



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF EXISTING ACCESS

CAMERA ANGLE: NORTHERLY

SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO

TAKEN BY	C.M., D.S.	09-01-16	
DRAWN BY	C.D.L.	09-20-16	
LOCATION PHOTOS			PHOTO



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



PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: NORTHERLY

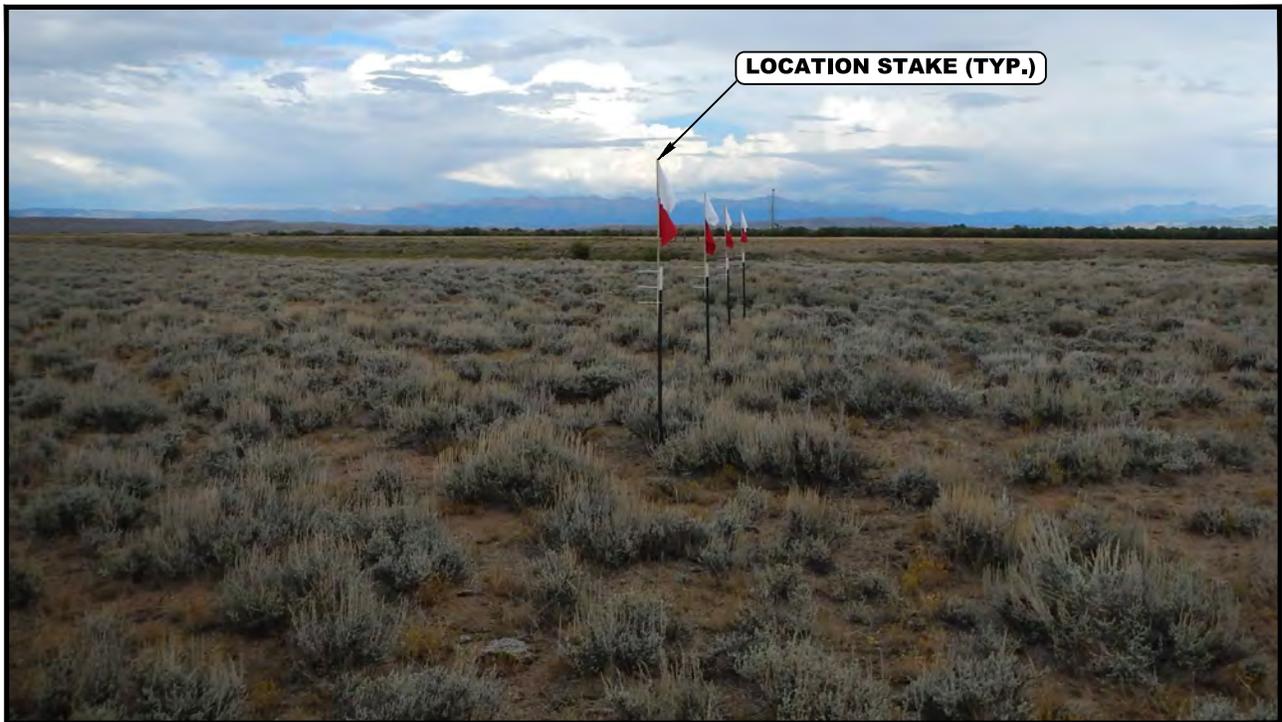


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: EASTERLY

SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO

TAKEN BY	C.M., D.S.	09-01-16	
DRAWN BY	C.D.L.	09-20-16	
LOCATION PHOTOS			PHOTO 2



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



PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: SOUTHERLY

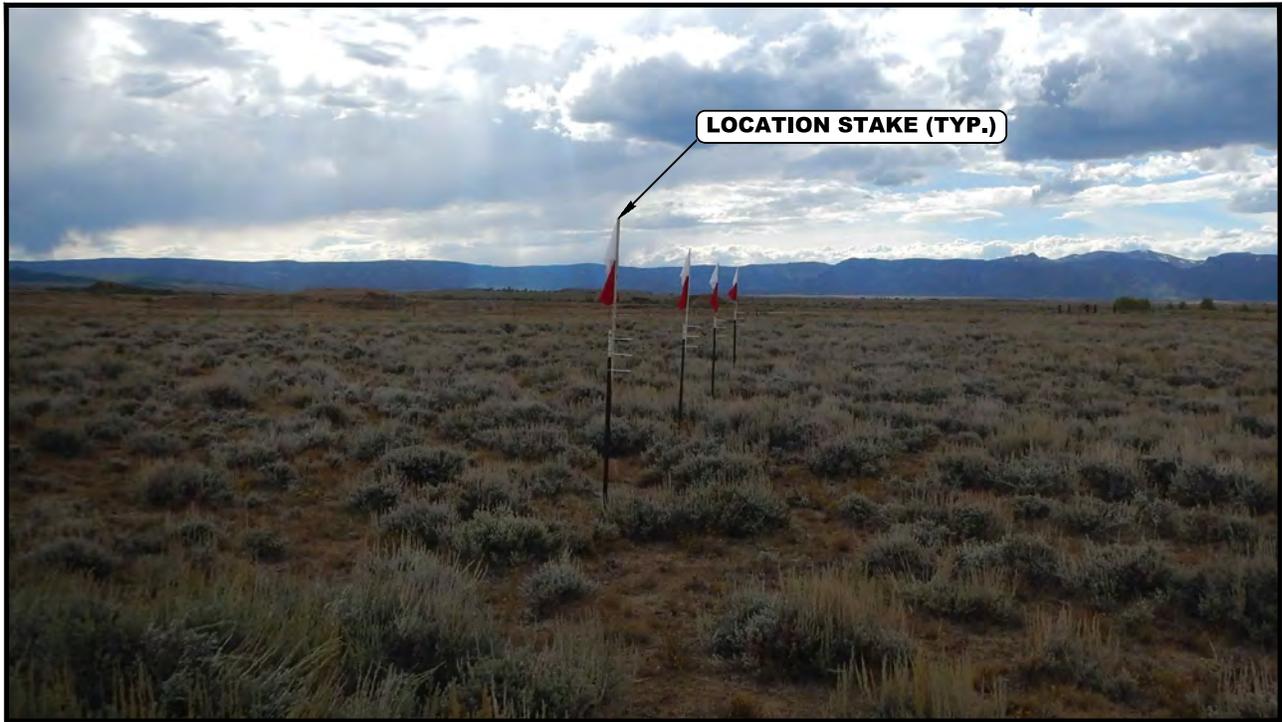


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: WESTERLY

SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO

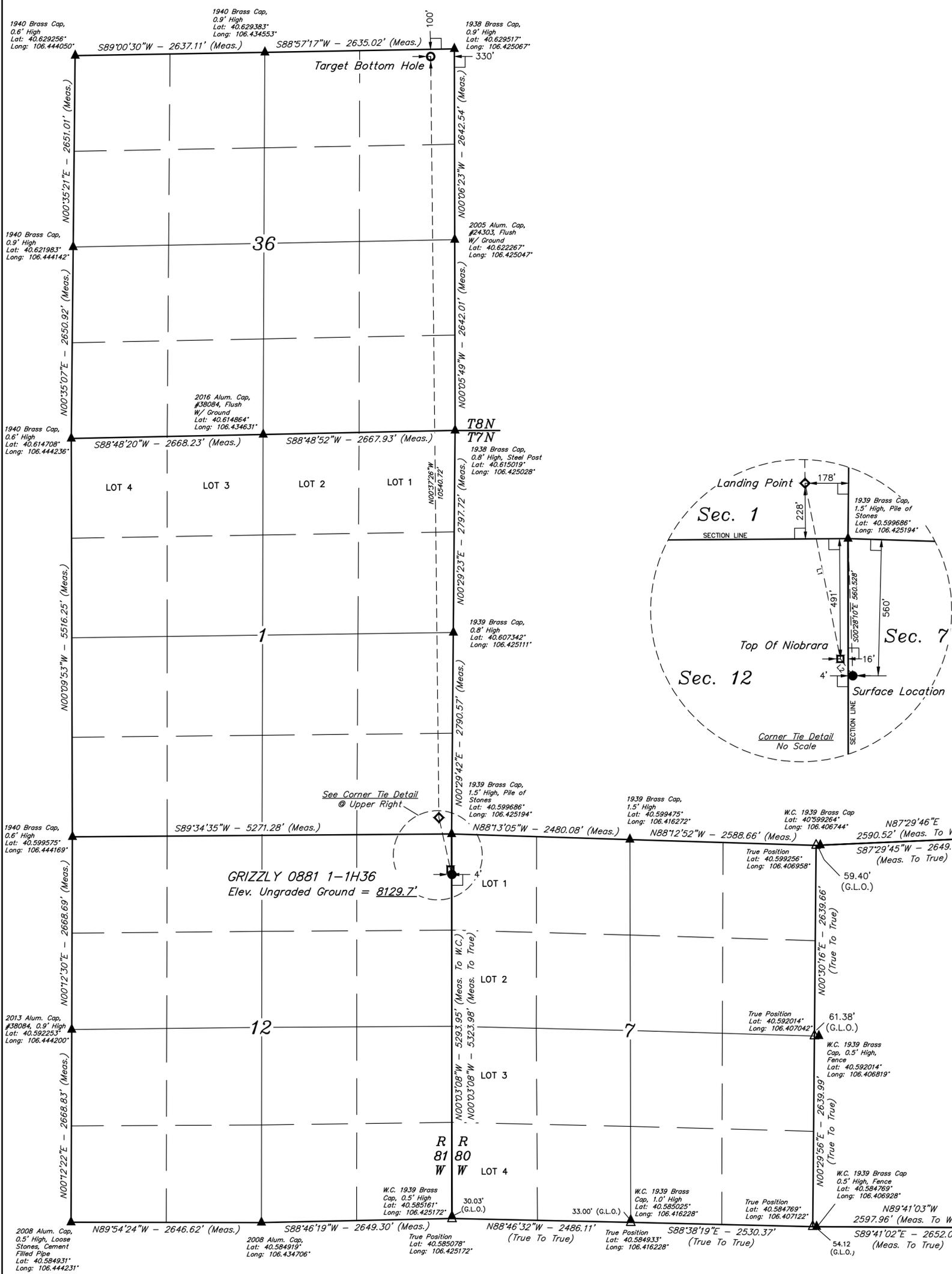
TAKEN BY	C.M., D.S.	09-01-16	
DRAWN BY	C.D.L.	09-20-16	
LOCATION PHOTOS			PHOTO 3



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

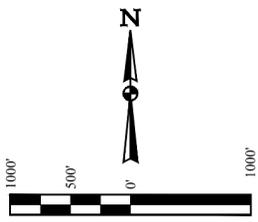
T7N, R80W, 6th P.M.

- LEGEND:**
- = 90° SYMBOL
 - = PROPOSED WELLHEAD
 - = TOP OF NIOBRARA
 - = LANDING POINT
 - = TARGET BOTTOM HOLE
 - ▲ = SECTION CORNERS LOCATED (NAD 83)
 - △ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground.) (NAD 83)



LINE TABLE

LINE	DIRECTION	LENGTH
L1	N12°38'19"W	735.83'
L2	N16°09'52"W	71.84'



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°35'53.33" (40.598147)
LONGITUDE	= 106°25'30.64" (106.425178)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°35'53.41" (40.598169)
LONGITUDE	= 106°25'28.53" (106.424592)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1462087.17 E: 2743086.13
STATE PLANE NAD 27 (CO. NORTH)	
N	: 462085.04 E: 1743242.38
NAD 83 (TOP OF NIOBRARA)	
LATITUDE	= 40°35'54.02" (40.598339)
LONGITUDE	= 106°25'30.90" (106.425250)
NAD 27 (TOP OF NIOBRARA)	
LATITUDE	= 40°35'54.09" (40.598358)
LONGITUDE	= 106°25'28.79" (106.424664)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1462156.34 E: 2743066.84
STATE PLANE NAD 27 (CO. NORTH)	
N	: 462154.22 E: 1743223.09
NAD 83 (LANDING POINT)	
LATITUDE	= 40°36'01.11" (40.600308)
LONGITUDE	= 106°25'32.99" (106.425831)
NAD 27 (LANDING POINT)	
LATITUDE	= 40°36'01.18" (40.600328)
LONGITUDE	= 106°25'30.88" (106.425244)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1462875.65 E: 2742913.21
STATE PLANE NAD 27 (CO. NORTH)	
N	: 462873.52 E: 1743069.46
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE	= 40°37'45.22" (40.629228)
LONGITUDE	= 106°25'34.51" (106.426253)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE	= 40°37'45.29" (40.629247)
LONGITUDE	= 106°25'32.40" (106.425667)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1473412.02 E: 2742905.67
STATE PLANE NAD 27 (CO. NORTH)	
N	: 473409.94 E: 1743061.83

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE ORIGINAL SURVEY PLAT AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Chad Meiers
REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO
NOV 16 2009

REV: 1 09-30-16 M.D. (ADD TOP OF NIOBRARA & LP)

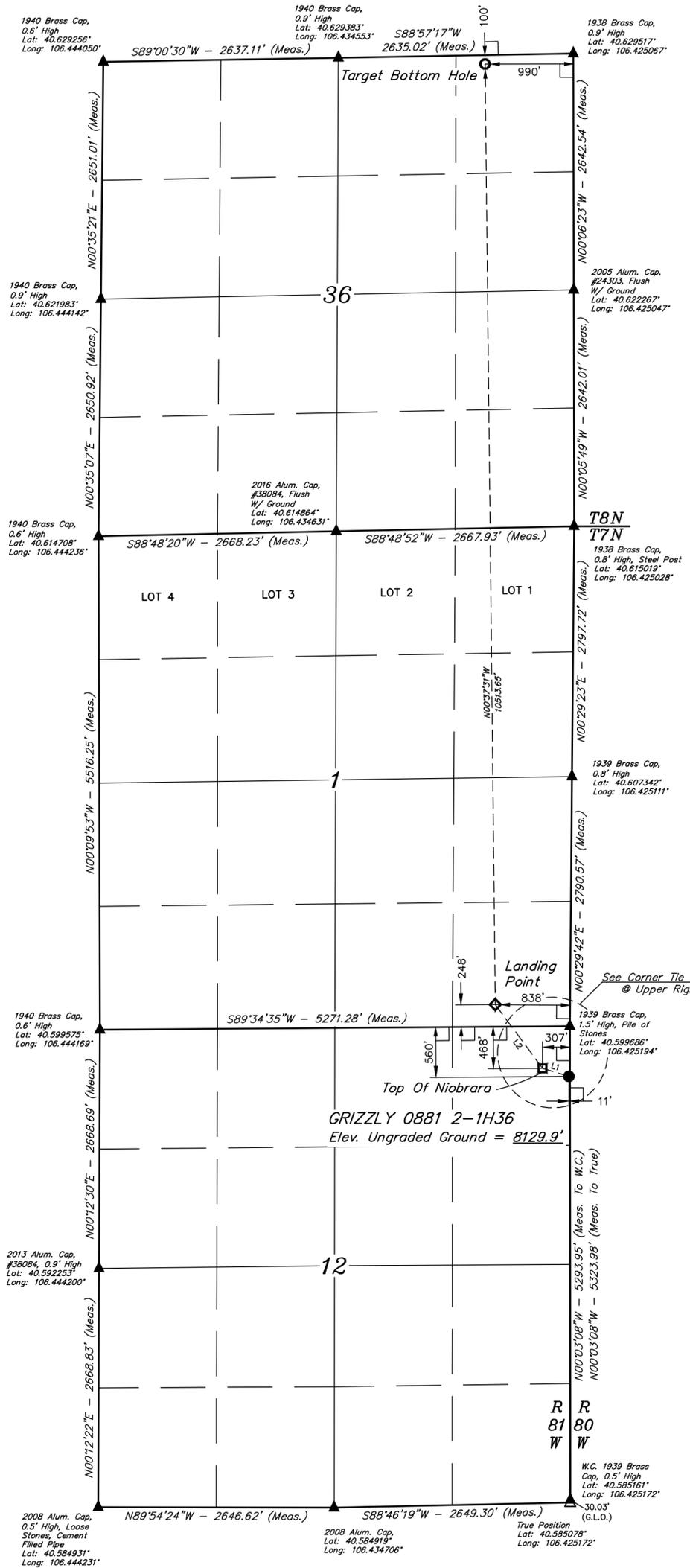
SandRidge Exploration & Production, LLC
GRIZZLY 0881 1-1H36
LOT 1, SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO

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

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 1000'

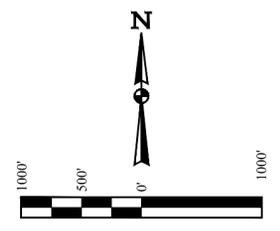
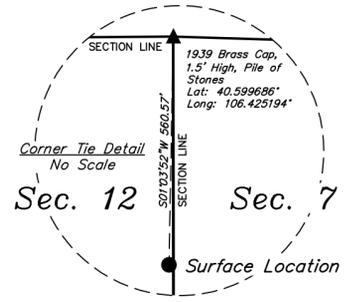
WELL LOCATION PLAT

- LEGEND:**
- = 90° SYMBOL
 - = PROPOSED WELLHEAD
 - ◻ = TOP OF NIOBRARA
 - ◇ = LANDING POINT
 - = TARGET BOTTOM HOLE
 - ▲ = SECTION CORNERS LOCATED (NAD 83)
 - △ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground.) (NAD 83)



LINE TABLE

LINE	DIRECTION	LENGTH
L1	N73°05'16"W	309.38'
L2	N36°39'48"W	887.61'



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 = 1.6

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°35'53.33" (40.598147)
LONGITUDE	= 106°25'30.84" (106.425233)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°35'53.41" (40.598169)
LONGITUDE	= 106°25'28.72" (106.424644)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1462087.35 E: 2743071.13
STATE PLANE NAD 27 (CO. NORTH)	
N	: 462085.23 E: 1743227.38
NAD 83 (TOP OF NIOBRARA)	
LATITUDE	= 40°35'54.22" (40.598394)
LONGITUDE	= 106°25'34.67" (106.426297)
NAD 27 (TOP OF NIOBRARA)	
LATITUDE	= 40°35'54.30" (40.598417)
LONGITUDE	= 106°25'32.56" (106.425711)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1462180.32 E: 2742776.18
STATE PLANE NAD 27 (CO. NORTH)	
N	: 462178.19 E: 1742932.44
NAD 83 (LANDING POINT)	
LATITUDE	= 40°36'01.25" (40.600347)
LONGITUDE	= 106°25'41.54" (106.428206)
NAD 27 (LANDING POINT)	
LATITUDE	= 40°36'01.33" (40.600369)
LONGITUDE	= 106°25'39.43" (106.427619)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1462897.38 E: 2742253.67
STATE PLANE NAD 27 (CO. NORTH)	
N	: 462895.25 E: 1742409.92
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE	= 40°37'45.10" (40.629194)
LONGITUDE	= 106°25'43.07" (106.428631)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE	= 40°37'45.17" (40.629214)
LONGITUDE	= 106°25'40.96" (106.428044)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1473406.69 E: 2742245.88
STATE PLANE NAD 27 (CO. NORTH)	
N	: 473404.61 E: 1742402.03

THIS IS TO CERTIFY THAT THE ABOVE INFORMATION IS A TRUE AND CORRECT COPY OF THE ORIGINAL SURVEY AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



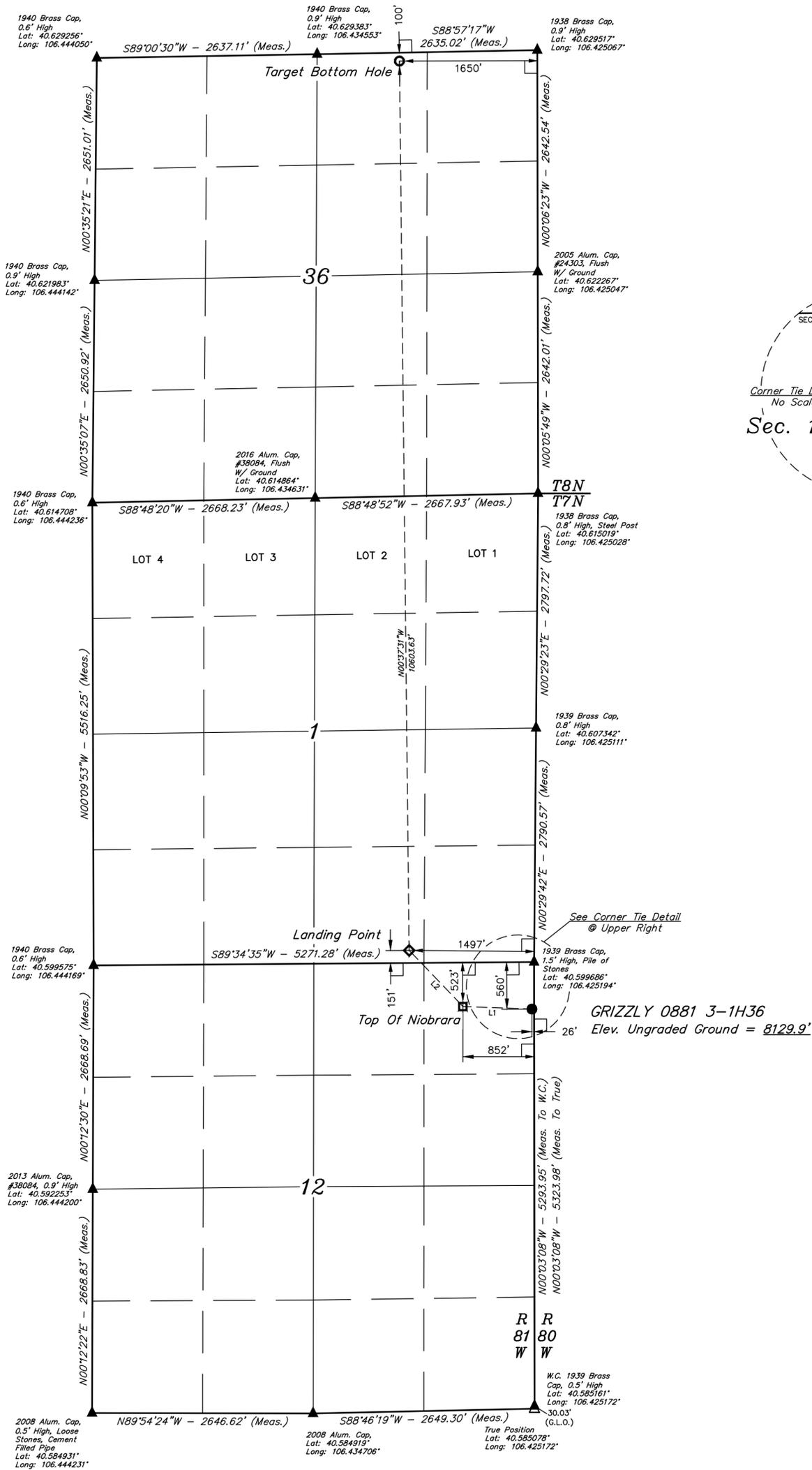
REV: 1 09-30-16 M.D. (ADD TOP OF NIOBRARA & LP)

SandRidge Exploration & Production, LLC
GRIZZLY 0881 2-1H36
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M.
JACKSON COUNTY, COLORADO

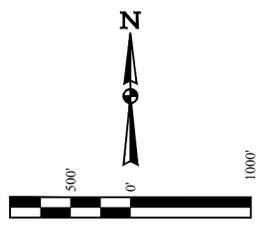
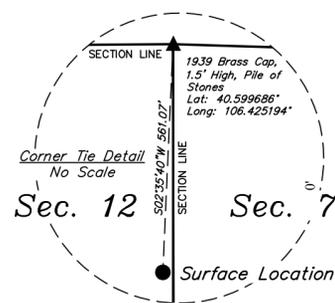
SURVEYED BY		CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY		T.B.	09-08-16	1" = 1000'
WELL LOCATION PLAT				

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

- LEGEND:**
- ◻ = 90° SYMBOL
 - = PROPOSED WELLHEAD
 - ◻ = TOP OF NIOBRARA
 - ◊ = LANDING POINT
 - = TARGET BOTTOM HOLE
 - ▲ = SECTION CORNERS LOCATED (NAD 83)
 - △ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground.) (NAD 83)



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N87°51'02"W	826.58'
L2	N43°54'33"W	928.60'



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 = 1.6

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°35'53.33" (40.598147)
LONGITUDE	= 106°25'31.03" (106.425286)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°35'53.41" (40.598169)
LONGITUDE	= 106°25'28.92" (106.424700)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1462087.49 E: 2743056.15
STATE PLANE NAD 27 (CO. NORTH)	
N	: 462085.36 E: 1743212.41
NAD 83 (TOP OF NIOBRARA)	
LATITUDE	= 40°35'53.64" (40.598233)
LONGITUDE	= 106°25'41.73" (106.428258)
NAD 27 (TOP OF NIOBRARA)	
LATITUDE	= 40°35'53.71" (40.598253)
LONGITUDE	= 106°25'39.62" (106.427672)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1462126.87 E: 2742230.85
STATE PLANE NAD 27 (CO. NORTH)	
N	: 462124.74 E: 1742387.11
NAD 83 (LANDING POINT)	
LATITUDE	= 40°36'00.24" (40.600067)
LONGITUDE	= 106°25'50.08" (106.430578)
NAD 27 (LANDING POINT)	
LATITUDE	= 40°36'00.32" (40.600089)
LONGITUDE	= 106°25'47.97" (106.429992)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1462802.11 E: 2741593.96
STATE PLANE NAD 27 (CO. NORTH)	
N	: 462799.97 E: 1741750.21
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE	= 40°37'44.97" (40.629158)
LONGITUDE	= 106°25'51.63" (106.431008)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE	= 40°37'45.05" (40.629181)
LONGITUDE	= 106°25'49.51" (106.430419)
STATE PLANE NAD 83 (CO. NORTH)	
N	: 1473401.36 E: 2741586.08
STATE PLANE NAD 27 (CO. NORTH)	
N	: 473399.28 E: 1741742.24

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE INFORMATION 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.

Chad Meiers
REGISTERED LAND SURVEYOR
REGISTRATION NO. 28283
STATE OF COLORADO EXPIRES 03-31-16

REV: 1 09-30-16 M.D. (ADD TOP OF NIOBRARA & LP)

SandRidge Exploration & Production, LLC

GRIZZLY 0881 3-1H36
NE 1/4, SECTION 12, T7N, R81W, 6th P.M.
JACKSON COUNTY, COLORADO

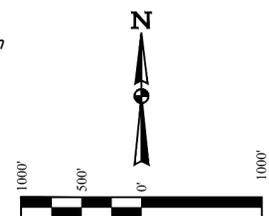
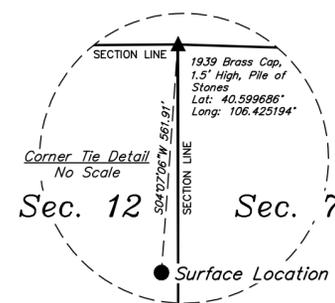
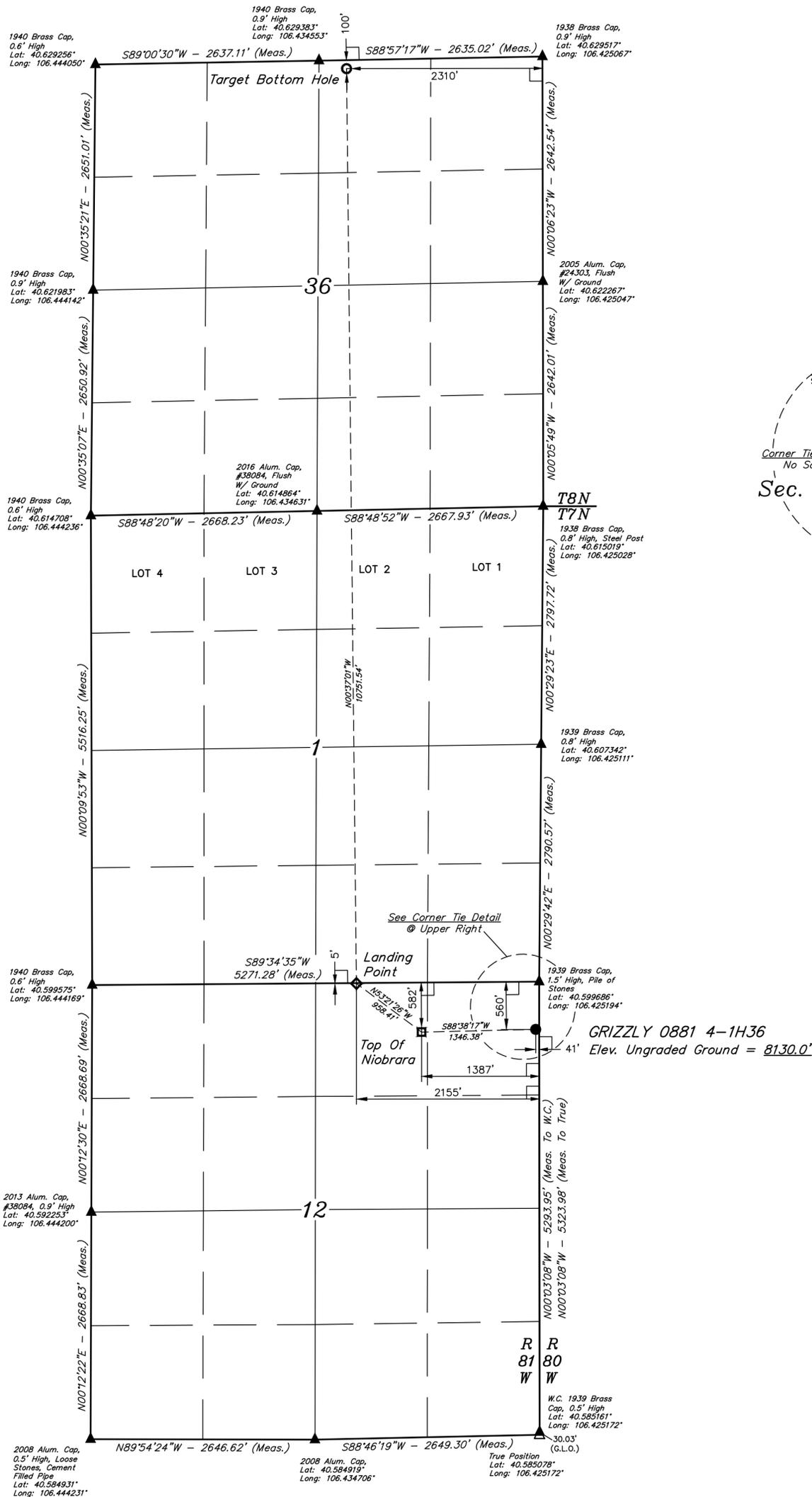
UINTAH SURVEYING & MAPPING

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

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 1000'

WELL LOCATION PLAT

- LEGEND:**
- ◻ = 90° SYMBOL
 - = PROPOSED WELLHEAD
 - ◻ = TOP OF NIORARA
 - ◊ = LANDING POINT
 - = TARGET BOTTOM HOLE
 - ▲ = SECTION CORNERS LOCATED (NAD 83)
 - △ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground.) (NAD 83)



PDOP = 1.3

NAD 83 (SURFACE LOCATION)	
LATITUDE =	40°35'53.33" (40.598147)
LONGITUDE =	106°25'31.22" (106.425339)
NAD 27 (SURFACE LOCATION)	
LATITUDE =	40°35'53.41" (40.598169)
LONGITUDE =	106°25'29.11" (106.424753)
STATE PLANE NAD 83 (CO. NORTH)	
N:	1462087.67 E: 2743041.20
STATE PLANE NAD 27 (CO. NORTH)	
N:	462085.55 E: 1743197.46
NAD 83 (TOP OF NIORARA)	
LATITUDE =	40°35'53.01" (40.598058)
LONGITUDE =	106°25'48.67" (106.430186)
NAD 27 (TOP OF NIORARA)	
LATITUDE =	40°35'53.09" (40.598081)
LONGITUDE =	106°25'46.55" (106.429597)
STATE PLANE NAD 83 (CO. NORTH)	
N:	1462069.37 E: 2741695.51
STATE PLANE NAD 27 (CO. NORTH)	
N:	462067.24 E: 1741851.77
NAD 83 (LANDING POINT)	
LATITUDE =	40°35'58.66" (40.599628)
LONGITUDE =	106°25'58.63" (106.432953)
NAD 27 (LANDING POINT)	
LATITUDE =	40°35'58.74" (40.599650)
LONGITUDE =	106°25'56.52" (106.432367)
STATE PLANE NAD 83 (CO. NORTH)	
N:	1462648.93 E: 2740932.68
STATE PLANE NAD 27 (CO. NORTH)	
N:	462646.79 E: 1741088.94
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE =	40°37'44.85" (40.629125)
LONGITUDE =	106°26'00.18" (106.433383)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE =	40°37'44.93" (40.629147)
LONGITUDE =	106°25'58.07" (106.432797)
STATE PLANE NAD 83 (CO. NORTH)	
N:	1473396.03 E: 2740926.29
STATE PLANE NAD 27 (CO. NORTH)	
N:	473393.95 E: 1741082.45

THIS IS TO CERTIFY THAT THE ABOVE...
NOTES OF ACTUAL SURVEYS MADE BY ME...
AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Chad Meiers
REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO - 09-30-16

REV: 1 09-30-16 M.D. (ADD TOP OF NIORARA & LP)

SandRidge Exploration & Production, LLC
GRIZZLY 0881 4-1H36
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M.
JACKSON COUNTY, COLORADO

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

UWELLS
SURVEYED BY: CHAD MEIERS, D.S. 09-01-16 SCALE: 1" = 1000'
DRAWN BY: T.B. 09-08-16

WELL LOCATION PLAT

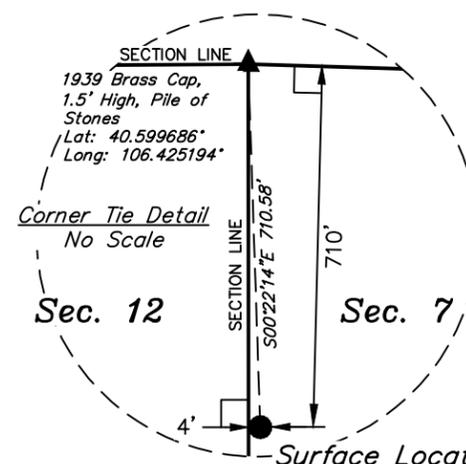
T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

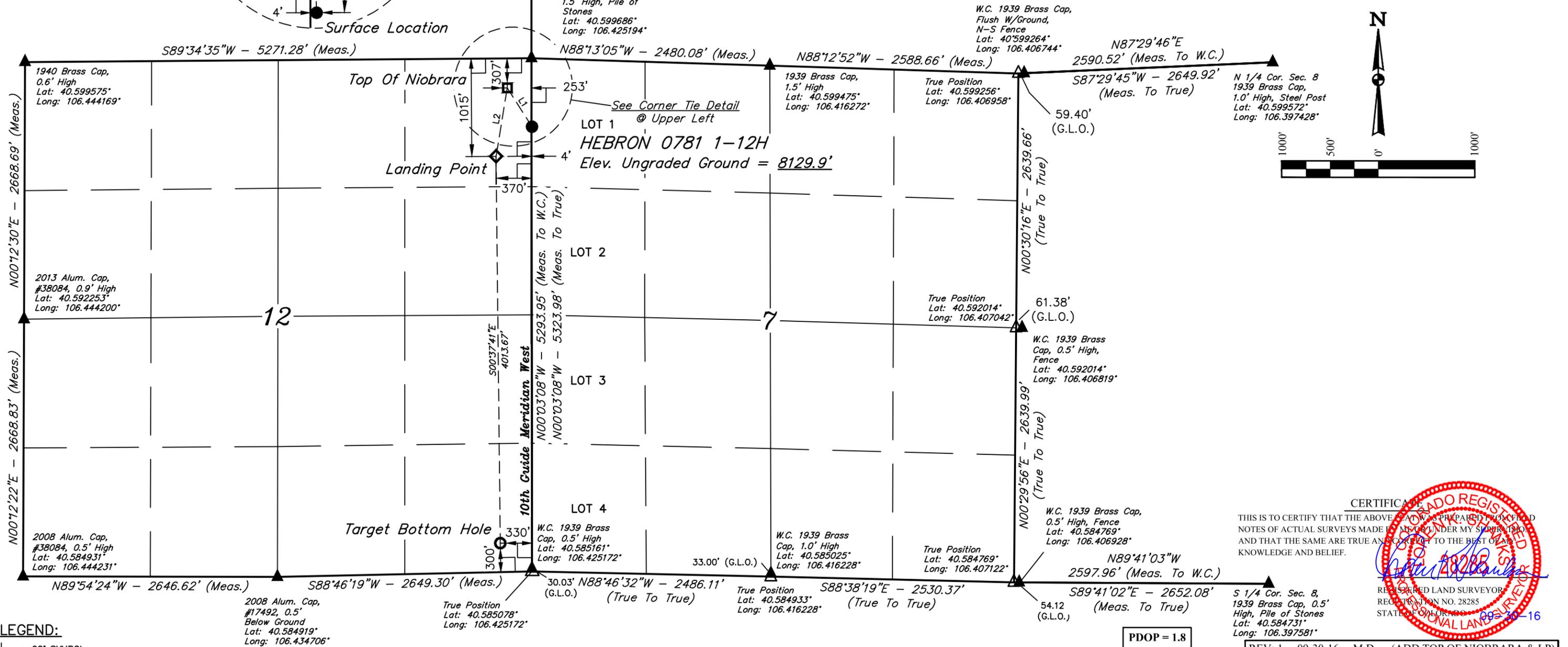
HEBRON 0781 1-12H
 LOT 1, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO

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.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N32°35'27\"W	477.13'
L2	S09°22'14\"W	718.59'



- LEGEND:**
- ◻ = 90° SYMBOL
 - = PROPOSED WELLHEAD.
 - ◻ = TOP OF NIOBRARA.
 - ◻ = LANDING POINT.
 - = TARGET BOTTOM HOLE.
 - ▲ = SECTION CORNERS LOCATED. (NAD 83)
 - △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.) (NAD 83)

NAD 83 (SURFACE LOCATION)	NAD 83 (TOP OF NIOBRARA)	NAD 83 (LANDING POINT)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°35'51.85" (40.597736)	LATITUDE = 40°35'55.82" (40.598839)	LATITUDE = 40°35'48.82" (40.596894)	LATITUDE = 40°35'09.18" (40.585883)
LONGITUDE = 106°25'30.64" (106.425178)	LONGITUDE = 106°25'33.97" (106.426103)	LONGITUDE = 106°25'35.49" (106.426525)	LONGITUDE = 106°25'34.90" (106.426361)
LATITUDE = 40°35'51.93" (40.597758)	LATITUDE = 40°35'55.90" (40.598861)	LATITUDE = 40°35'48.89" (40.596914)	LATITUDE = 40°35'09.25" (40.585903)
LONGITUDE = 106°25'28.53" (106.424592)	LONGITUDE = 106°25'31.86" (106.425517)	LONGITUDE = 106°25'33.37" (106.425936)	LONGITUDE = 106°25'32.79" (106.425775)
STATE PLANE NAD 83 (CO. NORTH)			
N: 1461937.18 E: 2743084.61	N: 1462341.61 E: 2742831.82	N: 1461634.12 E: 2742707.66	N: 1457622.12 E: 2742710.84
STATE PLANE NAD 27 (CO. NORTH)			
N: 461935.05 E: 1743240.86	N: 462339.48 E: 1742988.07	N: 461631.99 E: 1742863.92	N: 457619.97 E: 1742867.13

PDOP = 1.8

CERTIFICATE OF SURVEY

THIS IS TO CERTIFY THAT THE ABOVE MAP 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.

CHAD MEIERS, D.S.
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 28285
 STATE OF COLORADO
 EXPIRES 08-16-16

REV: 1 09-30-16 M.D. (ADD TOP OF NIOBRARA & LP)

UINTEAH
 ENGINEERING & LAND SURVEYING

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

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 1000'

WELL LOCATION PLAT

LEGEND:

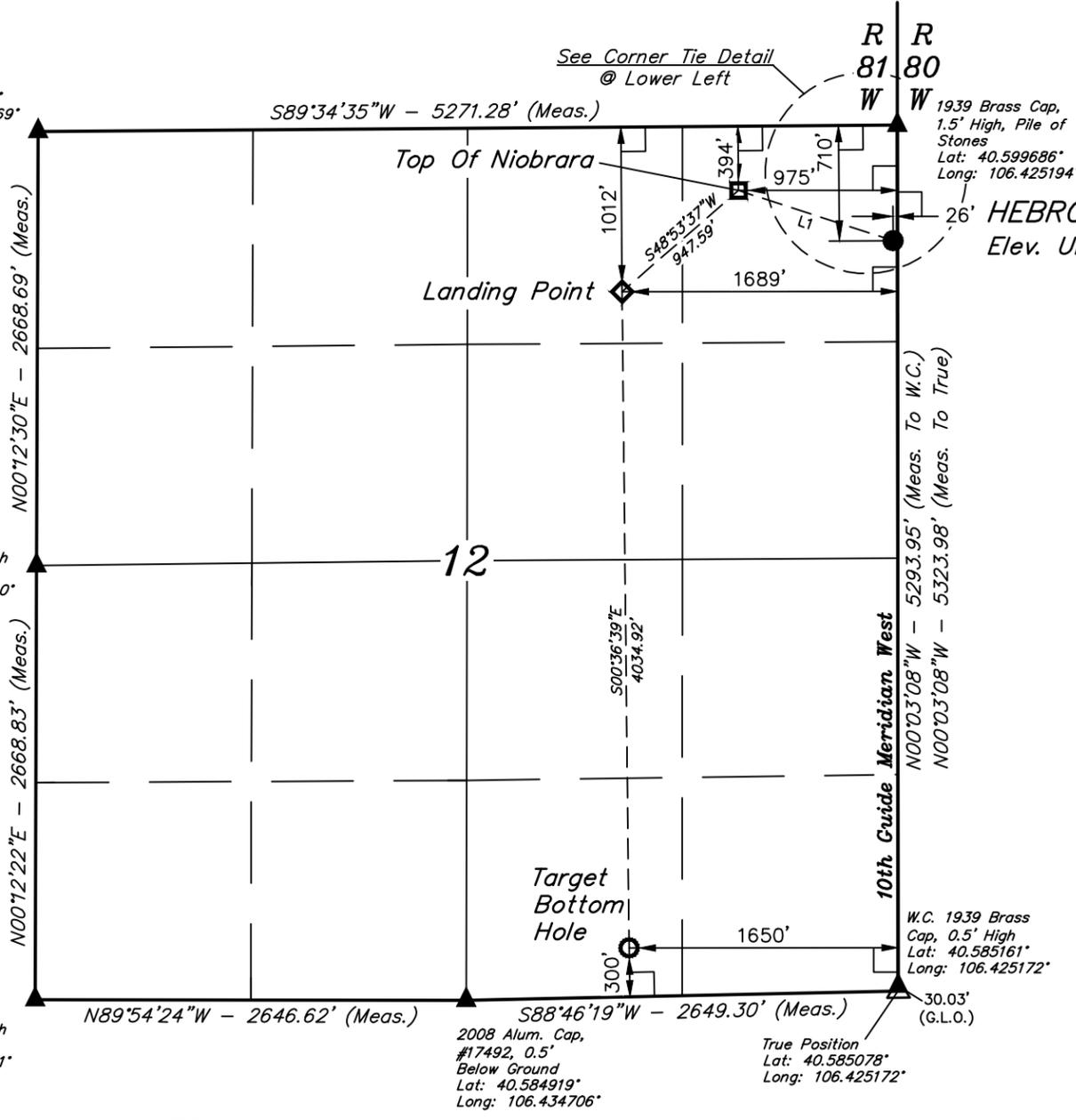
- └─ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TOP OF NIOBRARA.
- ◇ = LANDING POINT.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED. (NAD 83)
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.) (NAD 83)

T7N, R81W, 6th P.M.

1940 Brass Cap,
0.6' High
Lat: 40.599575°
Long: 106.444169°

See Corner Tie Detail
@ Lower Left

1939 Brass Cap,
1.5' High, Pile of
Stones
Lat: 40.599686°
Long: 106.425194°



2013 Alum. Cap,
#38084, 0.9' High
Lat: 40.592253°
Long: 106.444200°

2008 Alum. Cap,
#38084, 0.5' High
Lat: 40.584931°
Long: 106.444231°

2008 Alum. Cap,
#17492, 0.5'
Below Ground
Lat: 40.584919°
Long: 106.434706°

True Position
Lat: 40.585078°
Long: 106.425172°

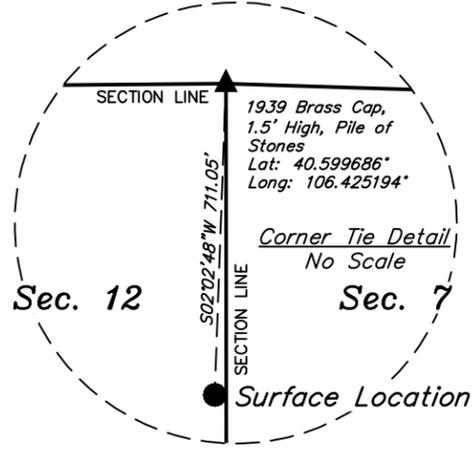
W.C. 1939 Brass
Cap, 0.5' High
Lat: 40.585161°
Long: 106.425172°

HEBRON 0781 4-12H
Elev. Ungraded Ground = 8130.4'

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N71°57'52"W	998.04'

PDOP = 1.4

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°35'51.85"	(40.597736)
LONGITUDE = 106°25'31.03"	(106.425286)
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°35'51.93"	(40.597758)
LONGITUDE = 106°25'28.92"	(106.424700)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1461937.46	E: 2743054.63
STATE PLANE NAD 27 (CO. NORTH)	
N: 461935.33	E: 1743210.88
NAD 83 (TOP OF NIOBRARA)	
LATITUDE = 40°35'54.90"	(40.598583)
LONGITUDE = 106°25'43.33"	(106.428703)
NAD 27 (TOP OF NIOBRARA)	
LATITUDE = 40°35'54.98"	(40.598606)
LONGITUDE = 106°25'41.21"	(106.428114)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1462255.96	E: 2742109.21
STATE PLANE NAD 27 (CO. NORTH)	
N: 462253.83	E: 1742265.47
NAD 83 (LANDING POINT)	
LATITUDE = 40°35'48.75"	(40.596875)
LONGITUDE = 106°25'52.58"	(106.431272)
NAD 27 (LANDING POINT)	
LATITUDE = 40°35'48.82"	(40.596894)
LONGITUDE = 106°25'50.46"	(106.430683)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1461640.51	E: 2741389.21
STATE PLANE NAD 27 (CO. NORTH)	
N: 461638.37	E: 1741545.48
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 40°35'08.89"	(40.585803)
LONGITUDE = 106°25'52.00"	(106.431111)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 40°35'08.97"	(40.585825)
LONGITUDE = 106°25'49.89"	(106.430525)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1457607.26	E: 2741391.19
STATE PLANE NAD 27 (CO. NORTH)	
N: 457605.10	E: 1741547.49



CERTIFICATE
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.



REV: 1 09-30-16 M.D. (ADD TOP OF NIOBRARA & LP)

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.



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



SandRidge Exploration & Production, LLC

HEBRON 0781 4-12H
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M.
JACKSON COUNTY, COLORADO

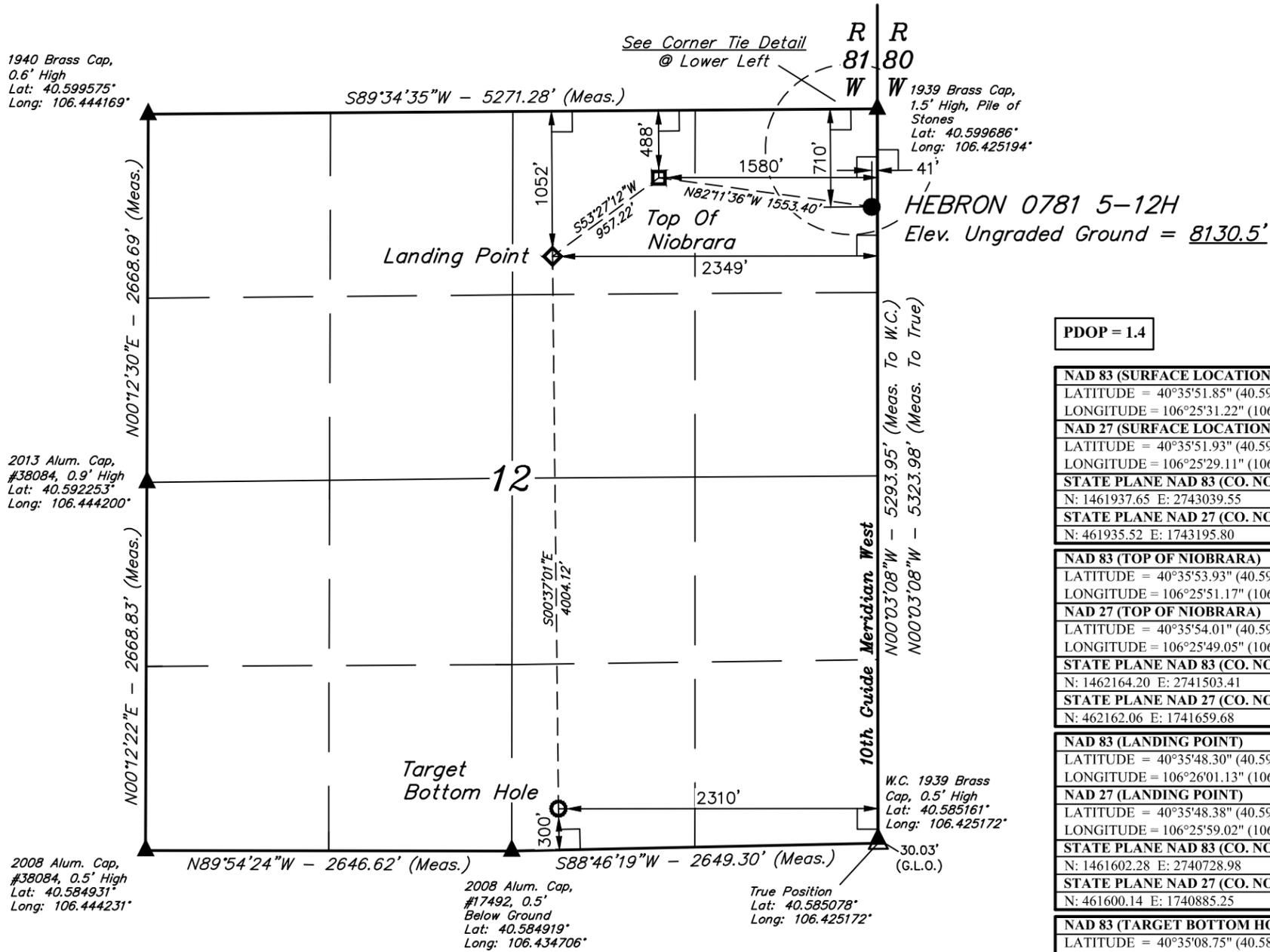
SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 1000'

WELL LOCATION PLAT

LEGEND:

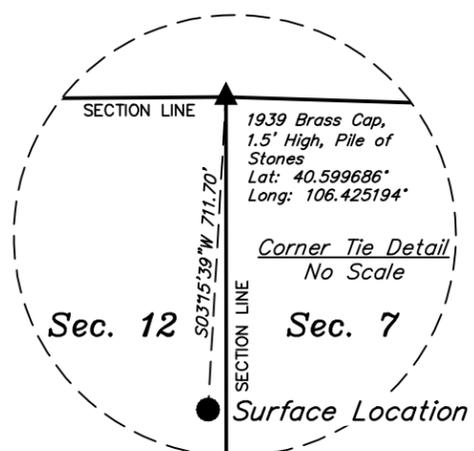
- └─ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TOP OF NIOBRARA.
- ◇ = LANDING POINT.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED. (NAD 83)
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.) (NAD 83)

T7N, R81W, 6th P.M.



PDOP = 1.4

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°35'51.85" (40.597736)
LONGITUDE = 106°25'31.22" (106.425339)
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°35'51.93" (40.597758)
LONGITUDE = 106°25'29.11" (106.424753)
STATE PLANE NAD 83 (CO. NORTH)
N: 1461937.65 E: 2743039.55
STATE PLANE NAD 27 (CO. NORTH)
N: 461935.52 E: 1743195.80
NAD 83 (TOP OF NIOBRARA)
LATITUDE = 40°35'53.93" (40.598314)
LONGITUDE = 106°25'51.17" (106.430881)
NAD 27 (TOP OF NIOBRARA)
LATITUDE = 40°35'54.01" (40.598336)
LONGITUDE = 106°25'49.05" (106.430292)
STATE PLANE NAD 83 (CO. NORTH)
N: 1462164.20 E: 2741503.41
STATE PLANE NAD 27 (CO. NORTH)
N: 462162.06 E: 1741659.68
NAD 83 (LANDING POINT)
LATITUDE = 40°35'48.30" (40.596750)
LONGITUDE = 106°26'01.13" (106.433647)
NAD 27 (LANDING POINT)
LATITUDE = 40°35'48.38" (40.596772)
LONGITUDE = 106°25'59.02" (106.433061)
STATE PLANE NAD 83 (CO. NORTH)
N: 1461602.28 E: 2740728.98
STATE PLANE NAD 27 (CO. NORTH)
N: 461600.14 E: 1740885.25
NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°35'08.75" (40.585764)
LONGITUDE = 106°26'00.55" (106.433486)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°35'08.83" (40.585786)
LONGITUDE = 106°25'58.44" (106.432900)
STATE PLANE NAD 83 (CO. NORTH)
N: 1457599.83 E: 2740731.37
STATE PLANE NAD 27 (CO. NORTH)
N: 457597.66 E: 1740887.68



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE AND 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.



REV: 1 09-30-16 M.D. (ADD TOP OF NIOBRARA & LP)

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.



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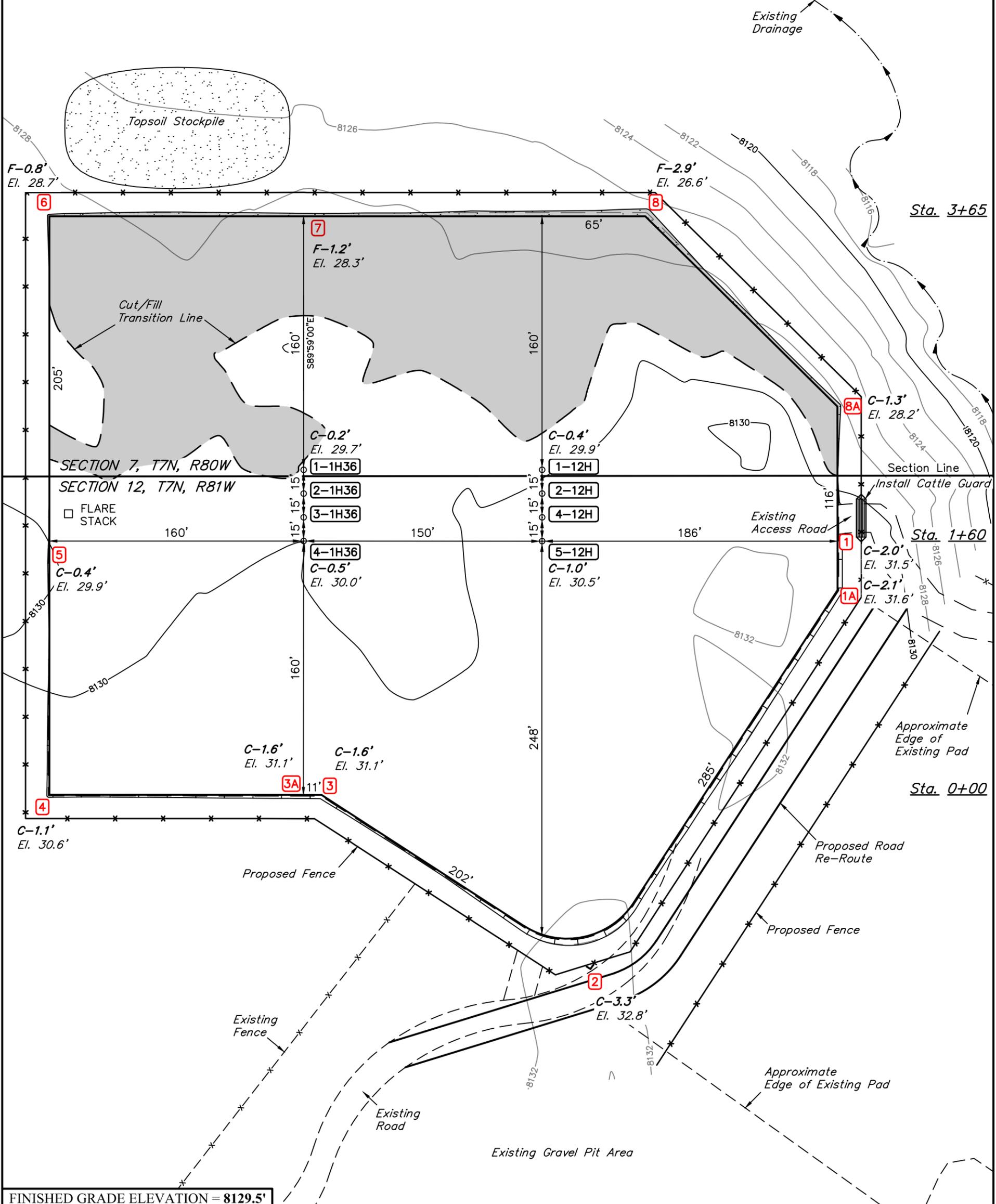
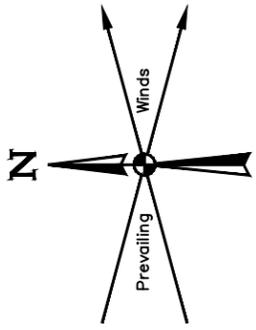
SandRidge Exploration & Production, LLC

HEBRON 0781 5-12H
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M.
JACKSON COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 1000'

WELL LOCATION PLAT

PRELIMINARY



FINISHED GRADE ELEVATION = 8129.5'

- NOTES:**
- Flare stack is to be located a min. of 100' from the wellhead.
 - Round corners at 50' radius or as needed.
 - Contours shown at 2' intervals.
 - Cut/Fill slopes 1 1/2:1 (Typ.).

SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
 NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
 NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 60'

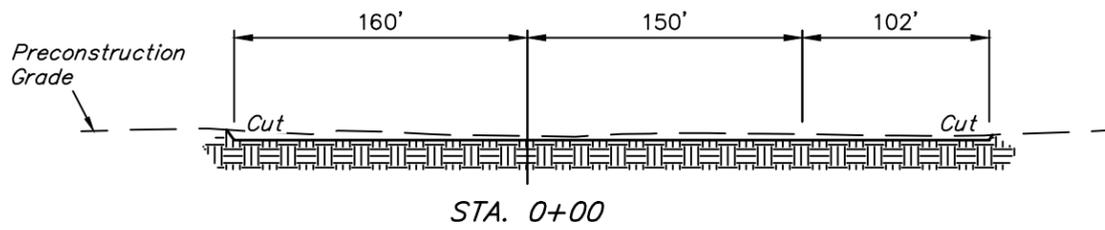
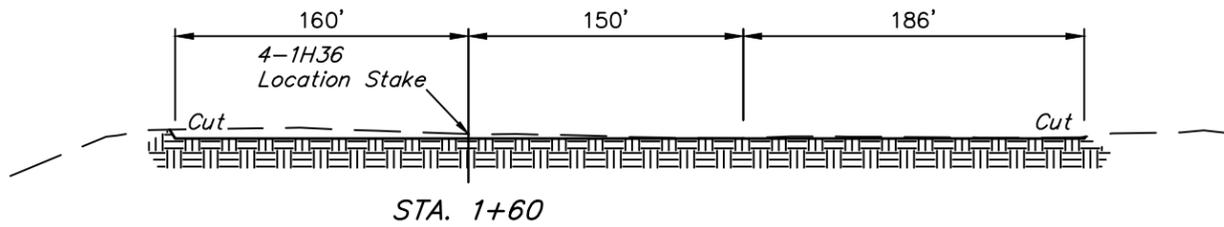
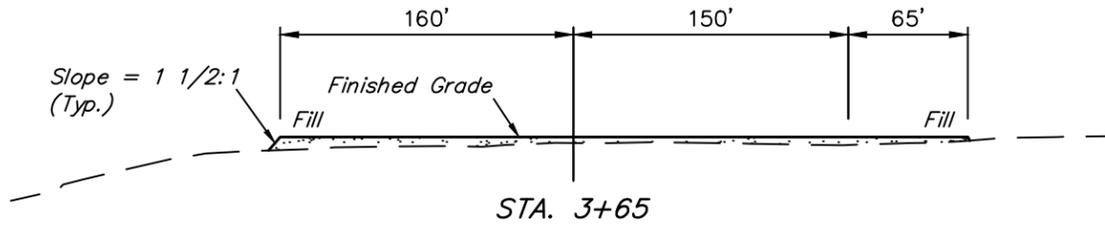
CONSTRUCTION LAYOUT FIGURE #1



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1" = 40'
 X-Section
 Scale
 1" = 100'

PRELIMINARY



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	3,420 Cu. Yds.
REMAINING LOCATION	2,780 Cu. Yds.
TOTAL CUT	6,200 Cu. Yds.
FILL	2,780 Cu. Yds.
EXCESS MATERIAL	3,420 Cu. Yds.
TOPSOIL	3,420 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE (FENCED AREA)	NA	±4.756
TOPSOIL PILE DISTURBANCE	NA	±0.217
30' WIDE ROAD RE-ROUTE R-O-W DISTURBANCE	±441'	±0.304
TOTAL SURFACE USE AREA		±5.277

NOTES:

- Fill quantity includes 5% for compaction.
- Calculations based on 6" of topsoil stripping.
- Cut/Fill slopes 1 1/2:1 (Typ. except where noted).

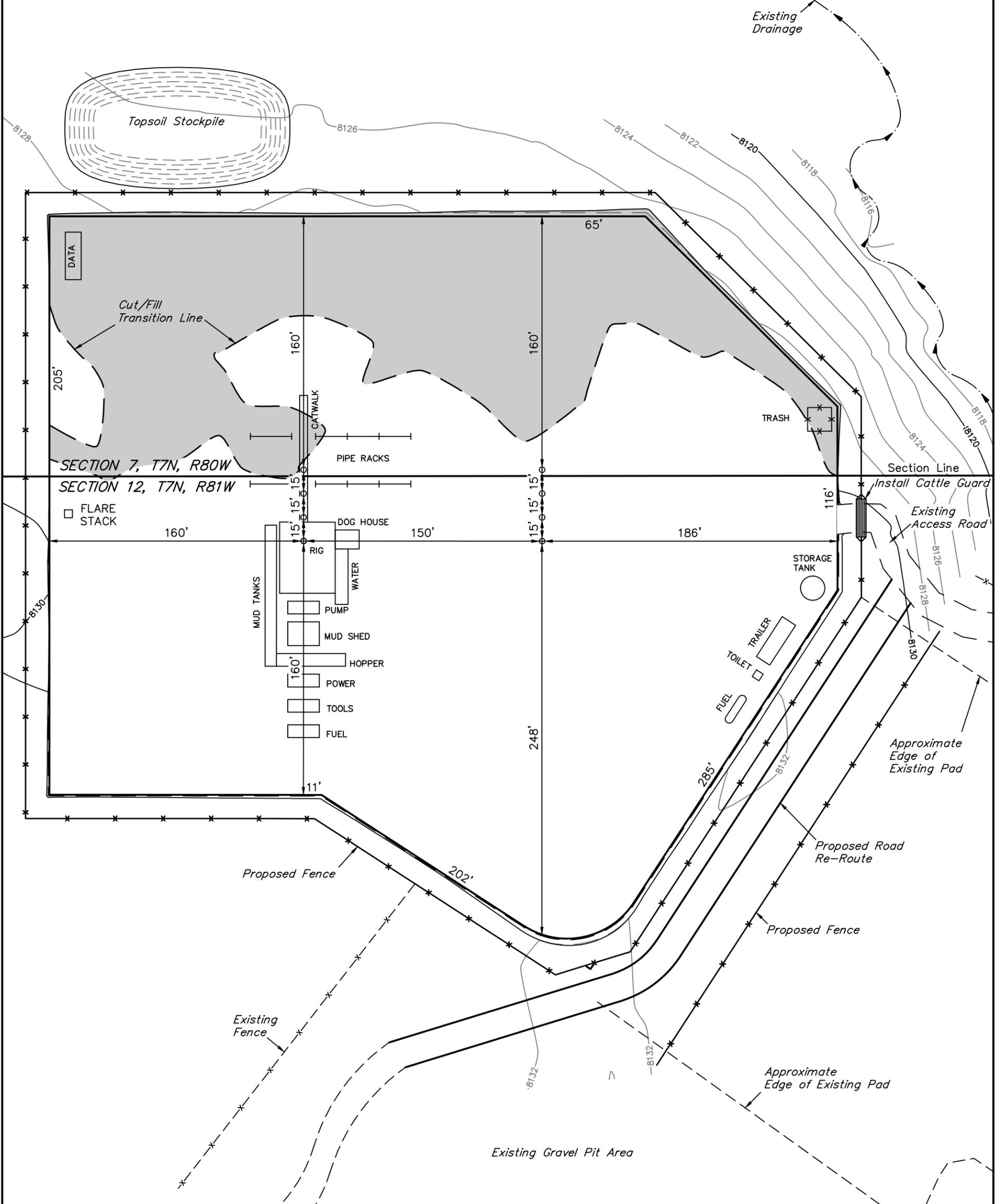
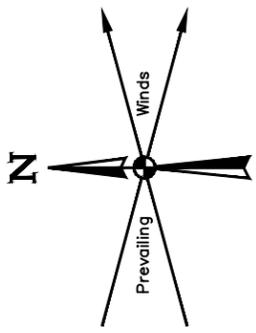
SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
 NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
 NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	AS SHOWN
CONSTRUCTION LAYOUT CROSS SECTIONS			FIGURE #2



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 Vernal, UT 84078 * (435) 789-1017



- NOTES:**
- Flare stack is to be located a min. of 100' from the wellhead.
 - Contours shown at 2' intervals.

SandRidge Exploration & Production, LLC

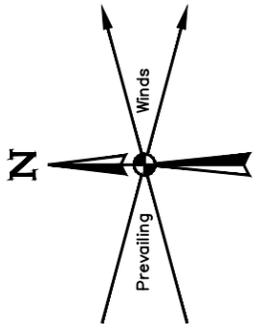
HEBRON 12 ANNEX PAD
 NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
 NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 60'

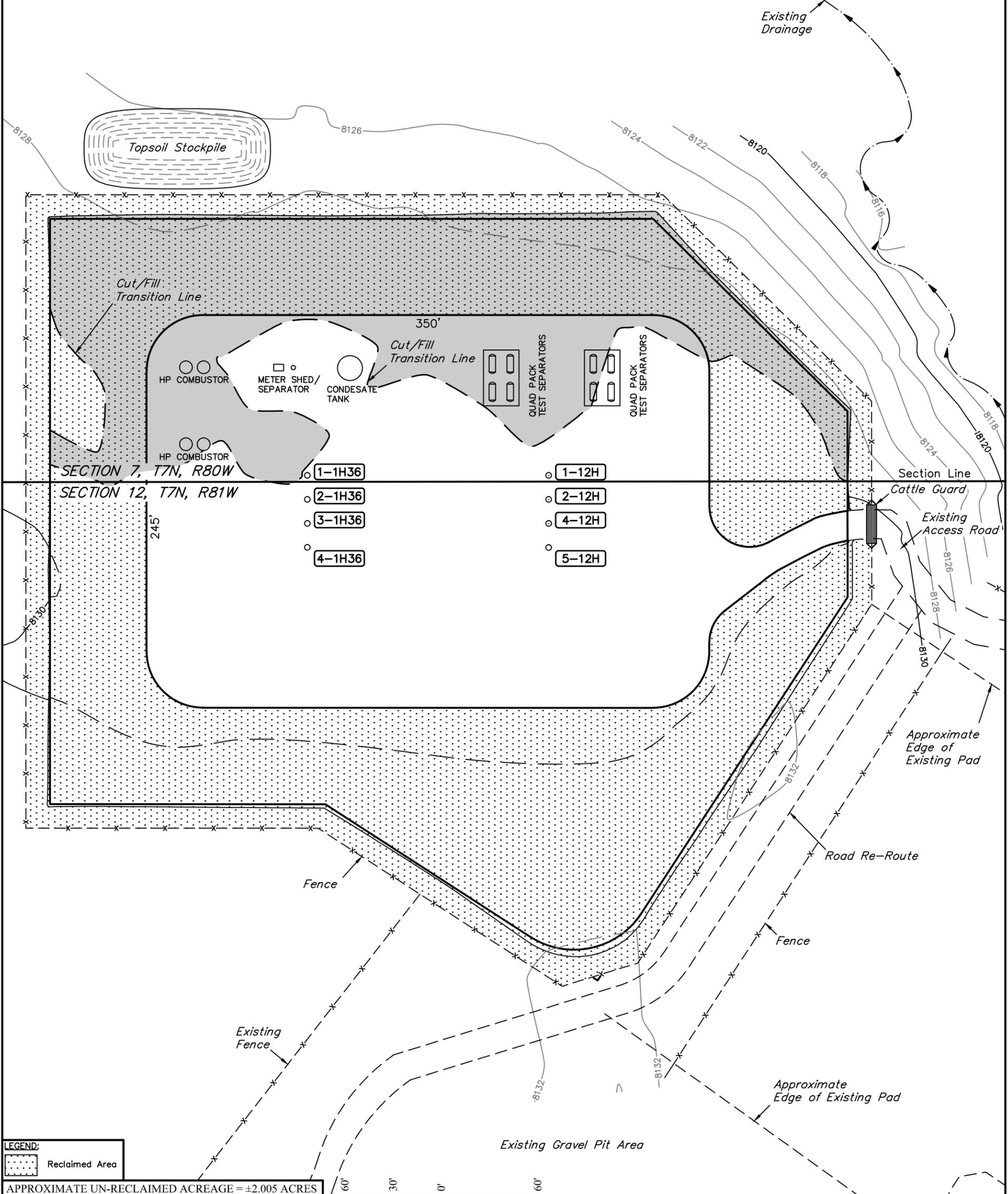
TYPICAL RIG LAYOUT **FIGURE #3**



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 Vernal, UT 84078 * (435) 789-1017



PRELIMINARY



LEGEND:
 Reclaimed Area

APPROXIMATE UN-RECLAIMED ACREAGE = ±2.005 ACRES
 APPROXIMATE RECLAIMED ACREAGE = ±2.751 ACRES
 TOTAL ACREAGE = ±4.756 ACRES

NOTES:
 • Contours shown at 2' intervals.



REV: 1 09-26-16 T.B. (ADD PRODUCTION EQUIPMENT)

SandRidge Exploration & Production, LLC

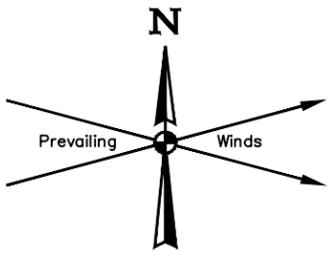
HEBRON 12 ANNEX PAD
 NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
 NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 60'

INTERIM RECLAMATION PLAN **FIGURE #4**



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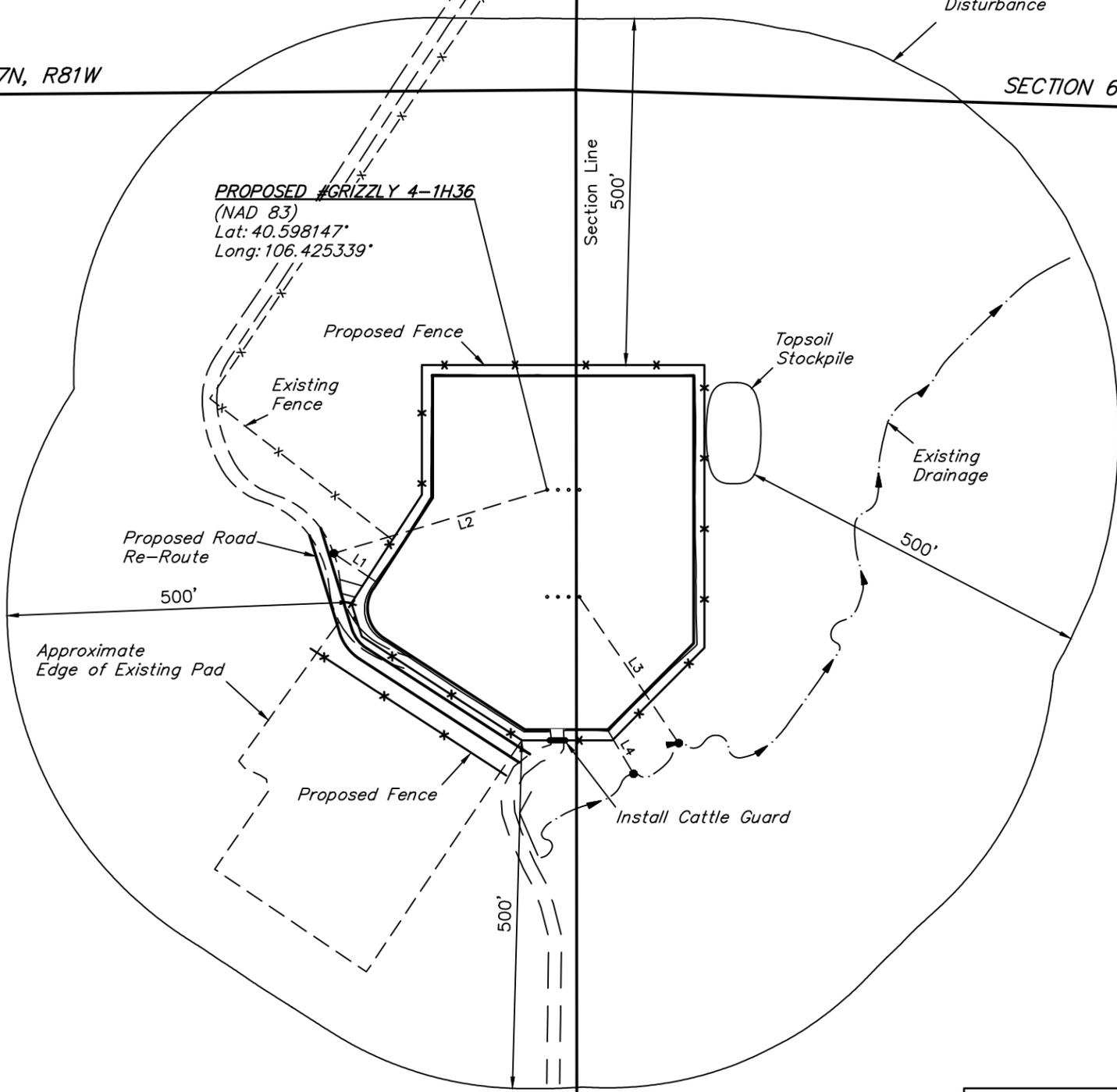
SECTION 1, T7N, R81W

SECTION 6, T7N, R80W

Section Line

Section Line
500'

PROPOSED #GRIZZLY 4-1H36
(NAD 83)
Lat: 40.598147°
Long: 106.425339°



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N55°50'03"W	70.45'
L2	S73°22'16"W	311.15'
L3	S34°08'48"E	247.65'
L4	S30°28'33"E	69.50'

SECTION 12, T7N, R81W
SECTION 7, T7N, R80W



SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 200'

LOCATION DRAWING

FIGURE #5



UELS, LLC
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Vernal, UT 84078 * (435) 789-1017

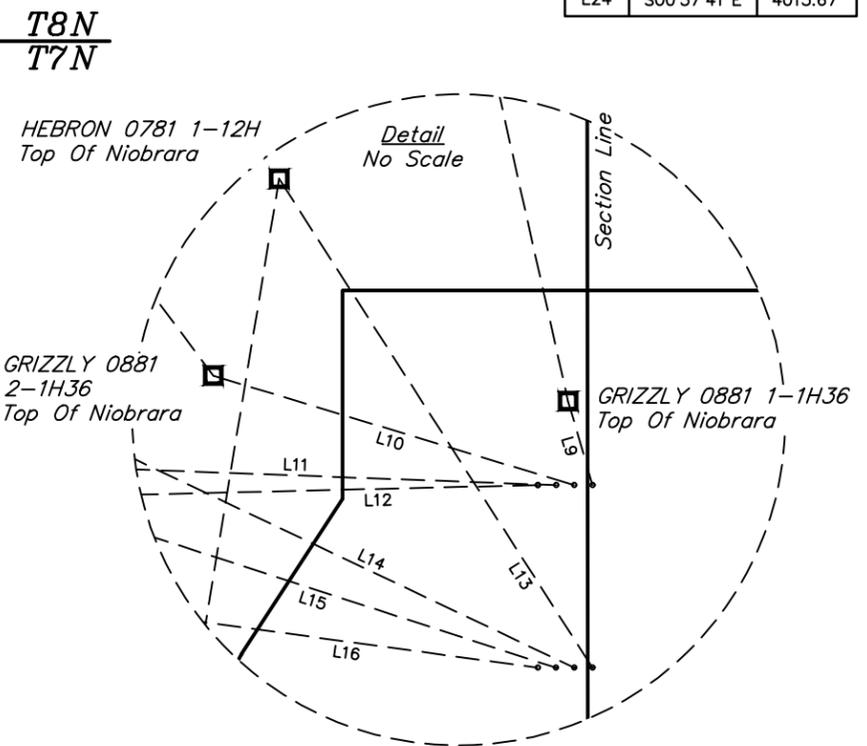
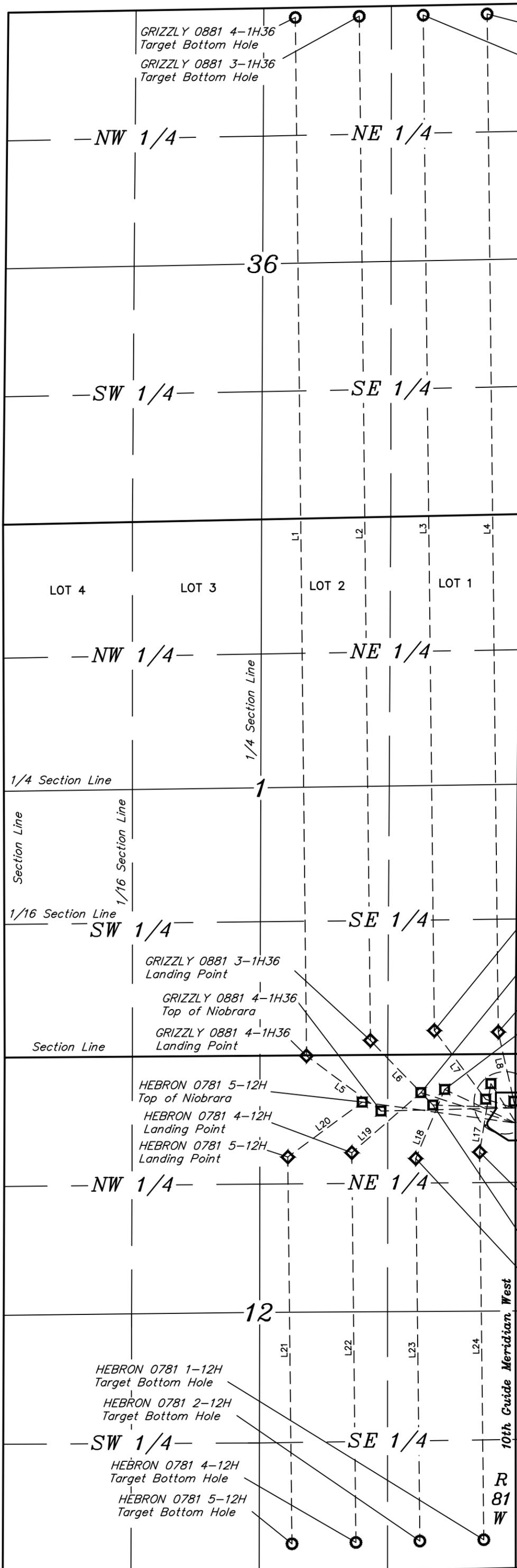
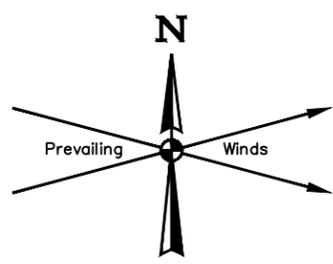
SandRidge Exploration & Production, LLC
 HEBRON 12 ANNEX PAD
 SECTION 12, T7N, R81W, 6th P.M. & SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO
 DATE: 09-08-16 T.B.
 REVISED: 11-02-16 M.D. (UPDATE DISTANCES)

DISTANCES FROM WELLHEAD																
WELL NAME	BUILDING		BUILDING UNIT		HIGH OCCU. BUILDING		D.O.A.A.		PUBLIC ROAD		ABOVE GROUND UTILITY		RAILROAD		PROPERTY LINE	
	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH
GRIZZLY 1-1H36	N50°E	1729'	N25°W	835'	OVER 1 MILE		OVER 1 MILE		S32°E	2995'	S86°E	4993'	OVER 1 MILE		SOUTH	763'
GRIZZLY 2-1H36	N50°E	1741'	N24°W	829'	OVER 1 MILE		OVER 1 MILE		S32°E	3003'	S86°E	5008'	OVER 1 MILE		S01°E	763'
GRIZZLY 3-1H36	N50°E	1752'	N23°W	823'	OVER 1 MILE		OVER 1 MILE		S32°E	3011'	S86°E	5023'	OVER 1 MILE		S02°E	763'
GRIZZLY 4-1H36	N50°E	1764'	N22°W	817'	OVER 1 MILE		OVER 1 MILE		S32°E	3019'	S86°E	5038'	OVER 1 MILE		S03°E	764'
HEBRON 1-12H	N46°E	1830'	N21°W	973'	OVER 1 MILE		OVER 1 MILE		S32°E	2868'	S88°E	4985'	OVER 1 MILE		SOUTH	613'
HEBRON 2-12H	N46°E	1841'	N21°W	968'	OVER 1 MILE		OVER 1 MILE		S32°E	2876'	S88°E	5000'	OVER 1 MILE		S01°E	613'
HEBRON 4-12H	N47°E	1852'	N20°W	963'	OVER 1 MILE		OVER 1 MILE		S32°E	2884'	S88°E	5015'	OVER 1 MILE		S02°E	614'
HEBRON 5-12H	N47°E	1863'	N19°W	958'	OVER 1 MILE		OVER 1 MILE		S32°E	2892'	S88°E	5030'	OVER 1 MILE		S04°E	614'

DISTANCES FROM PRODUCTION AREA																
PRODUCTION FEATURE	BUILDING		BUILDING UNIT		HIGH OCCU. BUILDING		D.O.A.A.		PUBLIC ROAD		ABOVE GROUND UTILITY		RAILROAD		PROPERTY LINE	
	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH	DIRECTION	LENGTH
PRODUCTION AREA	N50°E	1603'	N21°W	700'	OVER 1 MILE		OVER 1 MILE		S32°E	2749'	S89°E	4884'	OVER 1 MILE		SOUTH	513'



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°37'01"W	10751.54'
L2	N00°37'31"W	10603.63'
L3	N00°37'31"W	10513.65'
L4	N00°37'26"W	10540.72'
L5	N53°21'26"W	958.41'
L6	N43°54'33"W	928.60'
L7	N36°39'48"W	887.61'
L8	N12°38'19"W	735.83'
L9	N16°09'52"W	71.84'
L10	N73°05'16"W	309.38'
L11	N87°51'02"W	826.58'
L12	S88°38'17"W	1346.38'
L13	N32°35'27"W	477.13'
L14	N64°33'41"W	796.19'
L15	N71°57'52"W	998.04'
L16	N82°11'36"W	1553.40'
L17	S09°22'14"W	718.59'
L18	S22°39'55"W	775.92'
L19	S48°53'37"W	947.59'
L20	S53°27'12"W	957.22'
L21	S00°37'01"E	4004.12'
L22	S00°36'39"E	4034.92'
L23	S00°37'20"E	3960.81'
L24	S00°37'41"E	4013.67'



LEGEND:
 □ = TOP OF NIOBRARA.
 ◇ = LANDING POINT.
 ○ = TARGET BOTTOM HOLE.



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

REV: 2 12-21-16 T.B. (SHOW BHLS & NAME CHANGE)

SandRidge Exploration & Production, LLC

HEBRON 12 PAD
 NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
 NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS, D.S.	09-01-16	SCALE
DRAWN BY	T.B.	09-08-16	1" = 1000'

MULTI-WELL PLAN **FIGURE #6**

PROCEED IN A SOUTHERLY DIRECTION FROM WALDEN, COLORADO ALONG COLORADO HIGHWAY 125 APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 14 TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 11.6 MILES TO THE JUNCTION OF THIS ROAD AND COUNTY ROAD 24 TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 3,051' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM WALDON, COLORADO TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 14.6 MILES.

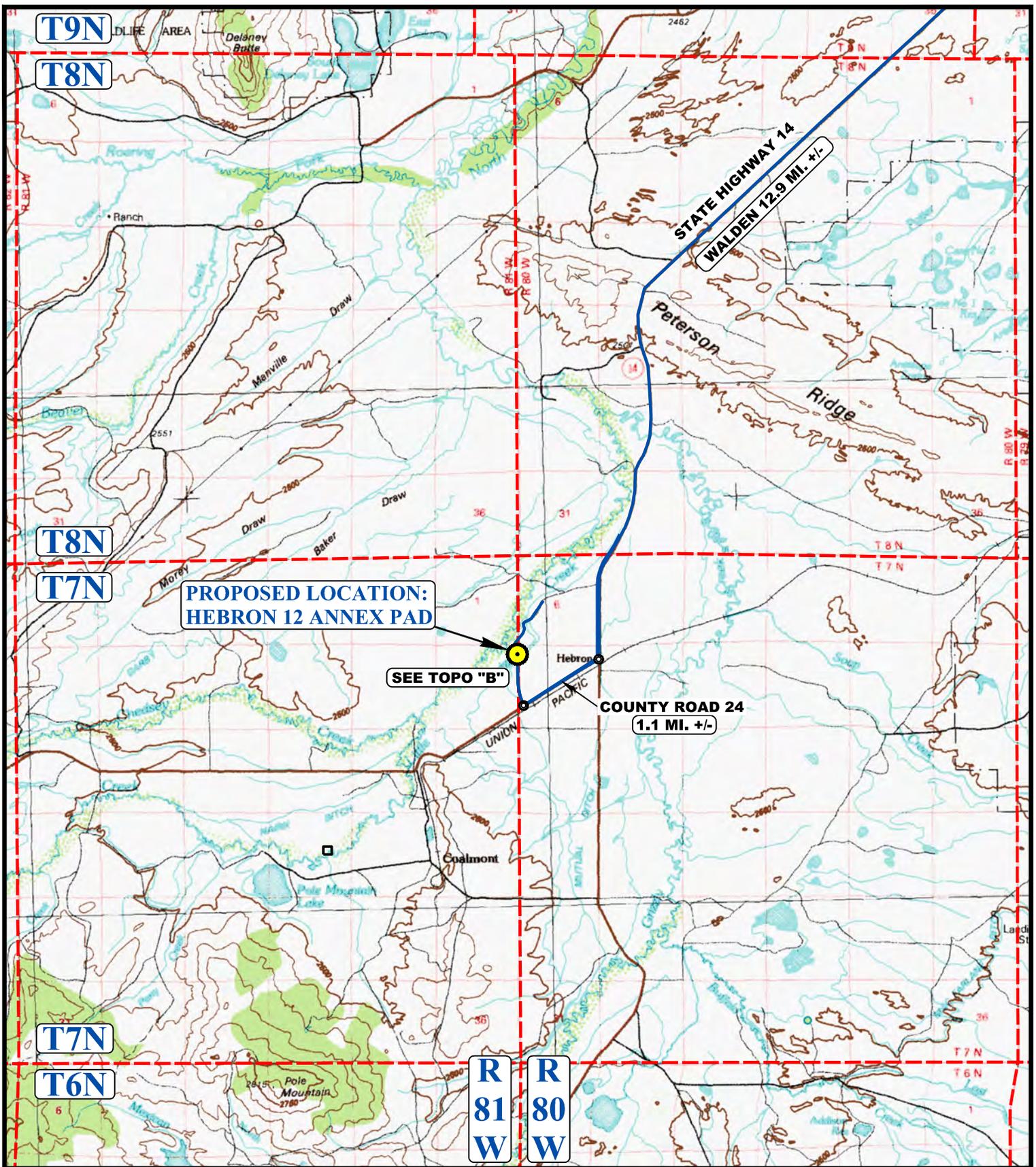
SandRidge Exploration & Production, LLC

**HEBRON 12 ANNEX PAD
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO**

SURVEYED BY	C.M., D.S.	09-01-16	
DRAWN BY	C.D.L.	09-20-16	
ROAD DESCRIPTION			



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



**PROPOSED LOCATION:
HEBRON 12 ANNEX PAD**

SEE TOPO "B"

**COUNTY ROAD 24
1.1 MI. +/-**

LEGEND:

 **PROPOSED LOCATION**



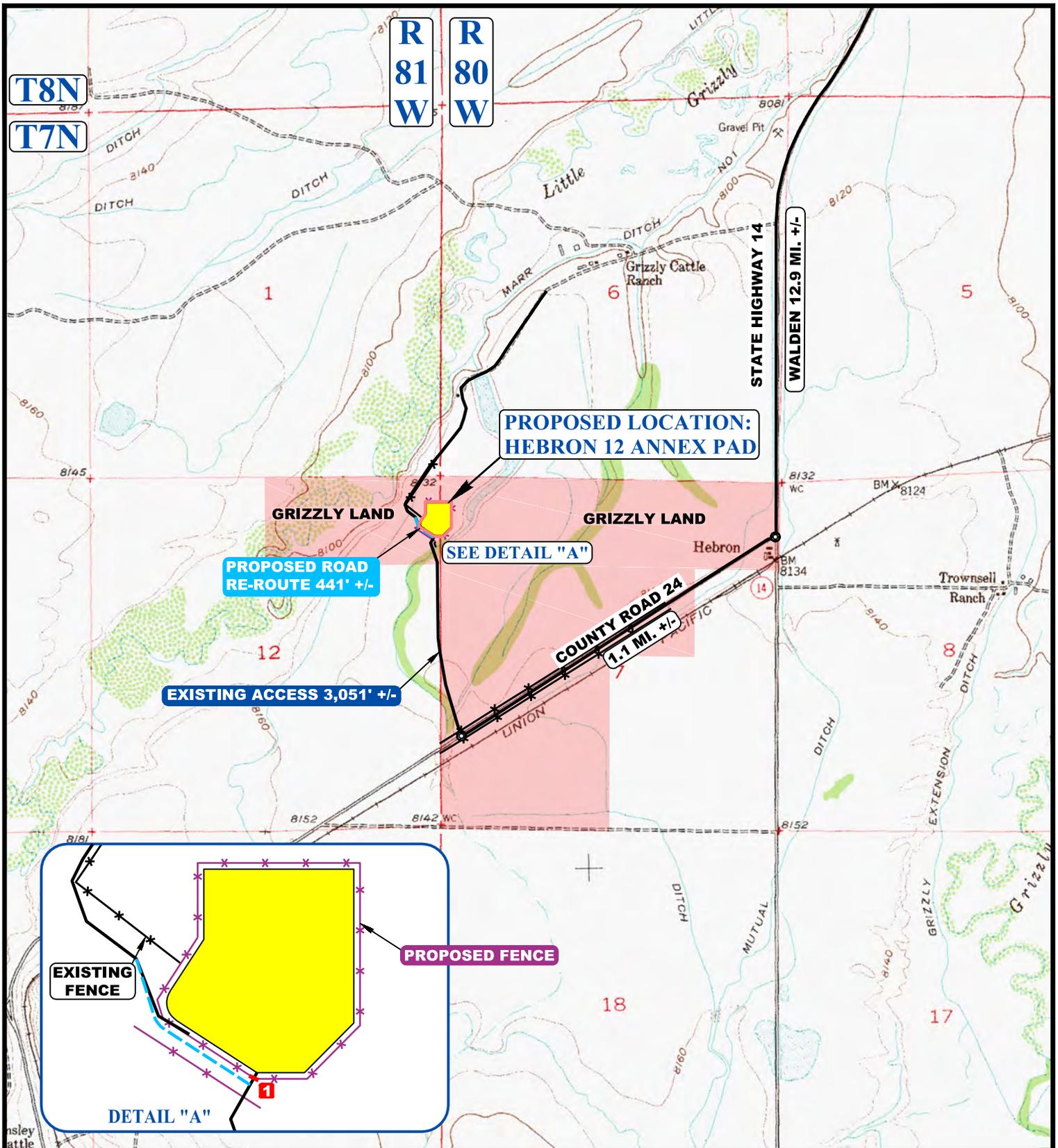
SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO



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

SURVEYED BY	C.M., D.S.	09-01-16	SCALE
DRAWN BY	C.D.L.	09-20-16	1 : 100,000
ACCESS ROAD MAP			TOPO A



NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- EXISTING ROAD
- PROPOSED ROAD RE-ROUTE
- EXISTING FENCE
- PROPOSED FENCE
- INSTALL CATTLE GUARD



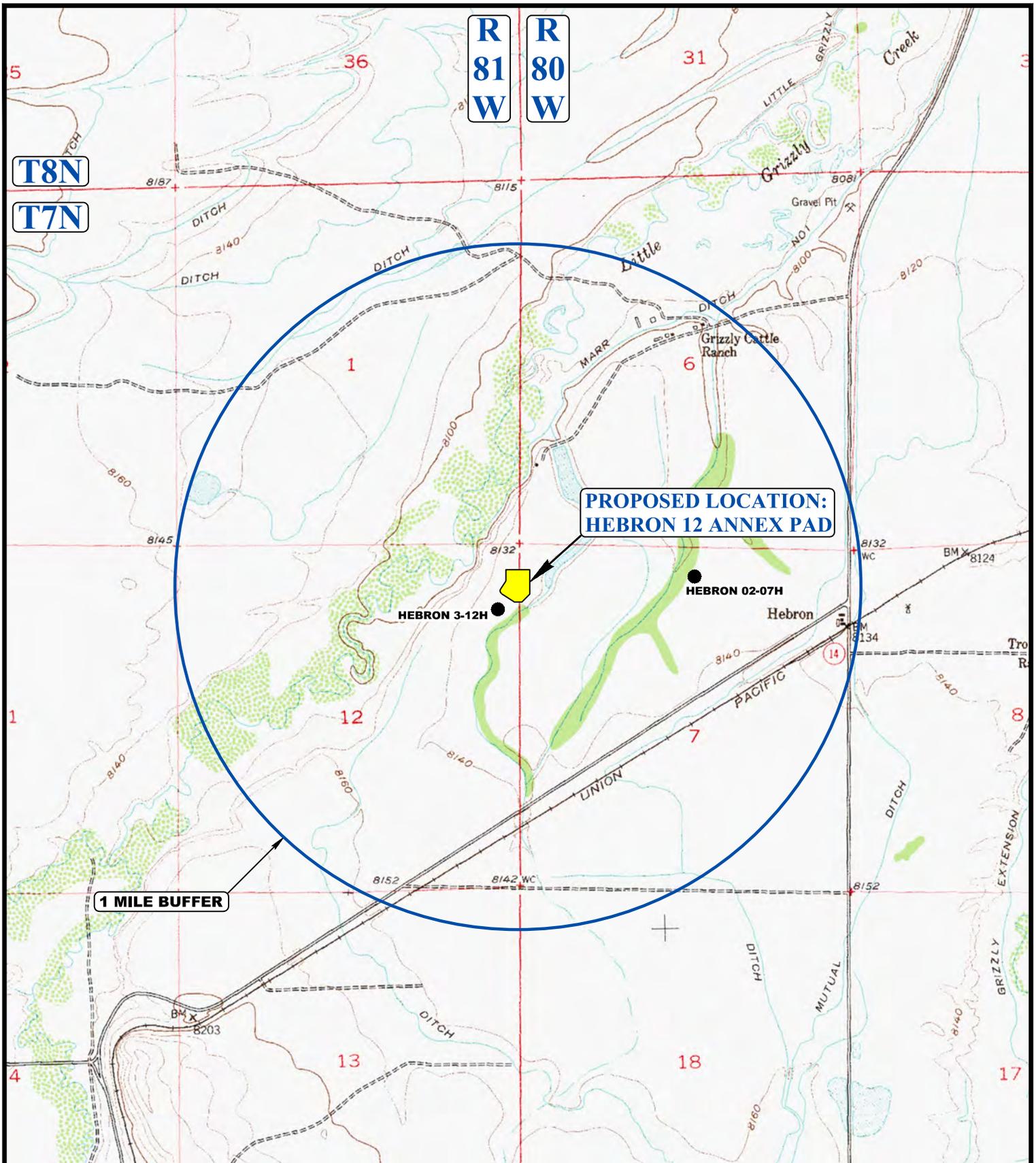
SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
 NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
 NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO

SURVEYED BY	C.M., D.S.	09-01-16	SCALE
DRAWN BY	C.D.L.	09-20-16	1 : 24,000
ACCESS ROAD MAP			TOPO B



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LEGEND:

- ◐ DISPOSAL WELLS
- PRODUCING WELLS
- ◐ SHUT IN WELLS
- ABANDONED WELLS
- ◐ TEMPORARILY ABANDONED
- ◐ CONFIDENTIAL



SandRidge Exploration & Production, LLC

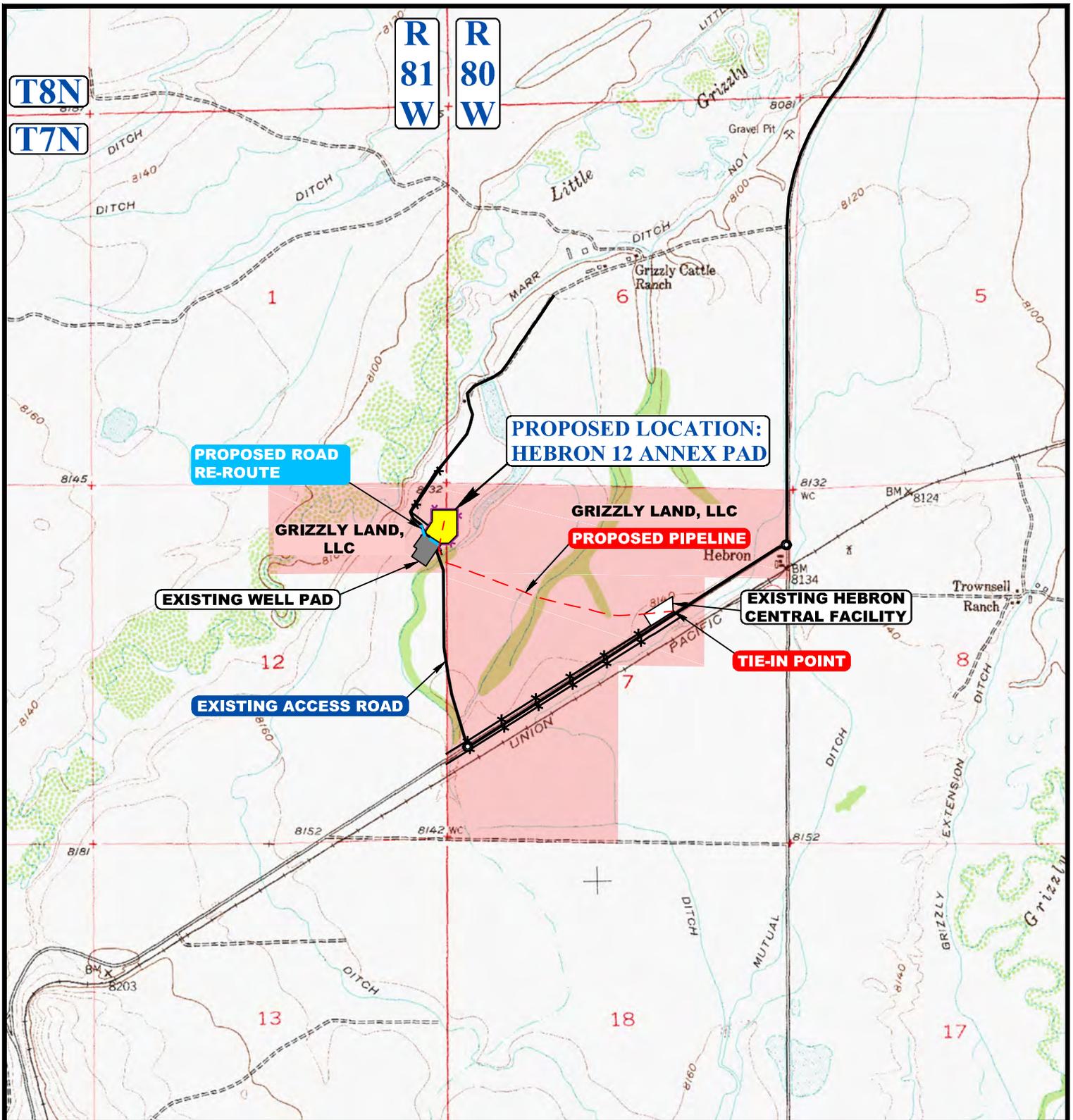
HEBRON 12 ANNEX PAD
 NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
 NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO

SURVEYED BY	C.M., D.S.	09-01-16	SCALE
DRAWN BY	C.D.L.	09-20-16	1 : 24,000
WELL PROXIMITY MAP			TOPO C

UELS, LLC

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APPROXIMATE TOTAL PIPELINE DISTANCE = 4162' +/-

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- EXISTING ROAD
- PROPOSED ROAD
- PROPOSED PIPELINE



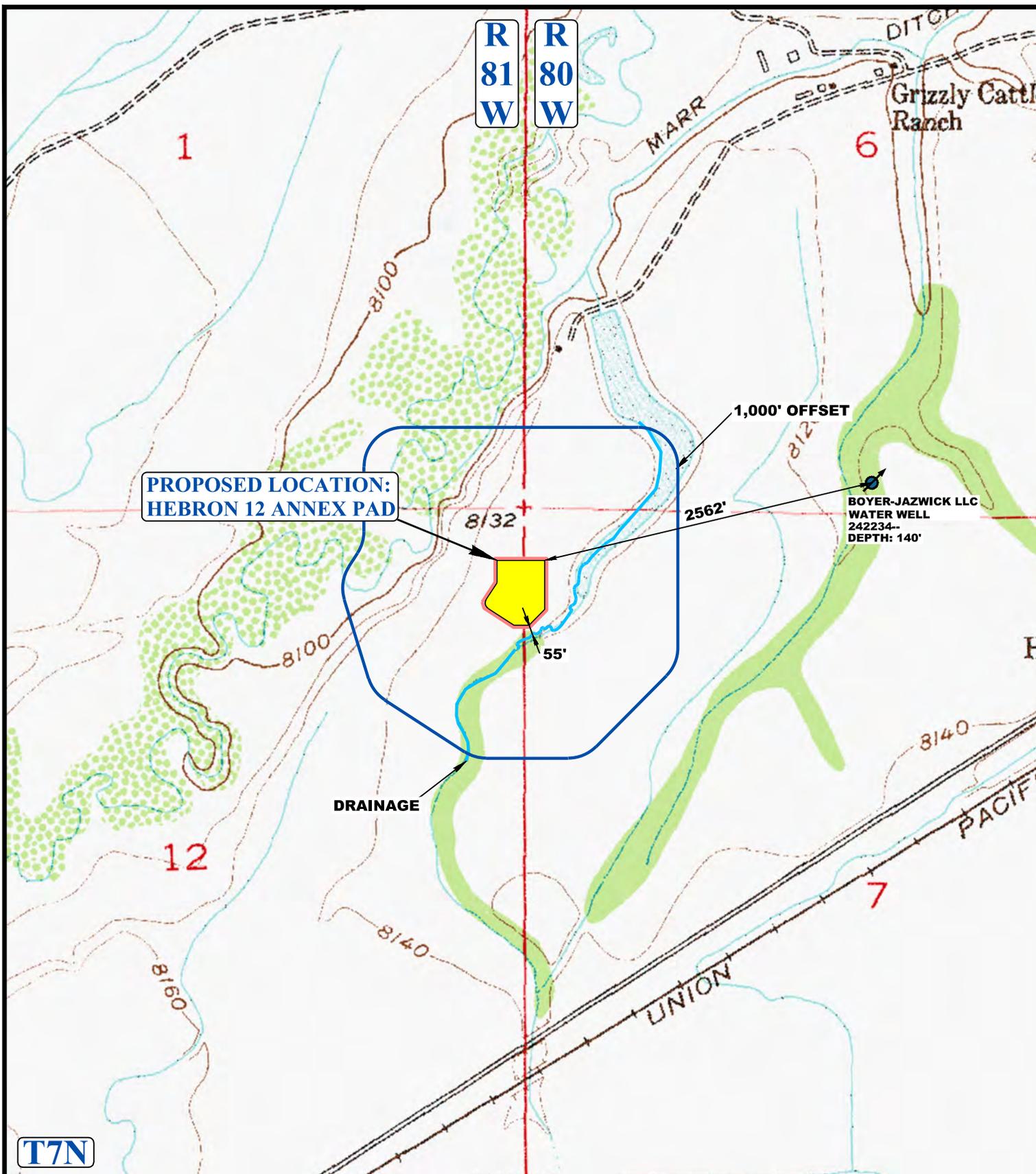
SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
 NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
 NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO

SURVEYED BY	J.C.	10-07-16	SCALE
DRAWN BY	C.D.L.	10-17-16	1 : 24,000
PIPELINE MAP			TOPO D



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**PROPOSED LOCATION:
HEBRON 12 ANNEX PAD**

1,000' OFFSET

BOYER-JAZWICK LLC
WATER WELL
242234--
DEPTH: 140'

8132

2562'

55'

DRAINAGE

T7N

LEGEND:

-  EXISTING DRAINAGE
-  1000' OFFSET BOUNDARY
-  EDGE OF DISTURBANCE
-  FLOOD PLAINS



SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO

SURVEYED BY	C.M., D.S.	09-01-16	SCALE
DRAWN BY	C.D.L.	09-20-16	1 : 12,000
HYDROLOGY MAP			TOPO W



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PHOTO: VIEW OF REFERENCE AREA

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW OF REFERENCE AREA

CAMERA ANGLE: EASTERLY

SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD
NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO

TAKEN BY	C.M., D.S.	09-01-16	
DRAWN BY	C.D.L.	09-20-16	
REFERENCE AREA PHOTOS			REF 1



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PHOTO: VIEW OF REFERENCE AREA

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW OF REFERENCE AREA

CAMERA ANGLE: WESTERLY

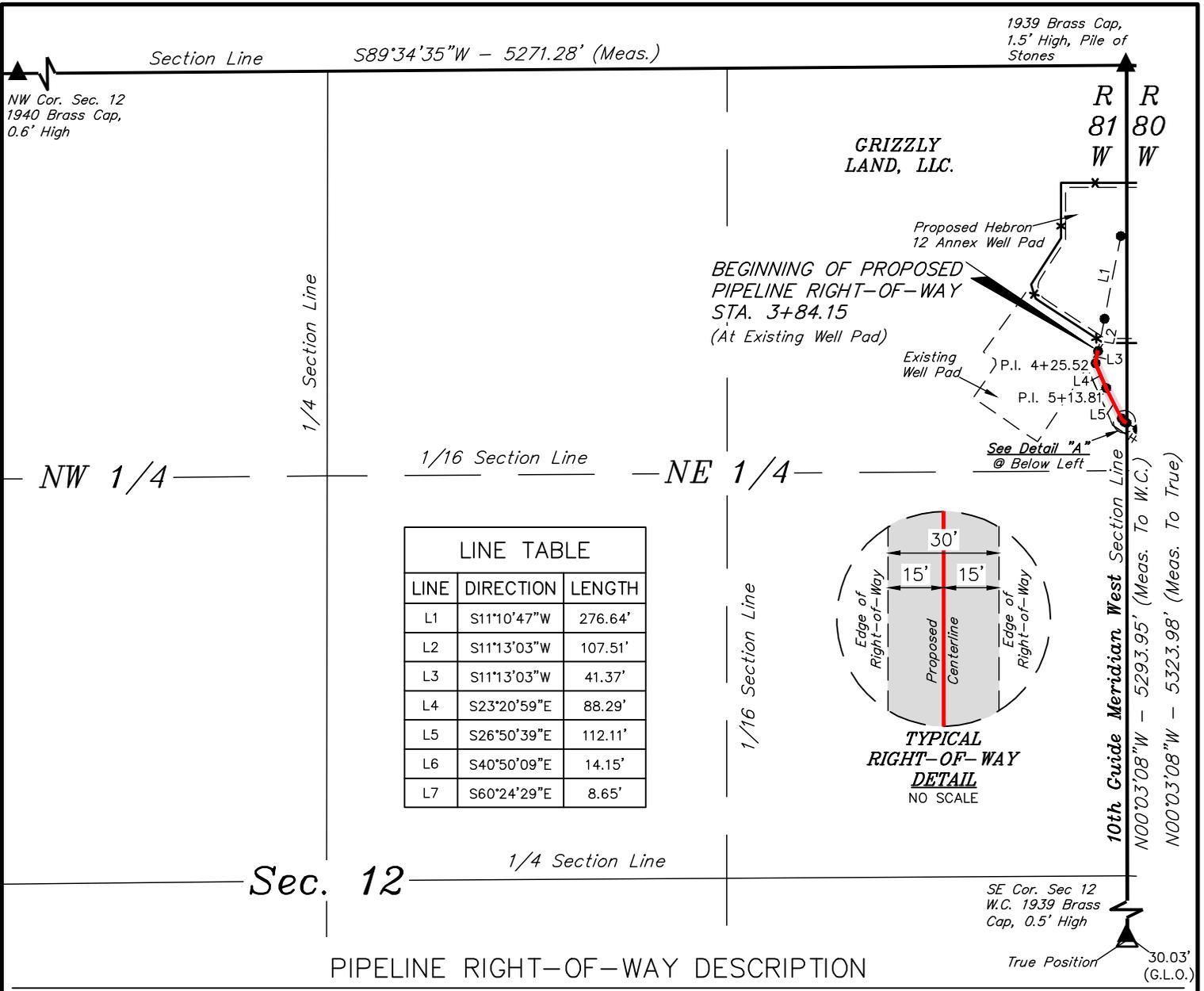
SandRidge Exploration & Production, LLC

**HEBRON 12 ANNEX PAD
 NE 1/4 NE 1/4, SECTION 12, T7N, R81W, 6th P.M. &
 NW 1/4 NW 1/4, SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO**

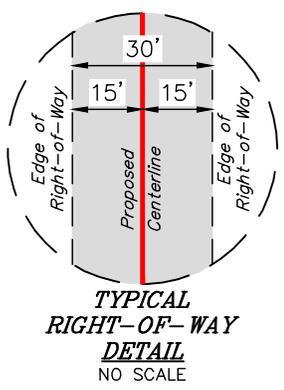
TAKEN BY	C.M., D.S.	09-01-16	
DRAWN BY	C.D.L.	09-20-16	
REFERENCE AREA PHOTOS			REF 2



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LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S11°10'47"W	276.64'
L2	S11°13'03"W	107.51'
L3	S11°13'03"W	41.37'
L4	S23°20'59"E	88.29'
L5	S26°50'39"E	112.11'
L6	S40°50'09"E	14.15'
L7	S60°24'29"E	8.65'



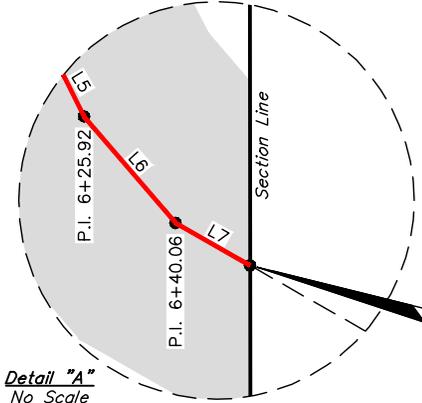
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 NE 1/4 OF SECTION 12, T7N, R81W, 6th P.M., WHICH BEARS S05°40'54"W 942.16' FROM THE NORTHEAST CORNER OF SAID SECTION 12, THENCE S11°13'03"W 41.37'; THENCE S23°20'59"E 88.29'; THENCE S26°50'39"E 112.11'; THENCE S40°50'09"E 14.15'; THENCE S60°24'29"E 8.65' TO A POINT ON THE EAST LINE OF THE NE 1/4 NE 1/4 OF SAID SECTION 12, WHICH BEARS S00°03'08"E 1174.18' FROM THE NORTHEAST CORNER OF SAID SECTION 12. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.182 ACRES MORE OR LESS.

BEGINNING OF PIPELINE STA. 3+84.15 BEARS S05°40'54"W 942.16' FROM THE NORTHEAST CORNER OF SECTION 12, T7N, R81W, 6th P.M..

END OF PIPELINE ON GRIZZLY LAND, LLC. LANDS IN SECTION 12 STA. 6+48.72 BEARS S00°03'08"E 1174.18' FROM THE NORTHEAST CORNER OF SECTION 12, T7N, R81W, 6th P.M.

- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)



END OF PROPOSED PIPELINE RIGHT-OF-WAY ON GRIZZLY LAND, LLC. LANDS IN SEC. 12 STA. 6+48.72 (At Section Line)



ACREAGE / LENGTH TABLE			
PROPERTY OWNER	FEET	ACRES	RODS
GRIZZLY LAND, LLC	264.57	0.182	16.03

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN 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.

NOTES:

- Basis of bearings is a G.P.S. observation.

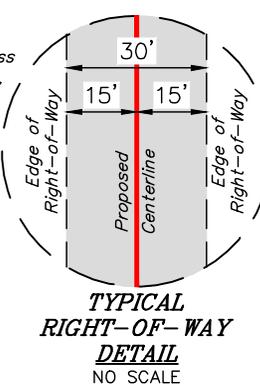
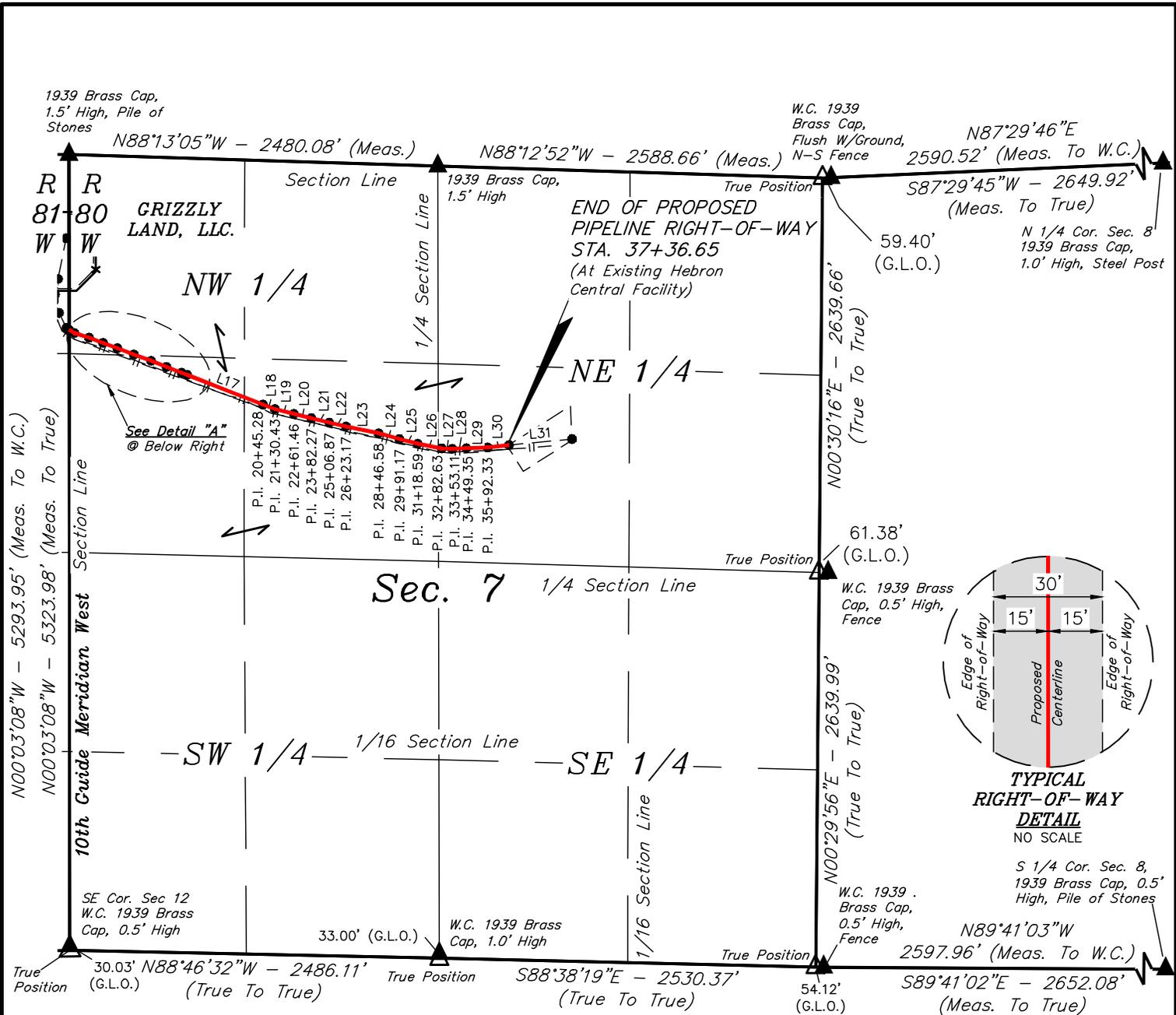
SandRidge Exploration & Production, LLC

HEBRON 12 ANNEX PAD PIPELINE
SECTION 12, T7N, R81W, 6th P.M.
JACKSON COUNTY, COLORADO

SURVEYED BY	J.C.	10-07-16	SCALE
DRAWN BY	S.O.	10-11-16	1" = 500'

PIPELINE R-O-W

UELS, LLC
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Vernal, UT 84078 * (435) 789-1017

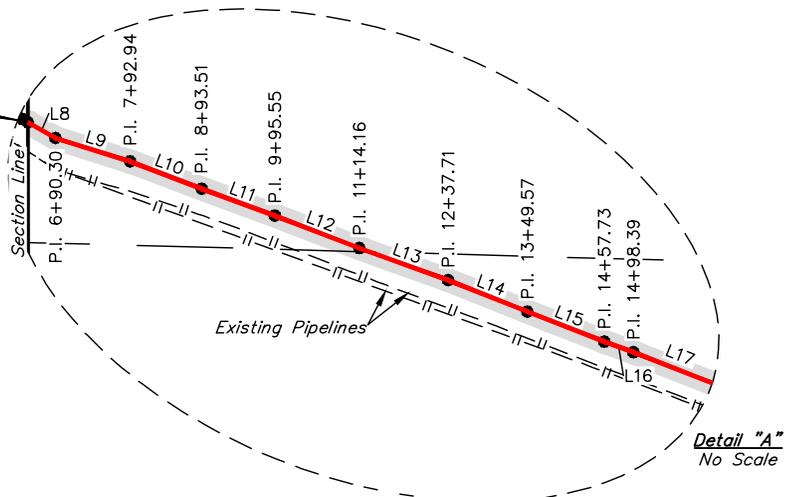


BEGINNING OF PROPOSED PIPELINE RIGHT-OF-WAY ON GRIZZLY LAND, LLC. LANDS IN SEC. 7 STA. 6+48.72 (At Section Line)

BEGINNING OF PIPELINE ON GRIZZLY LAND, LLC. LANDS IN SECTION 12 STA. 6+48.72 BEARS S00°03'08\"/>

END OF PIPELINE STA. 37+36.65 BEARS S14°24'45\"/>

- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)



ACREAGE / LENGTH TABLE			
PROPERTY OWNER	FEET	ACRES	RODS
GRIZZLY LAND, LLC	3087.93	2.127	187.15

CERTIFICATE OF ACCURACY
 THIS IS TO CERTIFY THAT THE ABOVE PLAN 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
 10-11-16

NOTES:
 • Basis of bearings is a G.P.S. observation.

SandRidge Exploration & Production, LLC

**HEBRON 12 ANNEX PAD PIPELINE
 SECTION 7, T7N, R80W, 6th P.M.
 JACKSON COUNTY, COLORADO**

SURVEYED BY	J.C.	10-07-16	SCALE
DRAWN BY	S.O.	10-11-16	1" = 1000'

PIPELINE R-O-W



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

PIPELINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE WEST LINE OF THE NW 1/4 NW 1/4 OF SECTION 7, T7N, R80W, 6th P.M., WHICH BEARS S00°03'08"E 1174.18' FROM THE NORTHWEST CORNER OF SAID SECTION 7, THENCE S60°24'29"E 41.58'; THENCE S72°40'43"E 102.64'; THENCE S69°17'14"E 100.58'; THENCE S69°52'35"E 102.04'; THENCE S69°05'44"E 118.60'; THENCE S70°12'54"E 123.55'; THENCE S68°25'09"E 111.86'; THENCE S68°50'10"E 108.16'; THENCE S70°03'50"E 40.67'; THENCE S68°40'28"E 546.89'; THENCE S69°28'46"E 85.14'; THENCE S75°40'42"E 131.04'; THENCE S76°07'14"E 120.81'; THENCE S76°28'38"E 124.60'; THENCE S76°53'48"E 116.30'; THENCE S78°17'57"E 223.41'; THENCE S74°37'19"E 144.59'; THENCE S75°35'22"E 127.42'; THENCE S79°01'33"E 164.04'; THENCE S88°25'01"E 70.48'; THENCE N87°51'06"E 96.24'; THENCE N88°14'00"E 142.97'; THENCE N83°35'33"E 144.32' TO A POINT IN THE SW 1/4 NE 1/4 OF SAID SECTION 7, WHICH BEARS S14°24'45"E 1927.74' FROM THE NORTH 1/4 CORNER OF SAID SECTION 7. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 2.127 ACRES MORE OR LESS.

LINE TABLE		
LINE	DIRECTION	LENGTH
L8	S60°24'29"E	41.58'
L9	S72°40'43"E	102.64'
L10	S69°17'14"E	100.58'
L11	S69°52'35"E	102.04'
L12	S69°05'44"E	118.60'
L13	S70°12'54"E	123.55'
L14	S68°25'09"E	111.86'
L15	S68°50'10"E	108.16'
L16	S70°03'50"E	40.67'
L17	S68°40'28"E	546.89'
L18	S69°28'46"E	85.14'
L19	S75°40'42"E	131.04'
L20	S76°07'14"E	120.81'
L21	S76°28'38"E	124.60'
L22	S76°53'48"E	116.30'
L23	S78°17'57"E	223.41'
L24	S74°37'19"E	144.59'
L25	S75°35'22"E	127.42'
L26	S79°01'33"E	164.04'
L27	S88°25'01"E	70.48'
L28	N87°51'06"E	96.24'
L29	N88°14'00"E	142.97'
L30	N83°35'33"E	144.32'
L31	N84°36'37"E	425.31'

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.



REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

Sheet 2 of 2

NOTES:
• Basis of bearings is a G.P.S. observation.



SandRidge Exploration & Production, LLC

**HEBRON 12 ANNEX PAD PIPELINE
SECTION 7, T7N, R80W, 6th P.M.
JACKSON COUNTY, COLORADO**

SURVEYED BY	J.C.	10-07-16	SCALE
DRAWN BY	S.O.	10-11-16	N/A
PIPELINE R-O-W			



UELS, LLC
Corporate Office * 85 South 200 East
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