

T7N, R80W, 6th P.M.

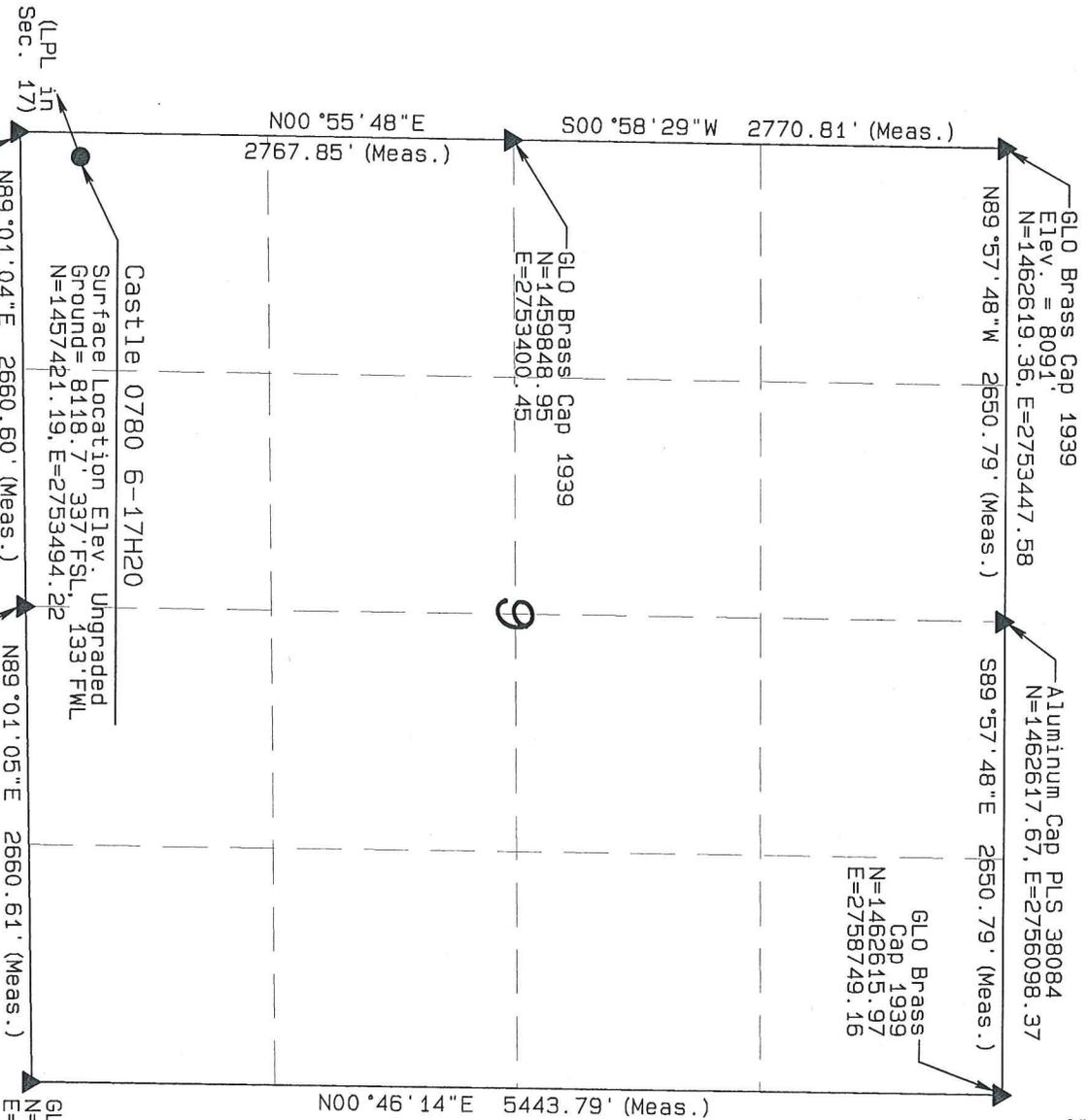
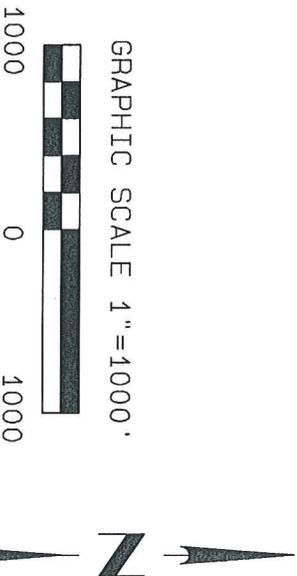
SandRidge Exploration & Production, LLC

Well 1 location, Castle 0780 6-17H20 located as shown in the SW1/4SW1/4 of Section 9, T7N, R80W, 6th P.M., Jackson County, Colorado.

BASIS OF BEARINGS:
 US STATE PLANE 1983
 CO NORTH 0501 GRID

BASIS OF ELEVATION

SPOT ELEVATION AT THE NW CORNER OF SECTION 9, T7N, R80W, 6TH PM, TAKEN FROM THE COALMONT QUADRANGLE USGS 7.5 MIN QUAD (TOPOGRAPHIC MAP) WITH SAID ELEVATION MARKED AS BEING 8091 FEET.



GL0 Brass Cap 1939
 Elev. = 8091
 N=1462619.36, E=2753447.58

Aluminum Cap PLS 38084
 N=1462617.67, E=2756098.37

GL0 Brass Cap 1939
 N=1459848.95, E=2753400.45

GL0 Brass Cap 1939
 N=1462615.97, E=2758749.16

Aluminum Cap PLS 38084
 N=1457127.08, E=2756015.73

GL0 Brass Cap 1939
 N=1457172.68, E=27588675.95

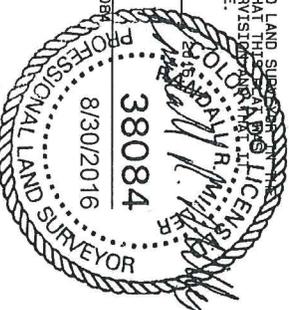
Castle 0780 6-17H20
 Surface Location Elev. Ungraded
 Ground = 8118.7', 337' FSL, 133' FWL
 N=1457421.19, E=2753494.22

Alum. Cap 2008 PLS 17492
 N=1457081.47, East=2753355.52

I RANDALL R. MILLER, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE BY ME AND/OR UNDER MY DIRECT SUPERVISION AND THAT IT IS ACCURATE TO THE BEST OF MY KNOWLEDGE.

DATED THIS _____ DAY OF _____

RANDALL R. MILLER, COLORADO PLS NO. 38084



LEGEND

- 90° SYMBOL
- FOUND CORNER
- PROPOSED WELL
- PROPOSED BHL/LPL

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE=40.556533° N	LATITUDE=40.585633° N
LONGITUDE=106.394203° W	LONGITUDE=106.387532° W
	PDOP = 1.422
NAD 83 (LANDING POINT LOCATION)	
LATITUDE=40.563721° N	
LONGITUDE=106.393969° W	

NORTH PARK ENGINEERING & CONSULTING, INC.

P.O. BOX 395
 WALDEN, CO 80480
 (970) 723-3725

DATE OF FIELD WORK: FEB 19, 2016 DRAWING COMPLETION: MAR 16, 2016
 SURVEYED BY: RRM DRAWN BY: TKH CHECKED BY: RRM
 REVISED: 8/22/16

T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

Well location, Castle 0780 6-17H20 located as shown in the S1/2SE1/4 of Section 8, T7N, R80W, 6th P.M., Jackson County, Colorado.

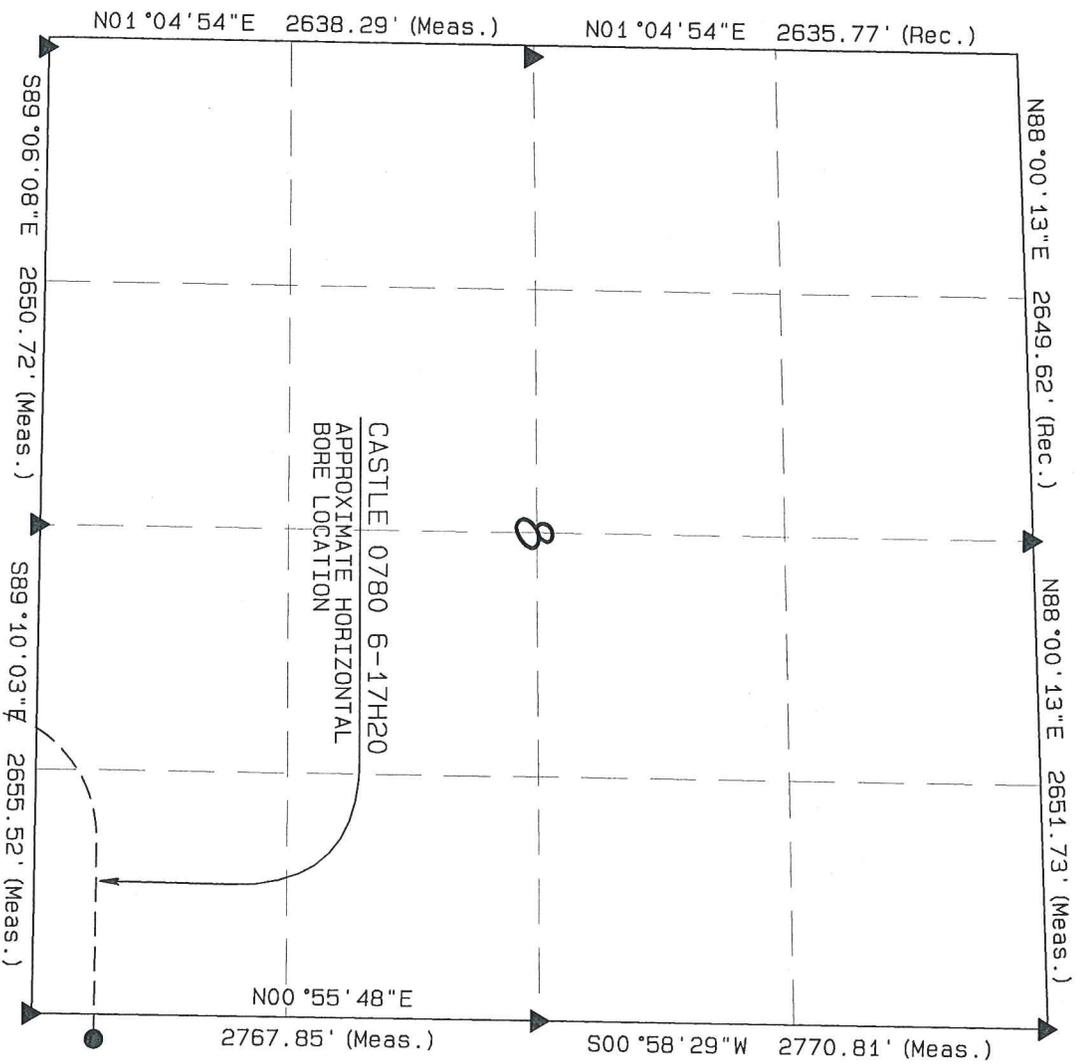
BASIS OF BEARINGS:
 US STATE PLANE 1983
 CO NORTH 0501 GRID

BASIS OF ELEVATION

SPOT ELEVATION AT THE NW CORNER OF SECTION 9, T7N, R80W, 6TH PM, TAKEN FROM THE COALMONT QUADRANGLE, USGS 7.5 MIN QUAD (TOPOGRAPHIC MAP) WITH SAID ELEVATION MARKED AS BEING 8091 FEET.

GRAPHIC SCALE 1"=1000'

1000 0 1000



CASTLE 0780 6-17H20
 APPROXIMATE HORIZONTAL
 BORE LOCATION

LEGEND

- 90° SYMBOL
- FOUND CORNER
- PROPOSED WELL
- PROPOSED BHL/LPL

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE=40.556533° N	LATITUDE=40.585633° N
LONGITUDE=106.394203° W	LONGITUDE=106.384532° W
	PDOP = 1.422
NAD 83 (LANDING POINT LOCATION)	
LATITUDE=40.563721° N	
LONGITUDE=106.393989° W	

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 SURVEYED BY: RHM DRAWN BY: TTH CHECKED BY: RHM
 REVISED: 9/14/16



I RANDALL R. MILLER, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THIS PLAT WAS MADE BY ME AND/OR UNDER MY DIRECT SUPERVISION AND THAT IT IS ACCURATE TO THE BEST OF MY KNOWLEDGE.

DATED THIS _____ DAY OF _____

RANDALL R. MILLER, COLORADO PLS NO. 38084

T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

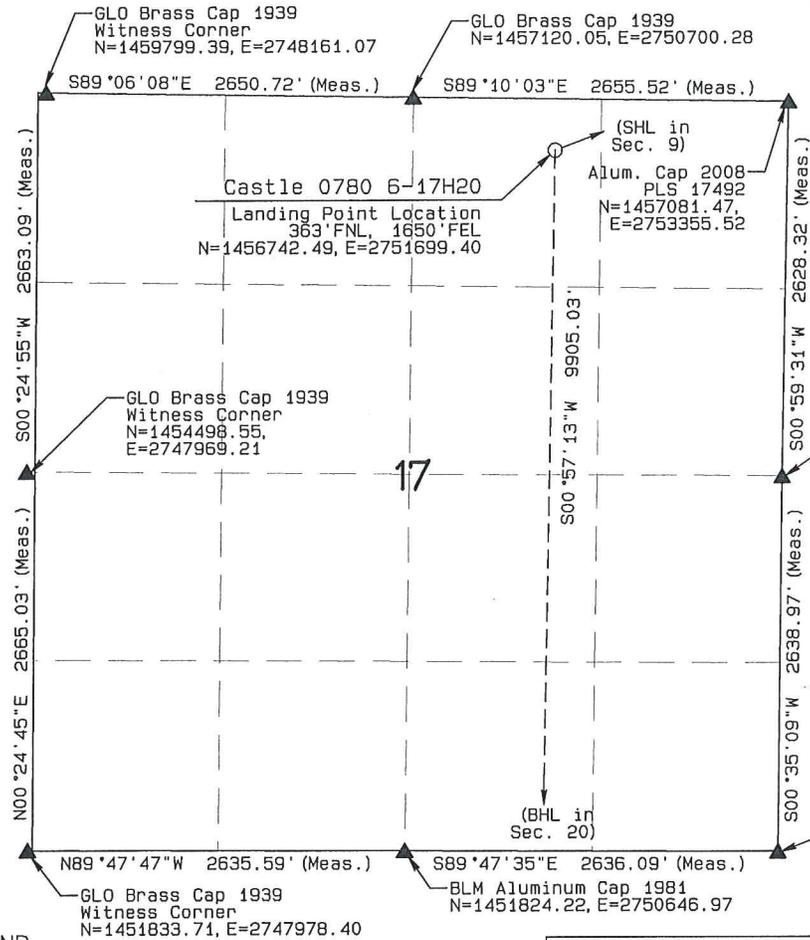
Landing Point Location, Castle 0780 6-17H20
as shown in the NW1/4NE1/4 of Section 17, T7N,
R80W, 6th P.M., Jackson County, Colorado.

BASIS OF BEARINGS:

US STATE PLANE 1983
CO NORTH 0501 GRID

BASIS OF ELEVATION

SPOT ELEVATION AT THE NW CORNER OF SECTION 9,
T7N, R80W, 6TH PM, TAKEN FROM THE COALMONT
QUADRANGLE, USGS 7.5 MIN QUAD (TOPOGRAPHIC MAP)
WITH SAID ELEVATION MARKED AS BEING 8091 FEET.



Alum. Cap 2008
PLS 17492
N=1454453.54,
E=2753310.02

GRAPHIC SCALE 1"=1000'



I RANDALL R. MILLER, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE PLANS MADE BY ME AND/OR UNDER MY DIRECT SUPERVISION AND WHICH ARE ACCURATE TO THE BEST OF MY KNOWLEDGE.

DATED THIS _____ DAY OF _____

RANDALL R. MILLER, COLORADO PLS NO. 38084
GLO Brass Cap 1939
N=1451814.71, E=2753283.04



LEGEND

- 90° SYMBOL FOUND CORNER
- PROPOSED WELL
- PROPOSED BHL/LPL

NAD 83 (SURFACE LOCATION)	LATITUDE=40.585633°N LONGITUDE=106.387532°W PDOP = 1.422
NAD 83 (TARGET BOTTOM HOLE)	LATITUDE=40.556533°N LONGITUDE=106.394203°W
NAD 83 (LANDING POINT LOCATION)	LATITUDE=40.583721°N LONGITUDE=106.393969°W

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WALDEN, CO 80480
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DATE OF FIELD WORK: FEB 19, 2016 DRAWING COMPLETION: MAR 16, 2016
SURVEYED BY: PFM DRAWN BY: TKH CHECKED BY: PFM
REVISED: 8/22/16

T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

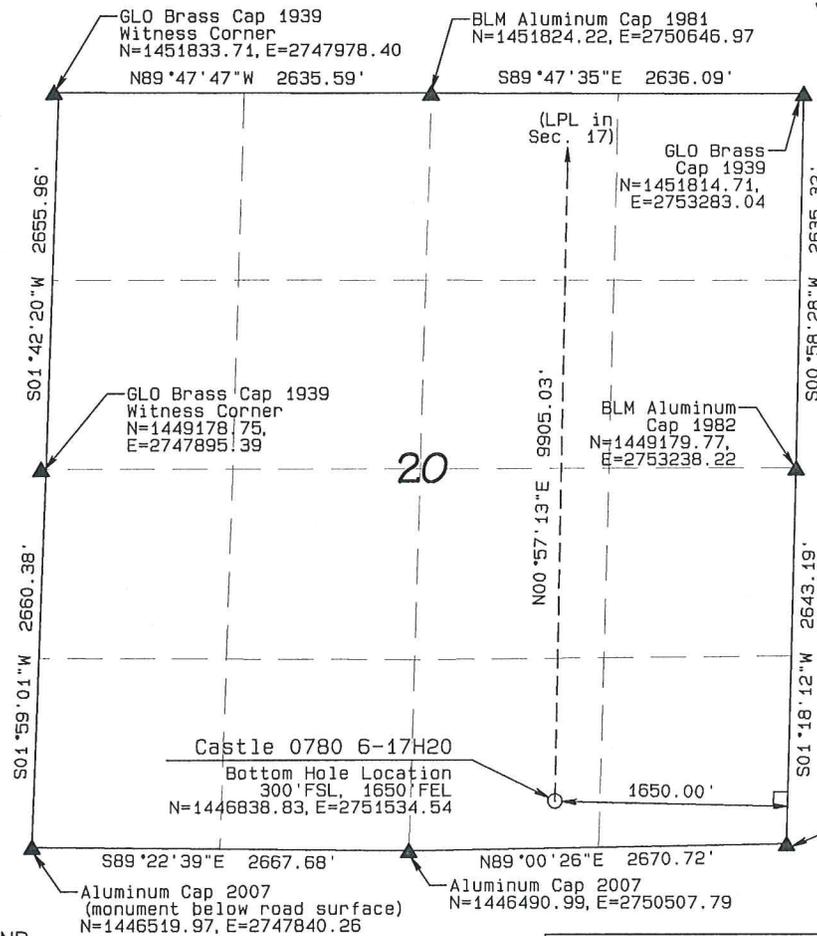
Bottom Hole Location, Castle 0780 6-17H20 as shown in the SW1/4SE1/4 of Section 20, T7N, R80W, 6th P.M., Jackson County, Colorado.

BASIS OF BEARINGS:

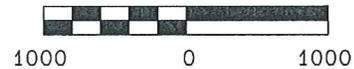
US STATE PLANE 1983
CO NORTH 0501 GRID

BASIS OF ELEVATION

SPOT ELEVATION AT THE NW CORNER OF SECTION 9, T7N, R80W, 6TH PM, TAKEN FROM THE COALMONT QUADRANGLE, USGS 7.5 MIN QUAD (TOPOGRAPHIC MAP) WITH SAID ELEVATION MARKED AS BEING 8091 FEET.



GRAPHIC SCALE 1"=1000'



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DATED THIS _____ DAY OF _____

RANDALL R. MILLER, COLORADO PLS NO. 38084



GLO Brass Cap 1939
N=1446537.26, E=2753178.10

LEGEND

- 90° SYMBOL FOUND CORNER
- PROPOSED WELL
- PROPOSED BHL/LPL

	NAD 83 (SURFACE LOCATION)
	LATITUDE=40.585633°N LONGITUDE=106.387532°W PDOP = 1.422
	NAD 83 (TARGET BOTTOM HOLE)
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	NAD 83 (LANDING POINT LOCATION)
	LATITUDE=40.583721°N LONGITUDE=106.393969°W

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