

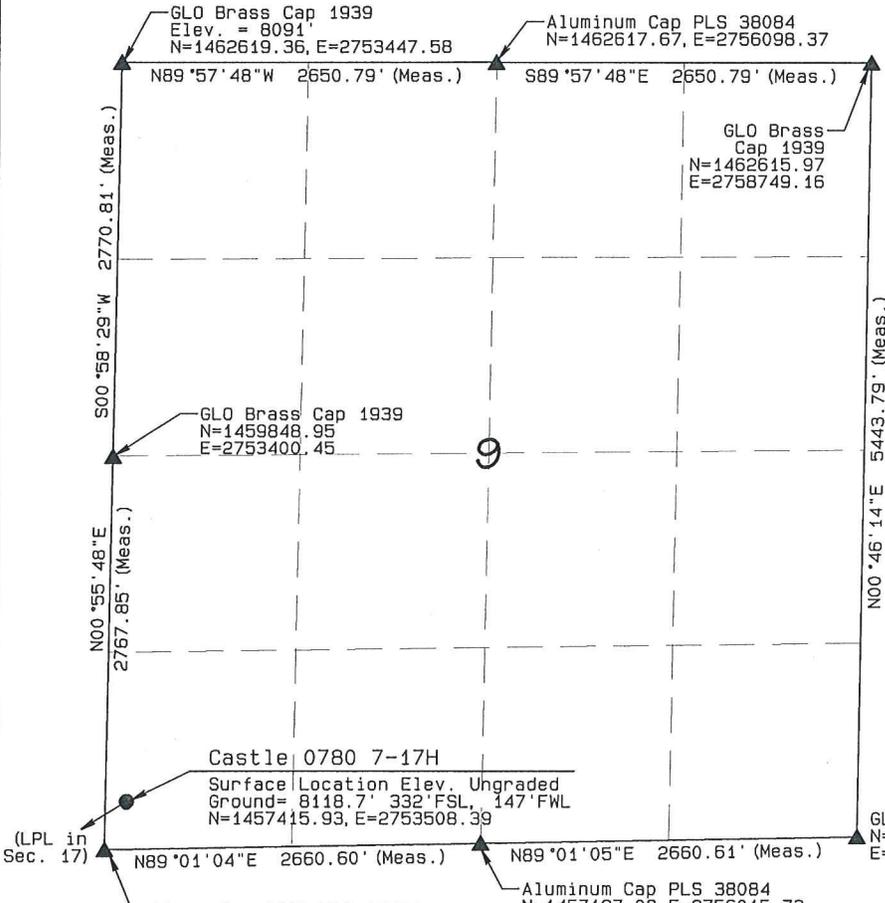
T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

Well location, Castle 0780 7-17H20 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.



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 MADE 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 (SURFACE LOCATION)
	LATITUDE=40.585619°N
	LONGITUDE=106.387480°W PDOP = 1.411
	NAD 83 (TARGET BOTTOM HOLE)
	LATITUDE=40.556583°N
	LONGITUDE=106.391826°W
	NAD 83 (LANDING POINT LOCATION)
	LATITUDE=40.583699°N
	LONGITUDE=106.391593°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: RFM	DRAWN BY: TKH
REVISED: 8/22/16	CHECKED BY: RFM

T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

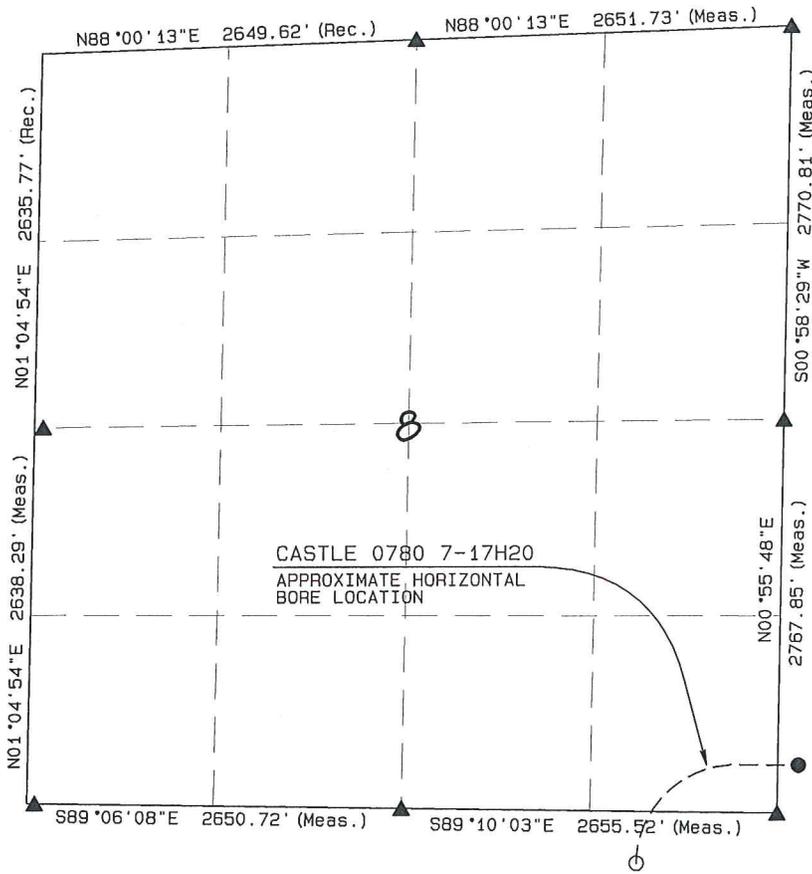
Well location, Castle 0780 7-17H20 located as shown in the SE1/4SE1/4 of Section 8, T7N, R80W, 6th P.M., Jackson County, Colorado.

BASIS OF BEARINGS:

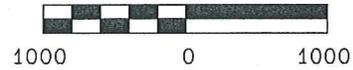
US STATE PLANE 1983
CO NORTH 0501 GRID

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'



I RANDALL R. MILLER, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THIS PLAN 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 (SURFACE LOCATION)
	LATITUDE=40.585619°N LONGITUDE=106.387480°W PDOP = 1.411
	NAD 83 (TARGET BOTTOM HOLE)
	NAD 83 (LANDING POINT LOCATION)
	LATITUDE=40.556583°N LONGITUDE=106.391826°W
	LATITUDE=40.583699°N LONGITUDE=106.391593°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: RFM	DRAWN BY: TKH CHECKED BY: RFM
REVISED: 9/14/16	

T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

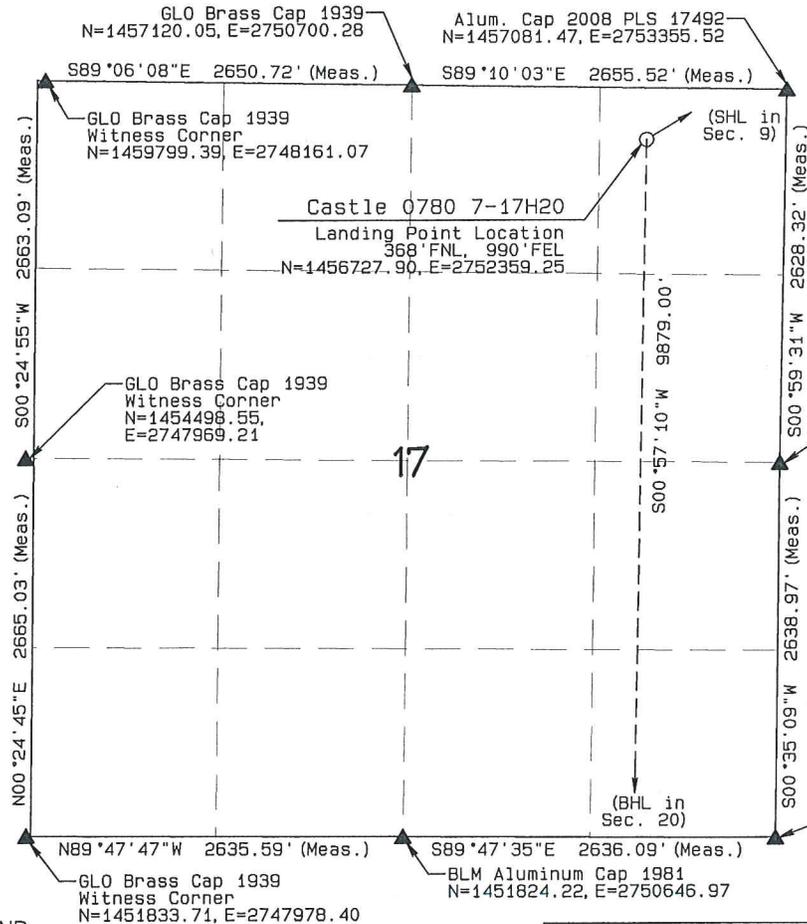
Landing Point Location, Castle 0780 7-17H20
as shown in the NE1/4NE1/4 of Section 17, T7N,
R80W, 6th P.M., Jackson County, Colorado.

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 THIS SURVEY WAS MADE BY ME AND/OR UNDER MY DIRECT SUPERVISION AND IS 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=40.585619°N LONGITUDE=106.387480°W PDOP = 1.411
	NAD 83 (TARGET BOTTOM HOLE)
	LATITUDE=40.556583°N LONGITUDE=106.391826°W
	NAD 83 (LANDING POINT LOCATION)
	LATITUDE=40.583699°N LONGITUDE=106.391593°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: RFM	DRAWN BY: TKH CHECKED BY: RFM
REVISED: 8/22/16	

T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

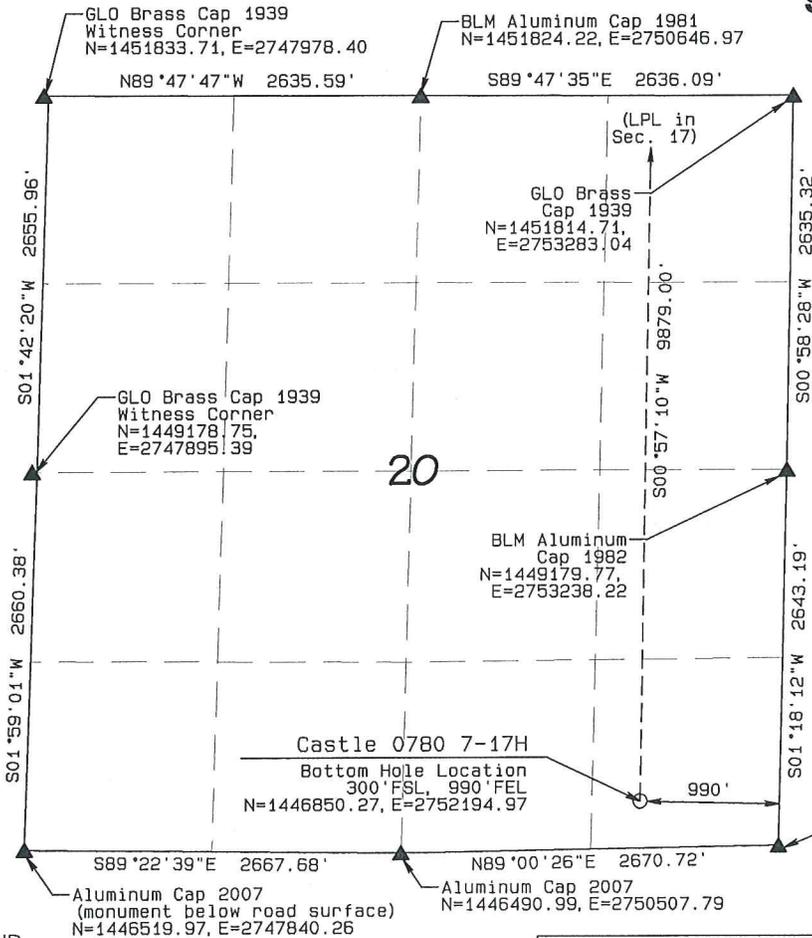
Bottom Hole Location, Castle 0780 7-17H20 as shown in the SE1/4SE1/4 of Section 20, T7N, R80W, 6th P.M., Jackson County, Colorado.

BASIS OF BEARINGS:

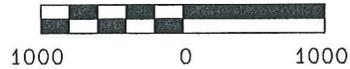
US STATE PLANE 1983
CO NORTH 0501 GRID

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'



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 (SURFACE LOCATION)
	LATITUDE=40.585619°N
	LONGITUDE=106.387480°W PDOP = 1.411
	NAD 83 (TARGET BOTTOM HOLE)
	NAD 83 (LANDING POINT LOCATION)
	LATITUDE=40.556583°N
	LONGITUDE=106.391826°W
	LATITUDE=40.583699°N
	LONGITUDE=106.391593°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: FFM DRAWN BY: TKH CHECKED BY: FFM
REVISED: 8/22/16