

IVEY N-14-23HN 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= 5110'
NAD83
LATITUDE= 39.973681°
LONGITUDE= 104.966663°

LANDING POINT LOCATION
NAD83
LATITUDE= 39.970743°
LONGITUDE= 104.962450°

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 39.950315°
LONGITUDE= 104.962363°

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'

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

N 89°40'43" E 2647.63'

N 89°40'38" E 2654.17'

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

C 1/4 COR. SEC. 11
3/4" ALUM. CAP
PLS 33203

11

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

PDOP= 2.0
GPS OPERATOR: OWEN MCKEE

S 00°25'50" E 2646.16'

S 00°21'55" E 2649.74'

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

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

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

S 89°45'56" W 2650.20'
(BASIS OF BEARINGS) SEE NOTE 2

S 89°45'17" W 2651.16'

IVEY N-14-23HN

2030'

S 45°09'36" E
1593.62'

LP- 465' FNL
850' FEL

LEGEND

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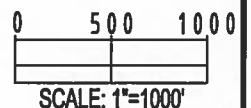
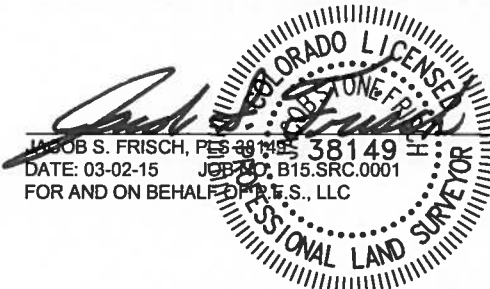
NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED UPON THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 11, TOWNSHIP 1 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, STATE OF COLORADO AS BEARING S89°45'56"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 1.000274814.
- 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.

**WELL IVEY N-14-23HN TO BE
LOCATED 603' FSL AND 2030' FEL**

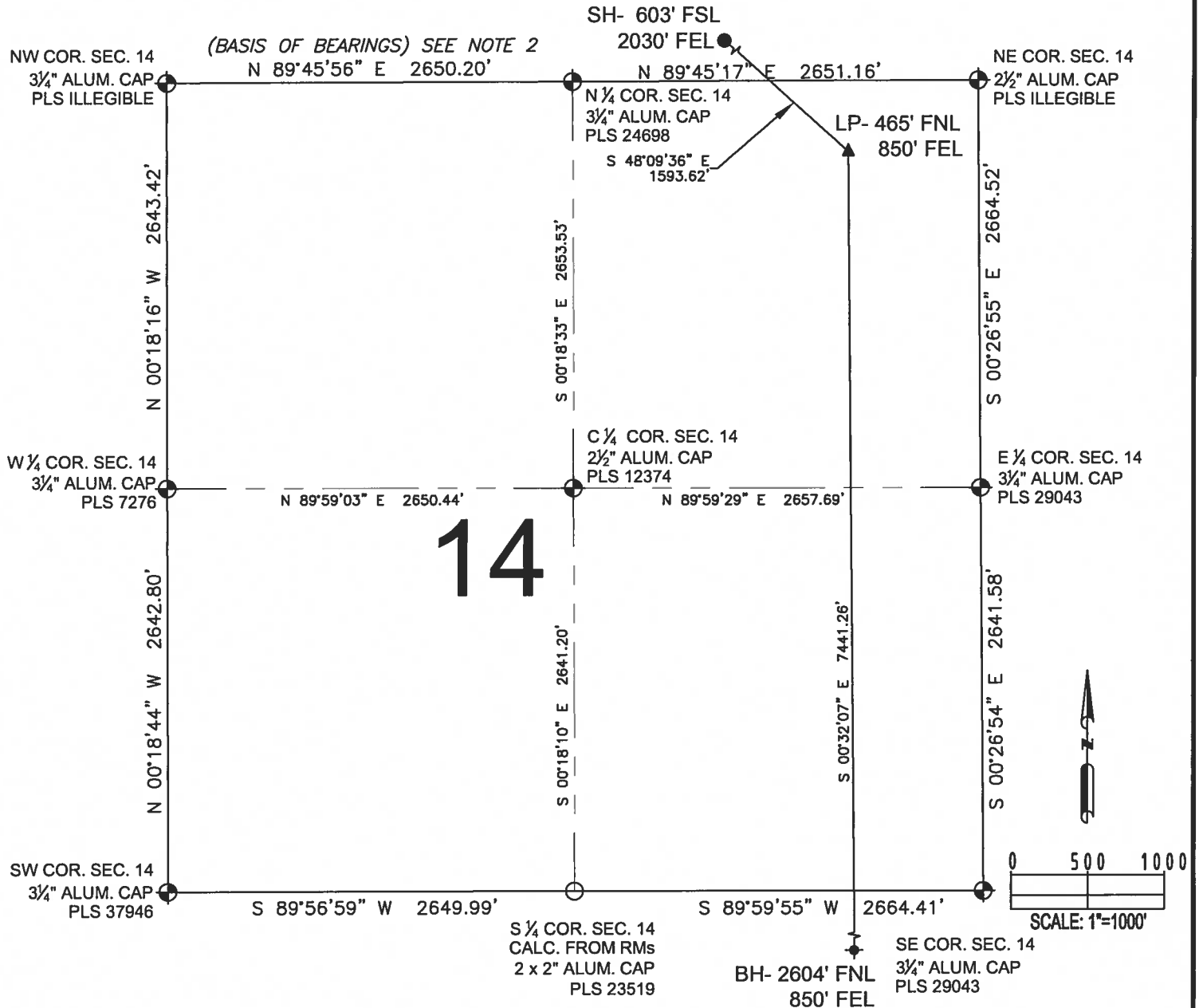
I, JACOB S. FRISCH, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **SYNERGY RESOURCES**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION 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.



SHEET 1 OF 3

PREPARED BY:  Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 05-07-14 DRAWING DATE: 03-02-15 BY: DRF CHECKED BY: MDCA	WELL NAME: IVEY N-14-23HN SURFACE LOCATION: SW 1/4 SE 1/4, SEC. 11, T1S, R68W, 6TH P.M. ADAMS COUNTY, COLORADO	PREPARED FOR: 
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IVEY N-14-23HN WELL LOCATION CERTIFICATE





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JACOB S. FRISCH, PLS 38149
DATE: 03-02-15
FOR AND ON BEHALF OF P.E.S., LLC



SHEET 2 OF 3

PREPARED BY:  PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 05-07-14 DRAWING DATE: 03-02-15 BY: DRF CHECKED BY: MDCA	WELL NAME: IVEY N-14-23HN SURFACE LOCATION: SW 1/4 SE 1/4, SEC. 11, T1S, R68W, 6TH P.M. ADAMS COUNTY, COLORADO	PREPARED FOR:  SYNERGY RESOURCES CORPORATION
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IVEY N-14-23HN WELL LOCATION CERTIFICATE

N ¼ COR. SEC. 23
CALC. FROM RMs
2 x 2" ALUM. CAP
PLS 23519

LP- 465' FNL
850' FEL

NW COR. SEC. 23
¾" ALUM. CAP
PLS 37946

N 89°56'59" E 2649.99'

N 89°59'55" E 2664.41'

NE COR. SEC. 23
¾" ALUM. CAP
PLS 29043

N 00°47'45" W 2640.98'

S 00°44'10" E 2649.74'

S 00°32'07" E 7441.26'

S 00°41'49" E 2655.72'

W ¼ COR. SEC. 23
2½" ALUM. CAP
PLS 134579

S 89°51'35" E 2647.36'

S 89°52'20" E 2662.68'

E ¼ COR. SEC. 23
¾" ALUM. CAP
PLS 9655

N 00°47'26" W 2641.40'

S 00°48'45" E 2642.88'

BH- 2604' FNL
850' FEL

S 00°30'29" E 2657.63'

SW COR. SEC. 23
¾" ALUM. CAP
PLS 13155

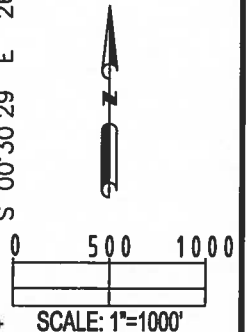
N 89°49'41" W 2648.40'

N 89°32'56" W 2648.84'

S ¼ COR. SEC. 23
¾" ALUM. CAP
PLS 36053

SE COR. SEC. 23
2½" ALUM. CAP
PLS 10717

23



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JACOB S. FRISCH, PLS 38149
DATE: 03-02-15
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SHEET 3 OF 3

PREPARED BY:



FIELD DATE:
05-07-14

DRAWING DATE:
03-02-15

BY:
DRF

CHECKED BY:
MDCA

WELL NAME:

IVEY N-14-23HN

SURFACE LOCATION:

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

PREPARED FOR:

