

# IVEY M-11-12HC WELL LOCATION CERTIFICATE

NW COR. SEC. 11  
3/4" ALUM. CAP  
PLS 34977

N 89°27'37" E 2658.83'

N 89°47'49" E 2643.20'

NE COR. SEC. 11  
3/4" ALUM. CAP  
PLS 28664

**SURFACE LOCATION**  
GROUND ELEVATION= 5108'  
NAD83  
LATITUDE= 39.974981°  
LONGITUDE= 104.965594°

**LANDING POINT LOCATION**  
NAD83  
LATITUDE= 39.974812°  
LONGITUDE= 104.967182°

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 39.974772°  
LONGITUDE= 104.951661°

N 1/4 COR. SEC. 11  
3/4" ALUM. CAP  
PLS 24960

S 00°07'48" E 2655.90'

S 00°22'01" E 2650.37'  
(BASIS OF BEARINGS) SEE NOTE 2

W 1/4 COR. SEC. 11  
2 1/2" ALUM. CAP  
PLS 23524

N 89°40'43" E 2647.63'

C 1/4 COR. SEC. 11  
3/4" ALUM. CAP  
PLS 33203 N 89°40'38" E 2654.17'

E 1/4 COR. SEC. 11  
3/4" ALUM. CAP  
PLS 28664

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-DRY LAND CROP  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'.

PDOP= 2.5  
GPS OPERATOR: OWEN MCKEE

SW COR. SEC. 11  
3/4" ALUM. CAP  
PLS ILLEGIBLE

S 89°45'56" W 2650.20'

S 1/4 COR. SEC. 11  
3/4" ALUM. CAP  
PLS 24698

S 89°45'17" W 2651.16'

SE COR. SEC. 11  
2 1/2" ALUM. CAP  
PLS ILLEGIBLE

S 81°47'57" W 449.18'

IVEY M-11-12HC

BH- 1015' FSL  
2175' FWL

LP- 1015' FSL  
2175' FEL

N 89°50'32" E 4350.03'

## LEGEND

- ⊕ = EXISTING MONUMENT
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- = PROPOSED WELL
- ◆ = EXISTING WELL
- ⬤ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BH = BOTTOM HOLE

**WELL IVEY M-11-12HC TO BE  
LOCATED 1077' FSL AND 1730' FEL**

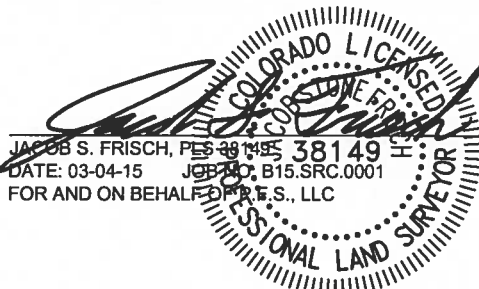
## NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED UPON THE EAST LINE OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 1 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, STATE OF COLORADO AS BEARING S00°22'01"E 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 1.000274814.
- ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.

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 **SYNERGY RESOURCES**, 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: 03-04-15 JOB NO. B15.SRC.0001  
FOR AND ON BEHALF OF P.F.S., LLC



0 500 1000  
SCALE: 1"=1000'

SHEET 1 OF 2

PREPARED BY:



FIELD DATE:  
05-07-14

DRAWING DATE:  
03-02-15

BY:  
DRF

CHECKED BY:  
CSG

WELL NAME:

IVEY M-11-12HC

SURFACE LOCATION:

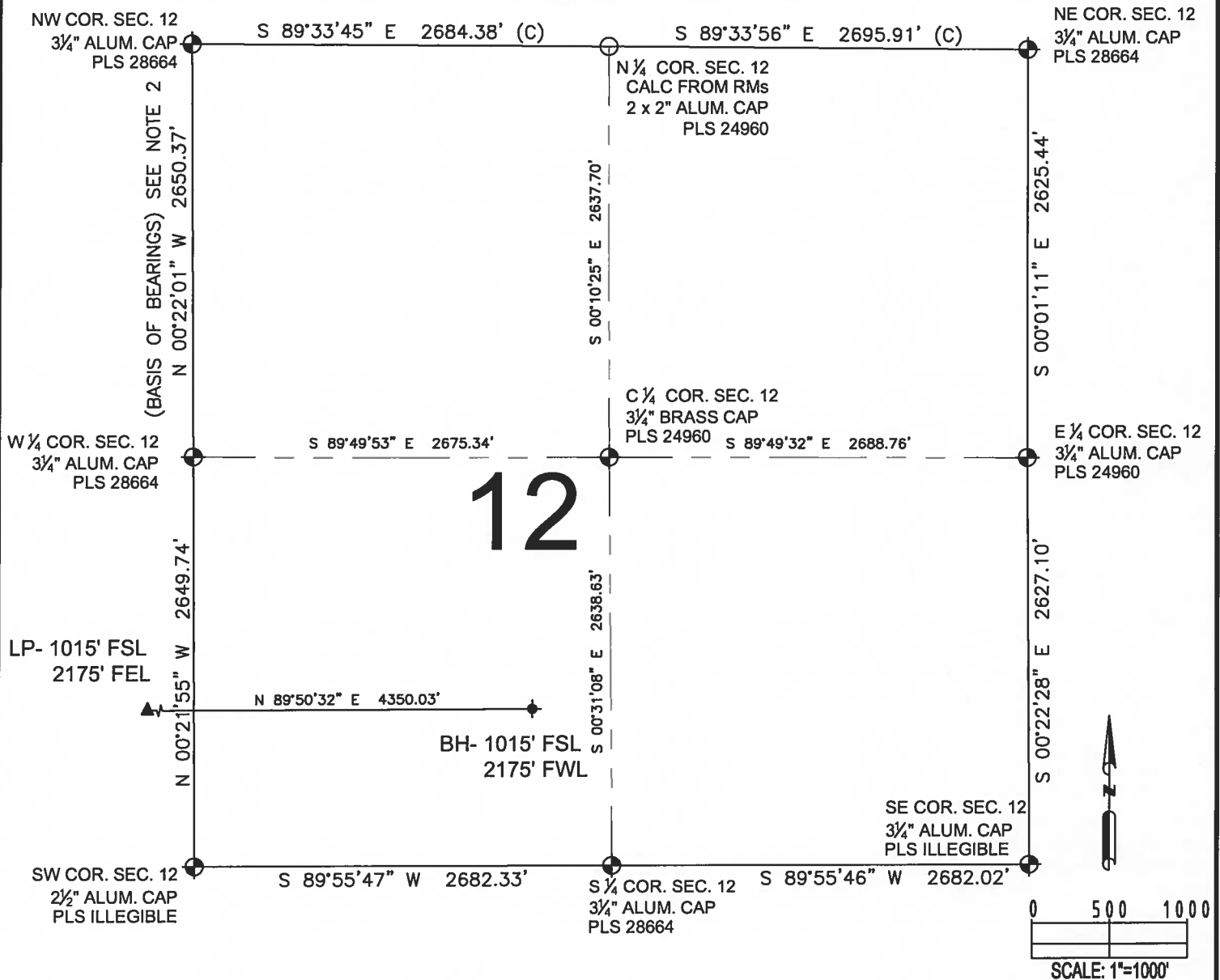
SW 1/4 SE 1/4, SEC. 11, T1S, R68W, 6TH P.M.

ADAMS COUNTY, COLORADO

PREPARED FOR:

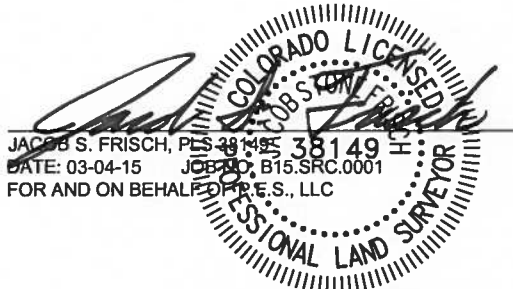


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SHEET 2 OF 2

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ADAMS COUNTY, COLORADO

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