S89°48'37"W – 2612.92' (Meas.)

S89°39'52"W – 2639.88' (Meas.)

1938 Brass Cap, 0.6' High Lat: 40.643950° Long: 106.406833°

1938 Brass Cap, 0.7' High, Pile of Stones Lat: 40.643972° Long: 106.397419°

1938 Brass Cap, 0.5' High, Pile of Stones Lat: 40.644014° Long: 106.387911°

N00°57'06"W – 2610.36' (Meas.)

N00°35'37"W – 2611.23' (Meas.)

1938 Brass Cap, 1.3' High, N–S Fence Lat: 40.636789° Long: 106.406675°

29

1938 Brass Cap, 0.6' High Lat: 40.636850° Long: 106.387817°

N00°57'05"W – 2601.38' (Meas.)

N01°56'25"W – 2631.22' (Meas.)

PATRIOT 0880 13–32H5

Elev. Ungraded Ground = 8086.1'

2149'

100'

N89°56'03"W 2637.03' (Meas.)

1938 Brass Cap, 0.3' High Lat: 40.629633° Long: 106.387497°

L1 L2

N89°56'34"W – 2645.32' (Meas.)

1938 Brass Cap, 0.6' High Lat: 40.629650° Long: 106.406519°

90'

600'

L3

990'

Kick Off Point

Landing Point

990'

N00°44'37"W – 2638.71' (Meas.)

N00°40'21"W – 2649.51' (Meas.)

2005 Alum. Cap, #24303,, 0.9' High Lat: 40.622411° Long: 106.406397°

32

1938 Brass Cap, 0.6' High, Fence Lat: 40.622366° Long: 106.387386°

N00°44'48"W – 2638.67' (Meas.)

N00°39'30"W – 2629.84' (Meas.)

1938 Brass Cap, 0.4' Below Ground, Steel Post Lat: 40.615172° Long: 106.406272°

2005 Alum. Cap, #24303, Flush W/Ground Lat: 40.615161° Long: 106.396775°

2008 Alum. Cap, #24303, Flush W/Ground Lat: 40.615150° Long: 106.387279°

T8N

T7N

N89°54'46"W – 2637.86' (Meas.)

N89°55'10"W – 2637.16' (Meas.)

N01°52'01"E – 2909.40' (Meas. To True)

LOT 4

LOT 3

LOT 2

S00°38'00"W 10183.41'

LOT 1

N01°42'45"E – 2793.63' (Meas.)

12.54' (G.L.O.)

True Position Lat: 40.607194° Long: 106.406614°

5

2008 Alum. Cap, 1.0' Below Ground Lat: 40.607489° Long: 106.387581°

W.C. 1938 Brass Cap, N–S Fence Lat: 40.607194° Long: 106.406658°

N01°54'16"E – 2894.96' (Meas. To True)

N01°45'11"E – 2767.08' (Meas.)

W.C. 1939 Brass Cap Lat: 40.599264° Long: 106.406744°

True Position Lat: 40.599256° Long: 106.406958°

1939 Brass Cap, 1.0' High, Steel Post Lat: 40.599572° Long: 106.397428°

Target Bottom Hole

1939 Brass Cap, 1.0' High, Set Stone Lat: 40.599900° Long: 106.387889°

100'

990'

59.40' (G.L.O.)

S87°29'45"W 2649.92' (Meas. To True)

S87°29'46"W 2590.52' (Meas. To W.C.)

S87°25'04"W 2653.18' (Meas.)

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = KICK OFF POINT.
- = LANDING POINT
- = TARGET BOTTOM HOLE.
- = SECTION CORNERS LOCATED. (NAD 83)

T8N, R80W, 6th P.M.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S79°34'10"W	492.25'
L2	S80°40'51"E	1179.58'
L3	S00°40'21"E	500.04'

N

1000' 500' 0' 1000'

BASIS OF BEARINGS

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

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 29, T7N, R80W, 6th P.M., TAKEN FROM THE COALMONT QUADRANGLE, COLORADO, JACKSON COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 8156 FEET.

PDOP = 1.3

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°37'47.60" (40.629888)
LONGITUDE = 106°23'42.90" (106.395250)
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°37'47.68" (40.629910)
LONGITUDE = 106°23'40.79" (106.394664)
STATE PLANE NAD 83 (CO. NORTH)
N: 1473564.63 E: 2751513.36
STATE PLANE NAD 27 (CO. NORTH)
N: 473562.61 E: 1751669.44

NAD 83 (KICK OFF POINT)
LATITUDE = 40°37'45.71" (40.629364)
LONGITUDE = 106°23'27.81" (106.391058)
NAD 27 (KICK OFF POINT)
LATITUDE = 40°37'45.79" (40.629386)
LONGITUDE = 106°23'25.70" (106.390472)
STATE PLANE NAD 83 (CO. NORTH)
N: 1473361.87 E: 2752674.89
STATE PLANE NAD 27 (CO. NORTH)
N: 473359.86 E: 1752830.96

NAD 83 (LANDING POINT)
LATITUDE = 40°37'40.77" (40.627992)
LONGITUDE = 106°23'27.73" (106.391037)
NAD 27 (LANDING POINT)
LATITUDE = 40°37'40.85" (40.628014)
LONGITUDE = 106°23'25.63" (106.390451)
STATE PLANE NAD 83 (CO. NORTH)
N: 1472862.04 E: 2752675.67
STATE PLANE NAD 27 (CO. NORTH)
N: 472860.02 E: 1752831.75

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°36'00.19" (40.600053)
LONGITUDE = 106°23'29.21" (106.391447)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°36'00.27" (40.600074)
LONGITUDE = 106°23'27.10" (106.390861)
STATE PLANE NAD 83 (CO. NORTH)
N: 1462685.12 E: 2752459.62
STATE PLANE NAD 27 (CO. NORTH)
N: 462683.06 E: 1752615.79

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.

COLORADO REGISTERED PROFESSIONAL LAND SURVEYOR PETER T. WILKUS 28285

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

10-04-18

REV: 1 10-03-18 T.L.L. (WELL NAME, LP & BHL CHANGES & ADD KOP)

SandRidge Exploration & Production, LLC

PATRIOT 0880 13-32H5
SW 1/4 SE 1/4, SECTION 29, T8N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO

UINTAH ENGINEERING & LAND SURVEYING

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

SURVEYED BY	JARED CHRISTOPHER, G.W.	04-10-17	SCALE
DRAWN BY	T.B.	04-19-17	1" = 1000'

WELL LOCATION PLAT