

T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

Surface Location, RAY RANCH 0780 5-16H located as shown in the NE1/4SW1/4 of SECTION 16., 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 NE CORNER OF SECTION 21, T7N, R80W, 6TH PM, TAKEN FROM THE COALMONT QUADRANGLE, USGS 7.5 MIN QUAD (TOPOGRAPHIC MAP) WITH SAID ELEVATION MARKED AS BEING 8223 FEET.

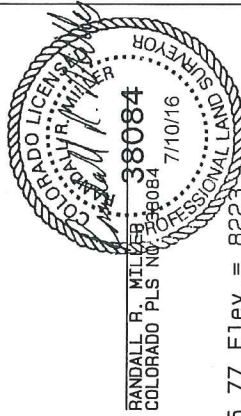
SURFACE USE
AGRICULTURAL/GRAZING

GRAPHIC SCALE 1"=1000'



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.



GLO Brass Cap 1939
N=1451727.96, E=2756595.77 Elev. = 8223

GLO Brass Cap 1939
PLS 17492 2008
N=1457081.47, E=2753355.52
N89°01'04"E 2660.60' (Meas.)

RAY RANCH 0780 5-16H
Target Bottom Hole
300' FSL, 2310' FWL
N=1456820.97, E=2755662.15

GLO Brass
Cap 1939
N=1454447.37
E=2758635.58

RAY RANCH 0780 5-16H
Landing Point Location
2062' FSL, 2310' FWL
N=1453857.95, E=2755621.38

RAY RANCH 0780 5-16H
Surface Location
Elev. Ungraded
Ground=8133'
1356' FSL, 1627' FWL
N=1453157.86, E=2754928.85

N88°35'37"W 2677.95' (Meas.)
GLO Brass Cap 1939
N=1451793.69
E=2755918.63

N89°32'35"W 2635.67' (Meas.)
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=40.573971°N
LONGITUDE=106.382214°W
PDOP=1.434

NAD 83 (TARGET BOTTOM HOLE)

LATITUDE=40.584045°N
LONGITUDE=106.379705°W

NAD 83 (LANDING POINT LOCATION)

LATITUDE=40.575911°N
LONGITUDE=106.379746°W

NORTH PARK ENGINEERING & CONSULTING, INC.

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DATE OF FIELD WORK: JUNE 16, 2016 DRAWING COMPLETION: JUNE 28, 2016
SURVEYED BY: ADL DRAWN BY: DJM CHECKED BY: RRM