY	M.D.	02-15-19	1" = 1000'

WELL LOCATION PLAT