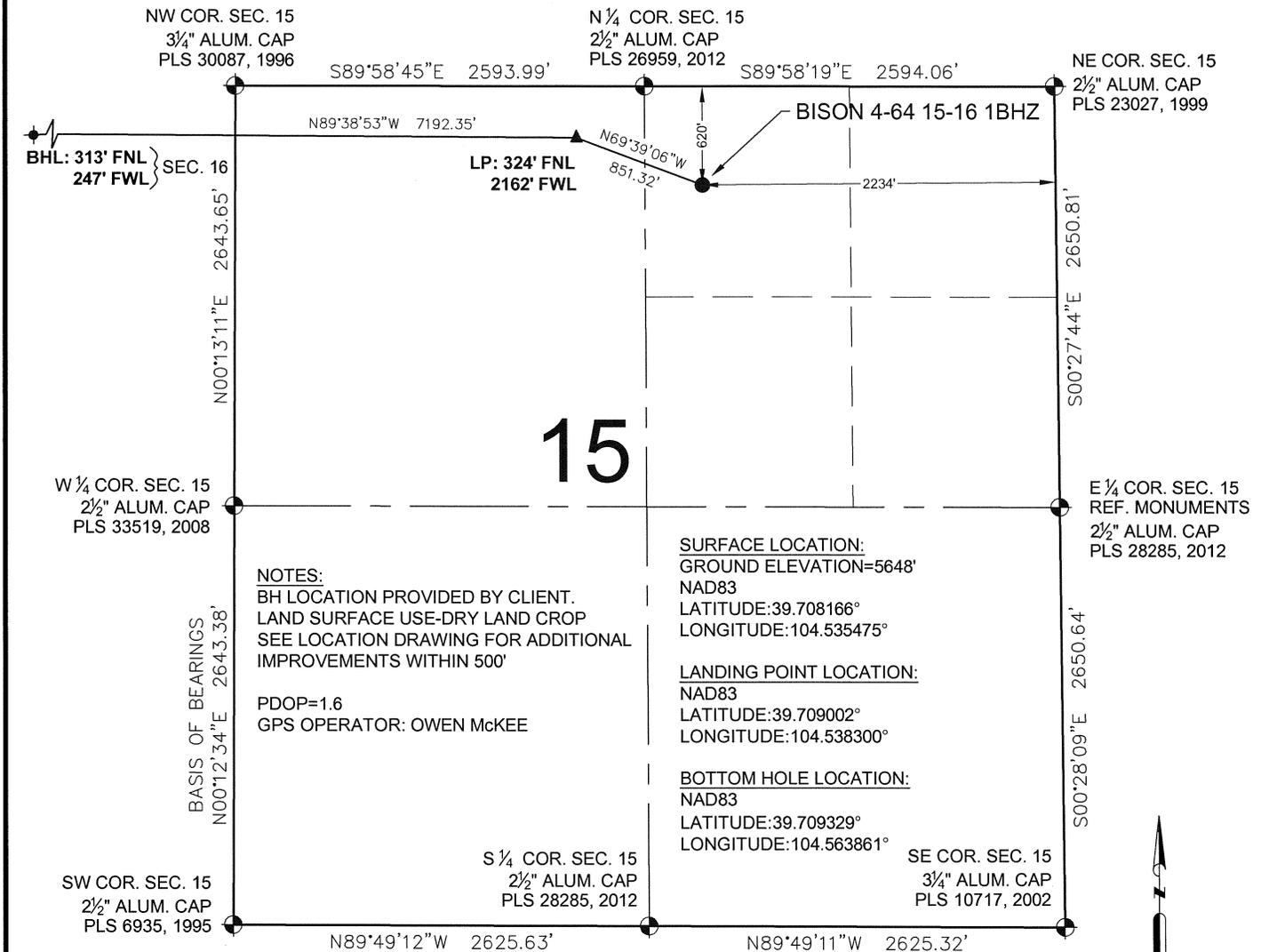


# BISON 4-64 15-16 1BHZ WELL LOCATION CERTIFICATE



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

PDOP=1.6  
 GPS OPERATOR: OWEN McKEE

**SURFACE LOCATION:**  
 GROUND ELEVATION=5648'  
 NAD83  
 LATITUDE:39.708166°  
 LONGITUDE:104.535475°

**LANDING POINT LOCATION:**  
 NAD83  
 LATITUDE:39.709002°  
 LONGITUDE:104.538300°

**BOTTOM HOLE LOCATION:**  
 NAD83  
 LATITUDE:39.709329°  
 LONGITUDE:104.563861°

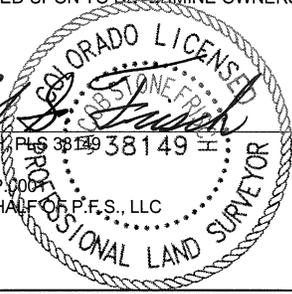
SE COR. SEC. 15  
 3/4" ALUM. CAP  
 PLS 10717, 2002

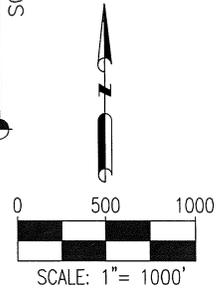
**LEGEND**

- = EXISTING MONUMENT
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ⊕ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BHL = BOTTOM HOLE LOCATION

**WELL BISON 4-64 15-16 1BHZ TO  
BE LOCATED 620' FNL & 2234' FEL**

I, JACOB S. FRISCH, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **BISON OIL & GAS, 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 38149  
 DATE: 07-27-16  
 JOB NO: B16.BOP.0007  
 FOR AND ON BEHALF OF P.F.S., LLC



**NOTES:**

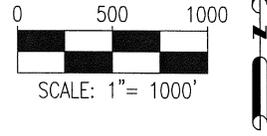
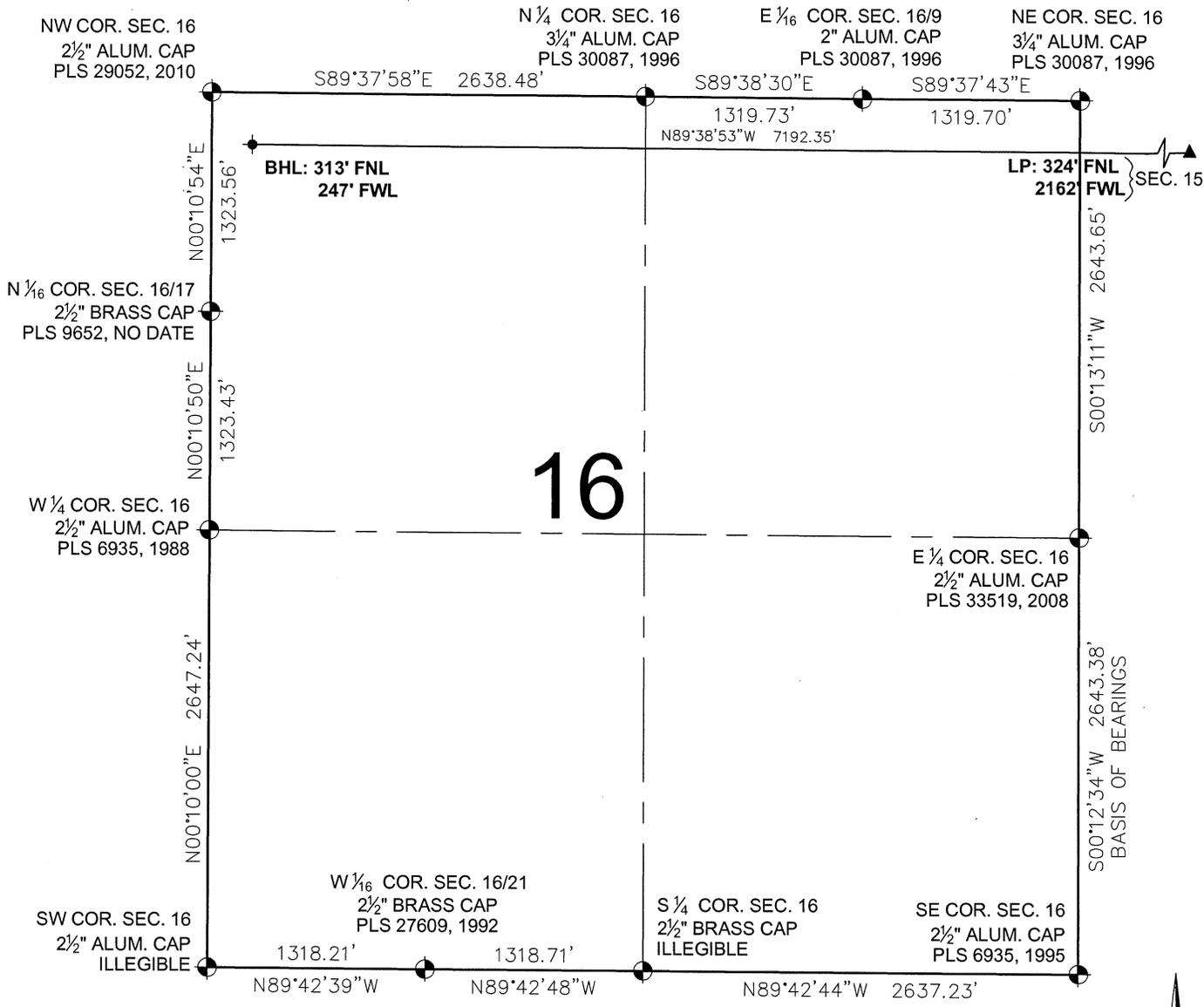
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 15, BEARS N00°12'34"E BETWEEN THE MONUMENTS SHOWN HEREON.
3. GRID DISTANCES ARE SHOWN AS GPS MEASURED IN THE FIELD WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000275824.
4. ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
5. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

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.

SHEET 1 OF 2

PREPARED BY: 	FIELD DATE: 07-14-2016  DRAWING DATE: 08-01-2016  BY: MLP	CHECKED BY: CSG	WELL NAME: BISON 4-64 15-16 1BHZ  SURFACE LOCATION: NW 1/4 NE 1/4 SEC. 15, T4S, R64W, 6TH P.M. ARAPAHOE COUNTY, COLORADO	PREPARED FOR:  
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# BISON 4-64 15-16 1BHZ WELL LOCATION CERTIFICATE



- LEGEND**
- = EXISTING MONUMENT
  - = PROPOSED WELL
  - ◆ = EXISTING WELL
  - ◆ = BOTTOM HOLE
  - ▲ = LANDING POINT
  - LP = LANDING POINT
  - BHL = BOTTOM HOLE LOCATION

JACOB S. FRISCH, PLS 38149  
 DATE: 07-27-16  
 JOB NO: B16.BOP.000  
 FOR AND ON BEHALF OF P.F.S., LLC

SHEET 2 OF 2

PREPARED BY: 	FIELD DATE: 07-14-2016 DRAWING DATE: 08-01-2016 BY: MLP	WELL NAME: BISON 4-64 15-16 1BHZ SURFACE LOCATION: NW 1/4 NE 1/4 SEC. 15, T4S, R64W, 6TH P.M. ARAPAHOE COUNTY, COLORADO CHECKED BY: CSG	PREPARED FOR: 
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