

T7N, R80W, 6th P.M.

SandRidge Exploration & Production, LLC

Surface Location, RAY RANCH 0780 6-16H 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.

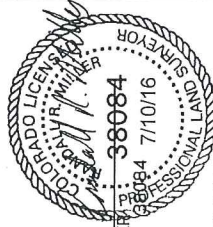
SURFACE USE  
AGRICULTURAL/GRAZING

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.



RANDALL R. MILLER  
COLORADO PLS NO. 38084 7/10/16

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 6-16H

Target Bottom Hole  
300' FNL, 1650' FWL  
N=1456809.65, E=2755001.94

GLO Brass  
Cap 1939  
N=1454447.37  
E=2758635.58

RAY RANCH 0780 6-16H  
Landing Point Location  
2041' FSL, 1650' FWL  
N=1453842.86, E=2754961.11

RAY RANCH 0780 6-16H  
Surface Location  
Elev. Ungraded  
Ground=8136  
1341' FSL, 1627' FWL  
N=1453142.86, E=2754928.85

N89°32'35"W 2635.67' (Meas.)  
GLO Brass Cap 1939  
N=1451814.71, E=2753283.04

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

LEGEND

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

NAD 83 (SURFACE LOCATION)

LATITUDE=40.573930°N  
LONGITUDE=106.382214°W  
PDOP=1.375

NAD 83 (TARGET BOTTOM HOLE)

LATITUDE=40.583996°N  
LONGITUDE=106.382082°W

NAD 83 (LANDING POINT LOCATION)

LATITUDE=40.575852°N  
LONGITUDE=106.382122°W

NORTH PARK ENGINEERING &  
CONSULTING, INC.

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

DATE OF FIELD WORK: JUNE 15, 2016 DRAWING COMPLETION: JUNE 28, 2016  
SURVEYED BY: ADL DRAWN BY: DJM CHECKED BY: RRM