

IVEY I-11-2HC WELL LOCATION CERTIFICATE

NW COR. SEC. 11 (BASIS OF BEARINGS) SEE NOTE 2
 3/4" ALUM. CAP N 89°27'37" E 2658.83'
 PLS 34977

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

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

BH- 465' FNL
 2335' FEL

SURFACE LOCATION
 GROUND ELEVATION= 5108'
 NAD83
 LATITUDE= 39.975135°
 LONGITUDE= 104.965521°

LANDING POINT LOCATION
 NAD83
 LATITUDE= 39.976927°
 LONGITUDE= 104.967754°

BOTTOM HOLE LOCATION
 NAD83
 LATITUDE= 39.999049°
 LONGITUDE= 104.967658°

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

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

N 89°40'43" E 2647.63'

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

11

LP- 1785' FSL
 2335' FEL

IVEY I-11-2HC

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

LEGEND

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

WELL IVEY I-11-2HC TO BE LOCATED
 1134' FSL AND 1709' FEL

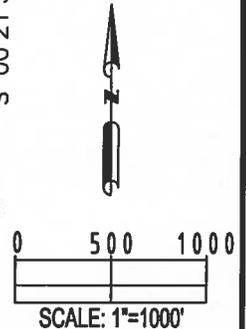
- NOTES:**
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
 2. BEARINGS ARE BASED UPON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 11, TOWNSHIP 1 SOUTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF ADAMS, STATE OF COLORADO AS BEARING N89°27'37"E BETWEEN THE MONUMENTS SHOWN HEREON.
 3. 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.
 4. 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.



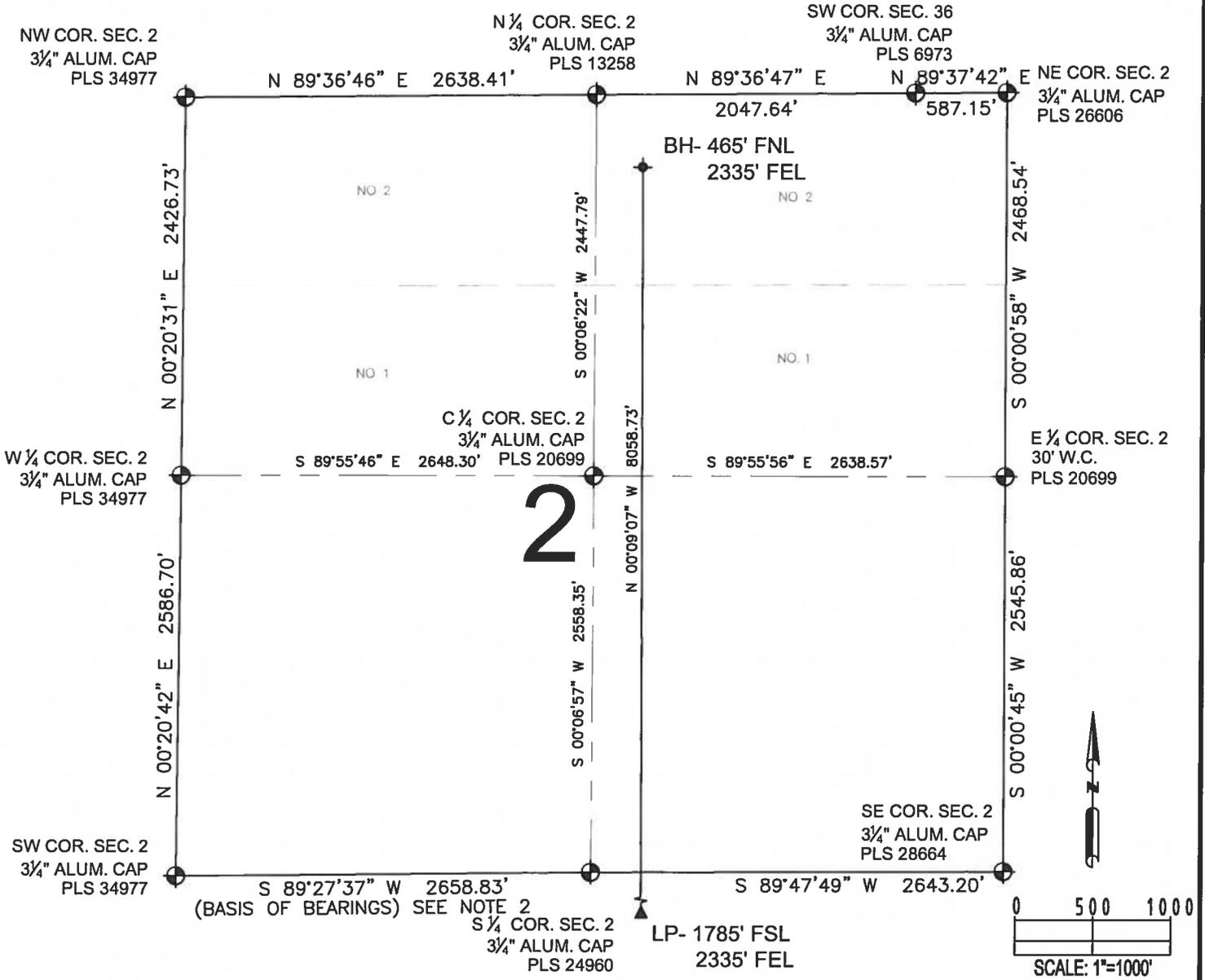
JACOB S. FRISCH, PLS 38149
 DATE: 03-04-15 JOB NO. B15.SRC.0001
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 2

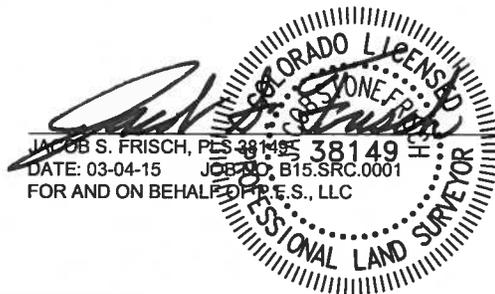
PREPARED BY:  Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 05-07-14	WELL NAME: IVEY I-11-2HC	PREPARED FOR: 
	DRAWING DATE: 02-27-15	SURFACE LOCATION: SW 1/4 SE 1/4, SEC. 11, T1S, R68W, 6TH P.M. ADAMS COUNTY, COLORADO	
BY: DRF	CHECKED BY: CSG		

IVEY I-11-2HC WELL LOCATION CERTIFICATE



LEGEND

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



SHEET 2 OF 2

PREPARED BY: 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 I-11-2HC SURFACE LOCATION: SW 1/4 SE 1/4, SEC. 11, T1S, R68W, 6TH P.M. ADAMS COUNTY, COLORADO	PREPARED FOR:
--	--	---	-------------------