

T7N, R80W, 6th P.M.

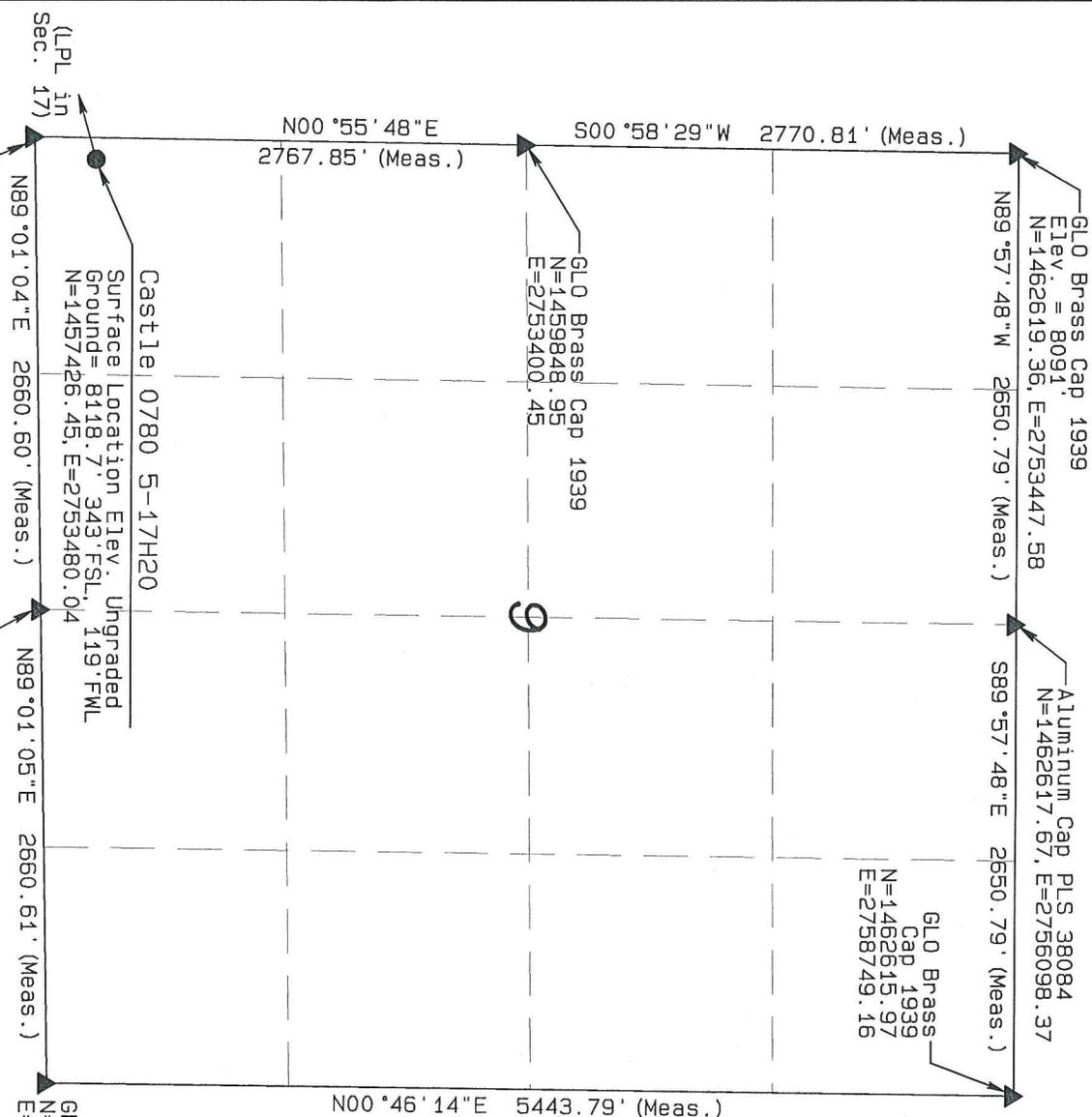
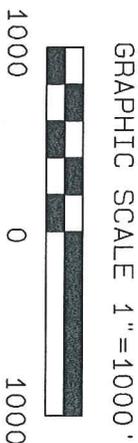
SandRidge Exploration & Production, LLC

Well 1 location, Castle 0780 5-17H20 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

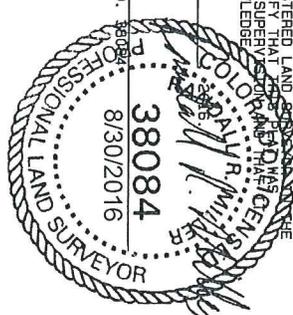
SPOT ELEVATION AT THE NW CORNER OF SECTION 9, T7N, R80W, 6TH PM, TAKEN FROM THE COALMONT QUADRANGLE, USGS 7.5 MIN QUAD (TOPOGRAPHIC MAP) WITH SAID ELEVATION MARKED AS BEING 8091 FEET.



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

DATED THIS _____ DAY OF _____

RANDALL R. MILLER, COLORADO PLS. NO. 38084
 8/30/2016



LEGEND

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

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

Aluminum Cap PLS 38084
 N=1457127.08, E=2756015.73

NAD 83 (SURFACE LOCATION)
 LATITUDE=40.585647°N
 LONGITUDE=106.387583°W
 PDOP = 1.333

NAD 83 (LANDING POINT LOCATION)
 LATITUDE=40.563746°N
 LONGITUDE=106.396345°W

NAD 83 (TARGET BOTTOM HOLE)
 LATITUDE=40.556483°N
 LONGITUDE=106.396379°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: RBM DRAWN BY: TKH CHECKED BY: RBM
 REVISED: 8/22/16

T7N, R80W, 6th P.M.

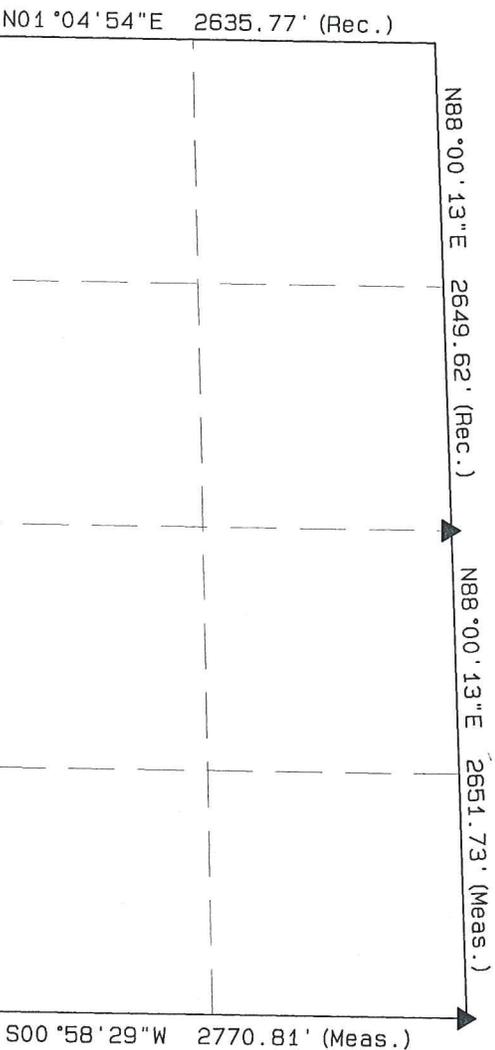
SandRidge Exploration & Production, LLC

Well location, Castle 0780 5-17H20 located as shown in the S1/2SE1/4 of Section 8, T7N, R80W, 6th P.M., Jackson County, Colorado.

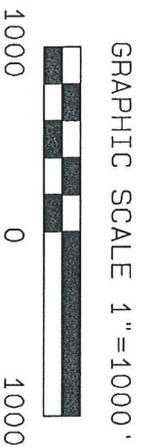
BASIS OF BEARINGS:
 US STATE PLANE 1983
 CO NORTH 0501 GRID

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.



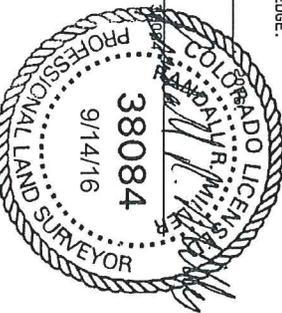
CASTLE 0780 5-17H20
 APPROXIMATE HORIZONTAL
 BORE LOCATION



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



NORTH PARK ENGINEERING & CONSULTING, INC.
 P.O. Box 395
 WALDEN, CO 80480
 (970) 723-3725

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

NAD 83 (SURFACE LOCATION)	LATITUDE=40.585647°N LONGITUDE=106.387583°W	PDOP = 1.333
NAD 83 (TARGET BOTTOM HOLE)	LATITUDE=40.556483°N LONGITUDE=106.396579°W	
NAD 83 (LANDING POINT LOCATION)	LATITUDE=40.583746°N LONGITUDE=106.396345°W	

DATE OF FIELD WORK: FEB 19, 2016
 DRAWING COMPLETION: MAR 16, 2016
 SURVEYED BY: RHM
 DRAWN BY: THH
 CHECKED BY: RHM
 REVISED: 9/14/16

T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

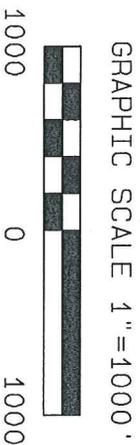
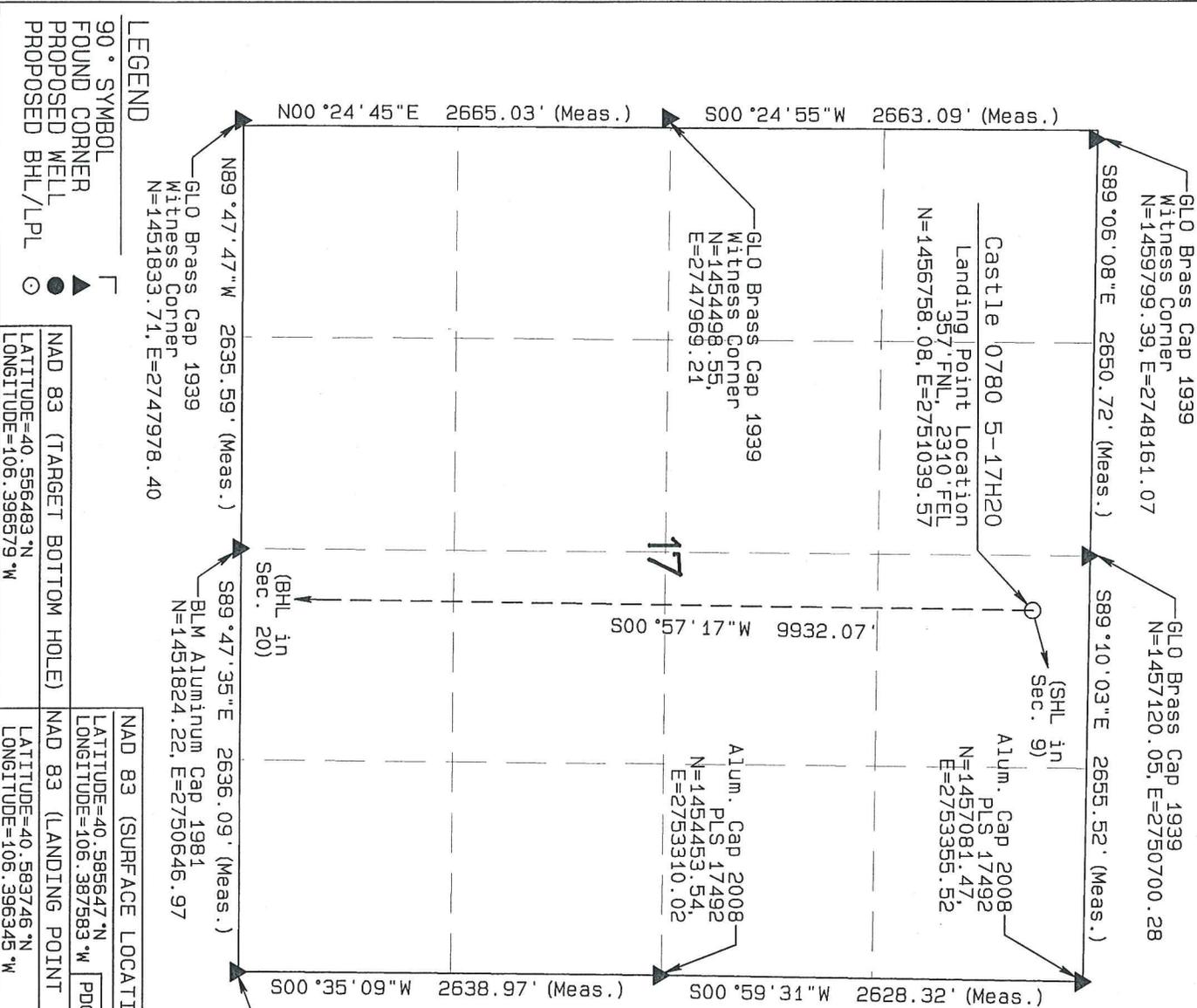
Landing Point Location, Castle 0780 5-17H20
 as shown in the NW1/4NE1/4 of Section 17, T7N,
 R80W, 6th P.M., Jackson County, Colorado.

BASIS OF BEARINGS:

US STATE PLANE 1983
 CO NORTH 0501 GRID

BASIS OF ELEVATION

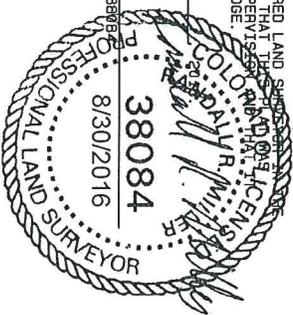
SPOT ELEVATION AT THE NW CORNER OF SECTION 9,
 T7N, R80W, 6TH PM, TAKEN FROM THE COALMONT
 QUADRANGLE, USGS 7.5 MIN QUAD (TOPOGRAPHIC MAP)
 WITH SAID ELEVATION MARKED AS BEING 8091 FEET.



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

DATED THIS _____ DAY OF _____

RANDALL R. MILLER, COLORADO PLS NO. 38084
 8/30/2016



GLO Brass Cap 1939
 N=1451814.71, E=2753283.04

LEGEND

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

GLO Brass Cap 1939
 Witness Corner
 N=1451833.71, E=2747978.40

BLM Aluminum Cap 1984
 N=1451824.22, E=2750646.97

NAD 83 (SURFACE LOCATION)

LATITUDE=40.585647°N
 LONGITUDE=106.387583°W
 PDOP = 1.333

NAD 83 (LANDING POINT LOCATION)

LATITUDE=40.583746°N
 LONGITUDE=106.396345°W

NORTH PARK ENGINEERING & CONSULTING, INC.

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 WALDEN, CO 80460
 (970) 723-3725

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 SURVEYED BY: RHM DRAWN BY: TSH CHECKED BY: RHM
 REVISED: 8/22/16

T7N, R80W, 6th P.M.

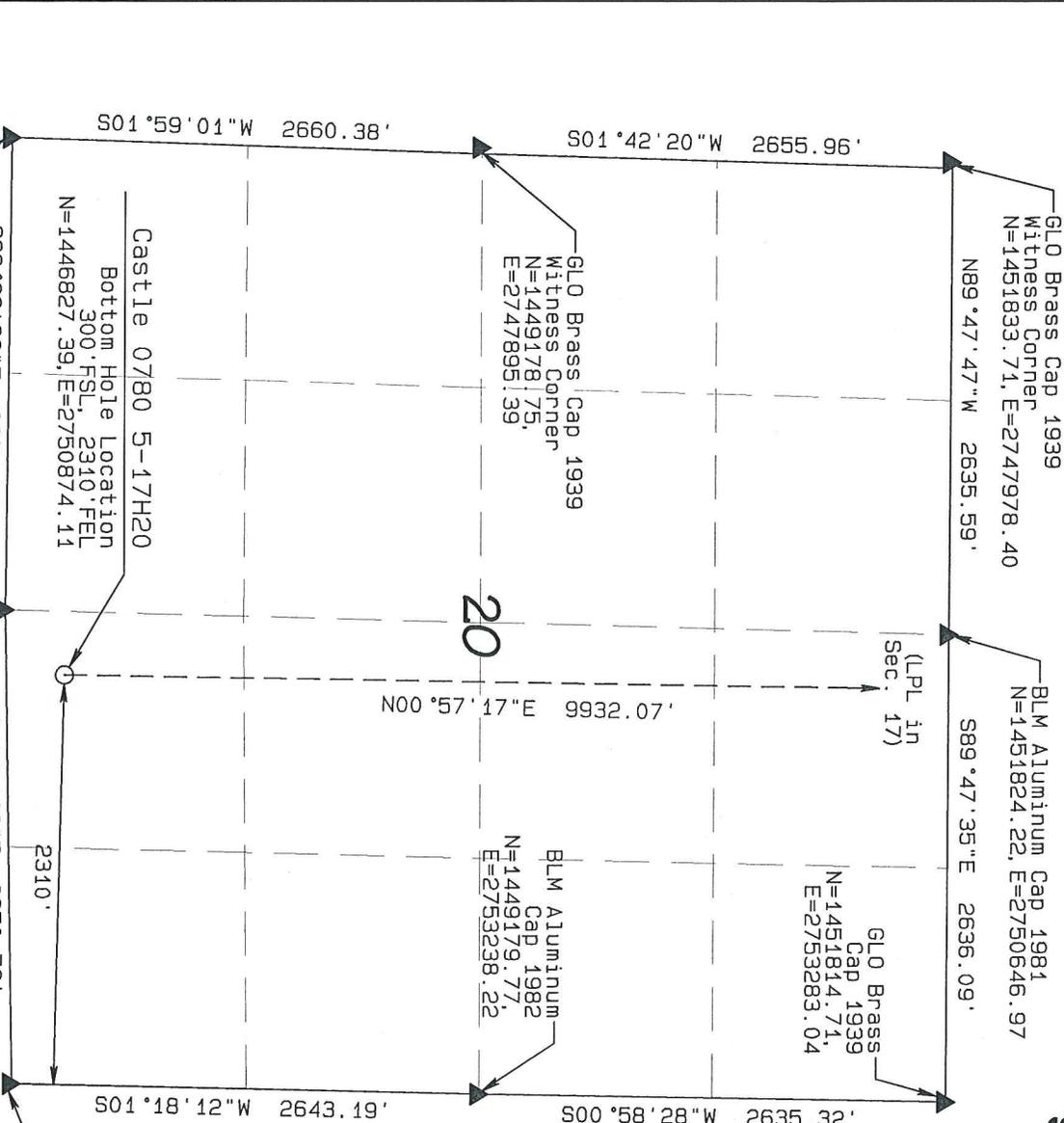
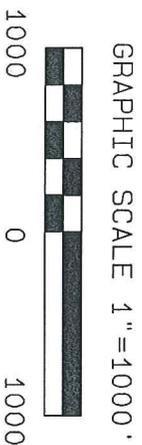
SandRidge Exploration & Production, LLC

Bottom Hole Location, Castle 0780 5-17H20 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.



I RANDALL R. MILLER, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE ABOVE INFORMATION MADE BY ME AND/OR UNDER MY DIRECT SUPERVISION 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)	LATITUDE=40.556483°N	LONGITUDE=106.396579°W
NAD 83 (LANDING POINT LOCATION)	LATITUDE=40.563746°N	LONGITUDE=106.396345°W
NAD 83 (SURFACE LOCATION)	LATITUDE=40.585647°N	LONGITUDE=106.387583°W
PDDP = 1.333		

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REVISED: 8/22/16