

WELL LOCATION CERTIFICATE: GREEN 1-7

SECTION 1, TOWNSHIP 7 NORTH, RANGE 60 WEST, 6TH P.M.

N 88°58'42" E 5330.27'

NW SEC. 1
2½" ALUM. CAP
LS 30462

NE SEC. 1
2½" ALUM. CAP
LS 37897

(BASIS OF BEARINGS) SEE NOTE 3
N 00°38'32" W 5245.45'

1947'

GREEN 1-7

2030'

S 00°06'32" W 5250.82'

1

NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE- NON-IRRIGATED CROP
EXISTING FOOTAGES
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 400'.

PDOP= 1.3
GPS OPERATOR: BRIAN RITZ

SURFACE LOCATION
GROUND ELEVATION= 4942'
NAD83
LATITUDE= 40.606247°
LONGITUDE= 104.038158°

LATITUDE= 40°36'22.490"
LONGITUDE= 104°02'17.370"

SURFACE LOCATION
NAD27
LATITUDE= 40.606260°
LONGITUDE= 104.037653°

LATITUDE= 40°36'22.537"
LONGITUDE= 104°02'15.551"

SW SEC. 1
SET 2½" ALUM. CAP
LS 38231

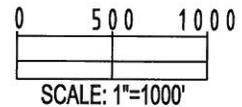
S 89°01'37" W 5261.44'

SE SEC. 1
SET 2½" ALUM. CAP
LS 38231

WELL GREEN 1-7 TO BE LOCATED 1947' FNL AND 2030' FEL

LEGEND

- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- ⊕ = BOTTOM HOLE
- ⊙ = EXISTING WELL
- BH = BOTTOM HOLE



NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- HORIZONTAL POSITIONS AND ORTHOMETRIC ELEVATIONS SHOWN AT THE WELL HEAD, ARE BASED ON GPS-RTK POSITIONS DERIVED FROM MINIMUM 2-HOUR STATIC OBSERVATIONS CORRECTED BY THE NATIONAL GEODETIC SURVEY ONLINE POSITIONING USER SERVICE, O.P.U.S. DATUM: HORIZONTAL = NAD83/2007, VERTICAL = NAVD88
- THE BASIS OF BEARINGS ARE STATE PLANE COORDINATE SYSTEM GRID BEARINGS SHOWN HEREON BETWEEN THE DESCRIBED MONUMENTS SHOWN HEREON.
- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

I, TERRY SANDERS, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO DIVERSIFIED OPERATING CORP. THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY REPRESENTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLUS OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 386-1-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

30120

TERRY SANDERS, PLS 30120
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF PFS, LLC

PREPARED BY:  Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 03-22-12 DRAWING DATE: 03-23-12 BY: DA	SURFACE LOCATION: SW 1/4 NE 1/4, SEC. 1, T7N, R60W WELD COUNTY, COLORADO
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NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.