

# CARLSON K-15-16HC WELL LOCATION CERTIFICATE

E 1/4 COR. SEC. 10/15  
3/4" ALUM. CAP  
PLS 7242, 1997

NW COR. SEC. 15  
3/4" ALUM. CAP  
PLS 10855, 1994

NE COR. SEC. 15  
3/4" ALUM. CAP  
PLS 7242, 1997

N 89°07'40" E 2630.72'

N 88°47'44" E 1319.72'

N 88°43'43" E 1320.39'

N 1/4 COR. SEC. 15  
3/4" ALUM. CAP  
PLS 22098, 2002

CARLSON K-15-16HC

EX. CARLSON  
HA 41-15

LP-2395' FNL  
470' FEL

BHL-2395' FNL  
2337' FWL

S 89°08'07" W 7757.61'

W 1/4 COR. SEC. 15  
2 1/2" ALUM. CAP  
PLS 23501, NO DATE

N 89°02'13" E 2628.59'

N 89°03'03" E 2635.06'

E 1/4 COR. SEC. 15  
3/4" ALUM. CAP  
PLS 10855, 1998

**15**  
SURFACE LOCATION  
GROUND ELEVATION= 4621'  
NAD83  
LATITUDE= 40.403698°  
LONGITUDE= 104.641347°

LANDING POINT LOCATION  
NAD83  
LATITUDE= 40.400014°  
LONGITUDE= 104.641660°

BOTTOM HOLE LOCATION  
NAD83  
LATITUDE= 40.399895°  
LONGITUDE= 104.669513°

C 1/4 COR. SEC. 15  
3/4" ALUM. CAP  
PLS 7242, 1987

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-IRRIGATED CROP  
EXISTING WELL CARLSON HA 41-15 IS 176' SE  
AT 1135' FNL & 227' FEL  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'.

PDOP= 1.4  
GPS OPERATOR: BEN HARDENBERGH

SW COR. SEC. 15  
2 1/2" ALUM. CAP  
433.33' W.C.  
PLS 38149, 2015

S 1/4 COR. SEC. 15  
2 1/2" ALUM. CAP  
15' W.C.  
PLS 9644, 2004

SE COR. SEC. 15  
3/4" ALUM. CAP  
PLS 7242, 1998

N 89°15'39" W 2698.85'

S 88°09'42" W 2585.73'

## LEGEND

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- ▲ = BOTTOM HOLE
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- BHL = BOTTOM HOLE

**WELL CARLSON K-15-16HC TO BE  
LOCATED 1054' FNL AND 384' FEL**

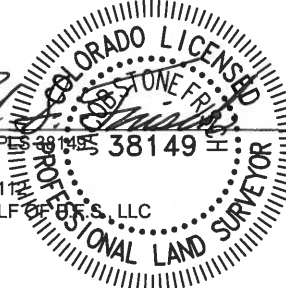
## NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 15, BEARS N00°37'41"W BETWEEN THE MONUMENTS SHOWN HEREON.
- GRID DISTANCES ARE SHOWN, AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000258264.
- ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
- FIELD VERIFICATION OF MONUMENTS COMPLETED ON FEBRUARY 11, 2015. WELL STAKING COMPLETED ON MARCH 20, 2015.

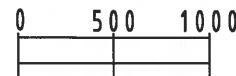
NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

I, JACOB S. FRISCH, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **BAYSWATER EXPLORATION & PRODUCTION, LLC**, 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 DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

JACOB S. FRISCH, PLS 38149  
DATE: 06-19-15  
JOB NO: B14.BEP.0112  
FOR AND ON BEHALF OF B.S. LLC



SCALE: 1"=1000'



SHEET 1 OF 2

PREPARED BY:



FIELD DATE:  
03-20-15

DRAWING DATE:  
06-18-15

BY:  
CSG

CHECKED BY:  
KAD

WELL NAME:

CARLSON K-15-16HC

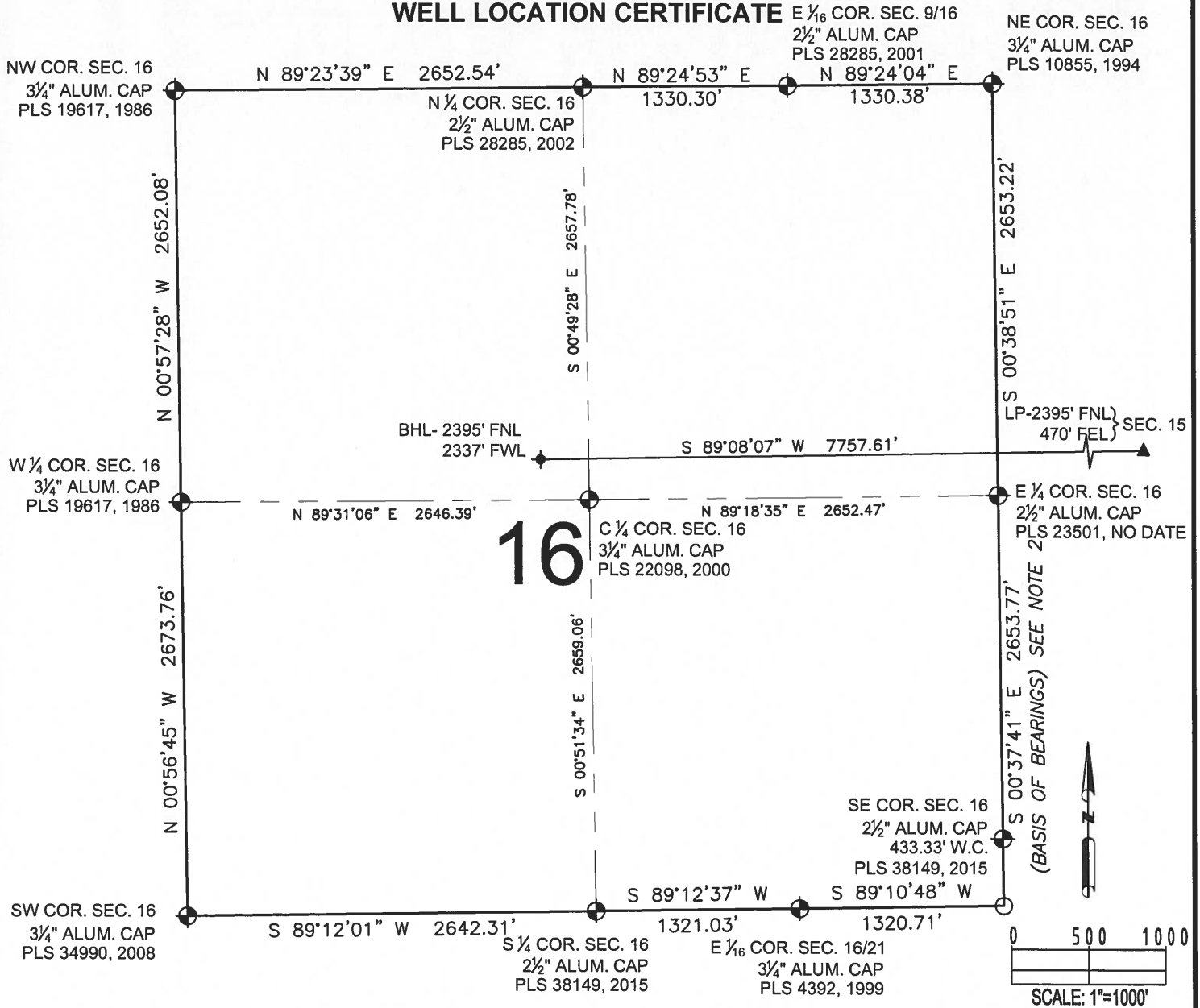
SURFACE LOCATION:

NE 1/4 NE 1/4, SEC. 15, T5N, R65W, 6TH P.M.  
WELD COUNTY, COLORADO

PREPARED FOR:



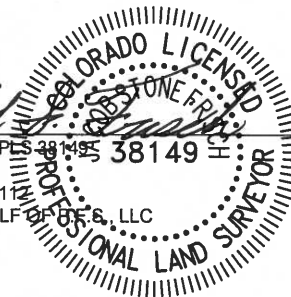
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PREPARED FOR:

