

IVEY H-11-2HN WELL LOCATION CERTIFICATE

NW COR. SEC. 11 (BASIS OF BEARINGS) SEE NOTE 2

3/4" ALUM. CAP
PLS 34977

N 89°27'37" E 2658.83'

BH- 465' FNL

2446' FWL N 89°47'49" E 2643.20'

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

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

SURFACE LOCATION
GROUND ELEVATION= 5108'
NAD83
LATITUDE= 39.975058°
LONGITUDE= 104.965558°

LANDING POINT LOCATION
NAD83
LATITUDE= 39.976929°
LONGITUDE= 104.969520°

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 39.999048°
LONGITUDE= 104.969425°

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

IVEY H-11-2HN

LP- 1785' ESL
2472' FWL

N 58°48'21" W
1302.98'

1720'

1105'

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'

S 89°45'17" W 2651.16'

LEGEND

- = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ◆ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BH = BOTTOM HOLE

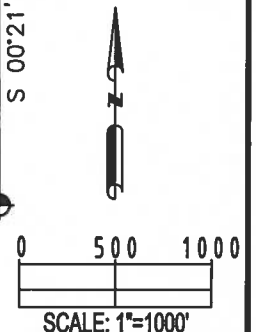
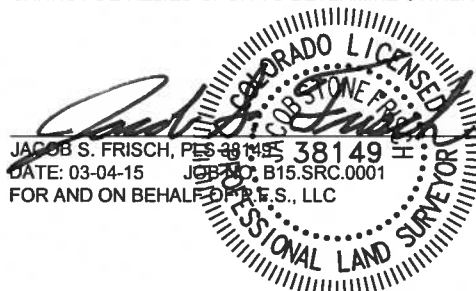
NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED UPON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 11, TOWNSHIP 1 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, STATE OF COLORADO AS BEARING N89°27'37"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.

**WELL IVEY H-11-2HN TO BE
LOCATED 1105' FSL AND 1720' 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 2

PREPARED BY:



FIELD DATE:

05-07-14

WELL NAME:

IVEY H-11-2HN

DRAWING DATE:

02-27-15

SURFACE LOCATION:

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

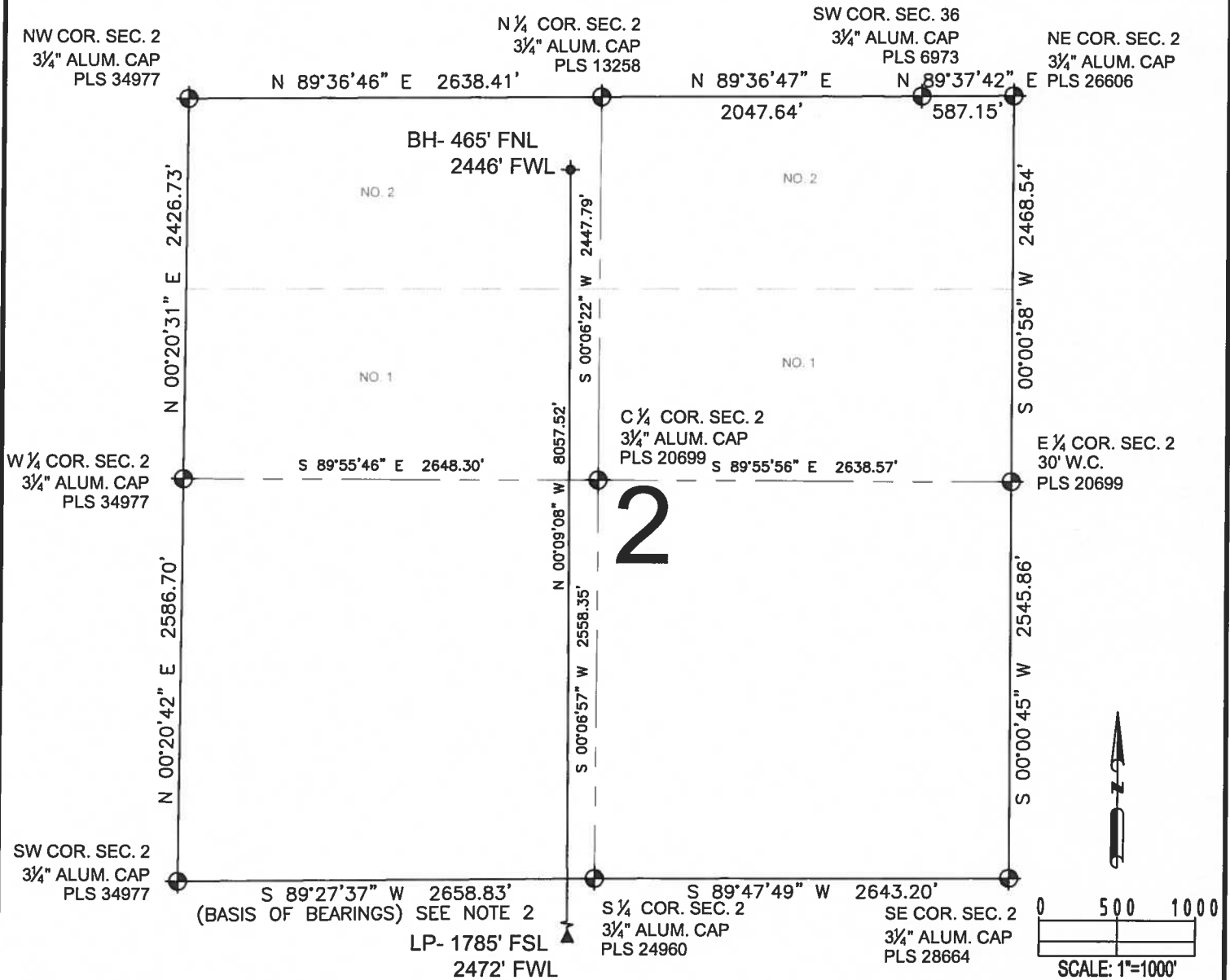
BY:
DRF

CHECKED BY:
CSG

PREPARED FOR:

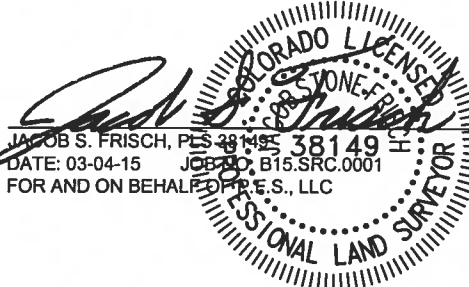


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SHEET 2 OF 2

PREPARED BY:  PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 05-07-14 DRAWING DATE: 02-27-15 BY: DRF CHECKED BY: CSG	WELL NAME: IVEY H-11-2HN 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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