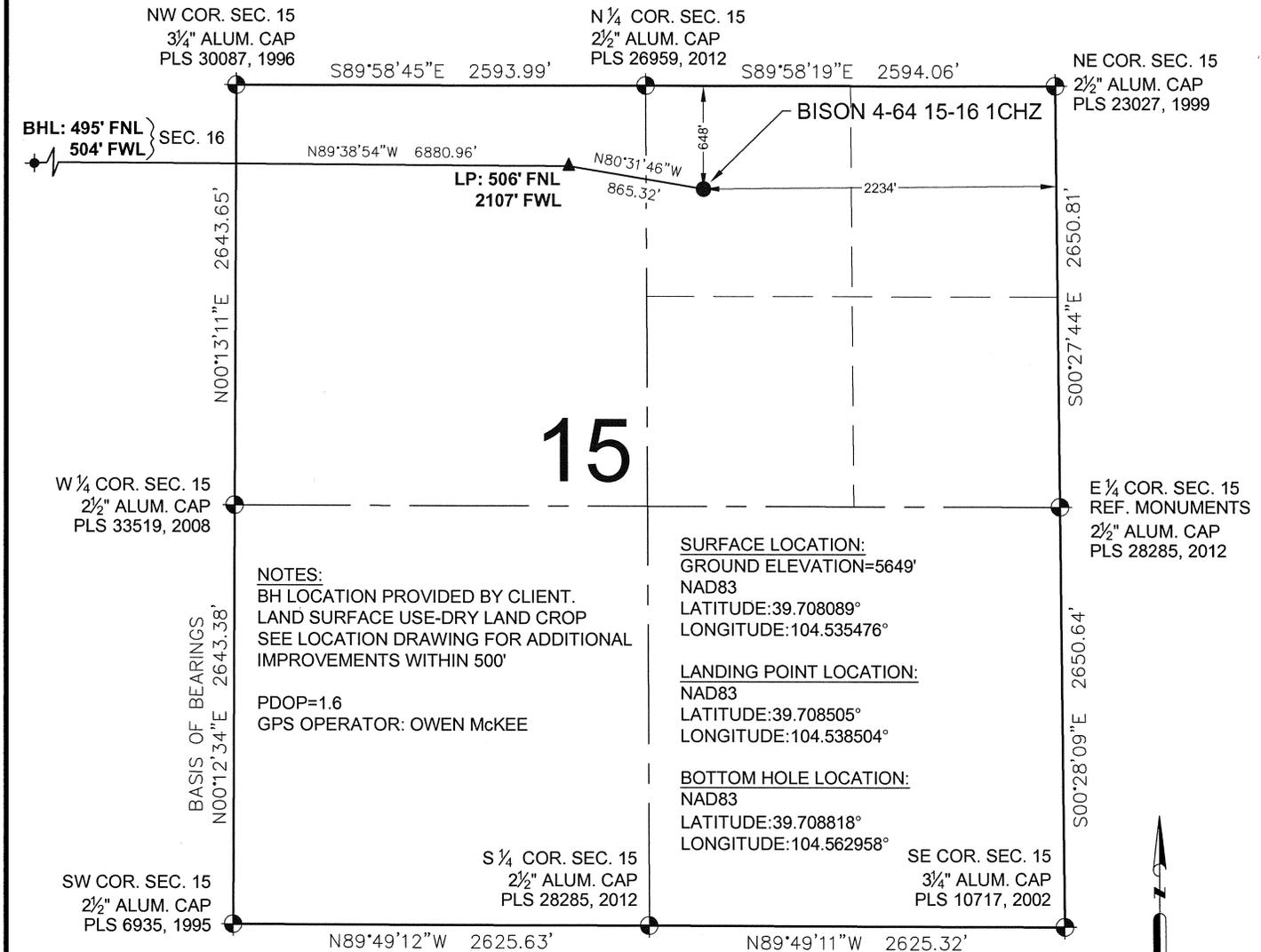


BISON 4-64 15-16 1CHZ WELL LOCATION CERTIFICATE



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=5649'
 NAD83
 LATITUDE:39.708089°
 LONGITUDE:104.535476°

LANDING POINT LOCATION:
 NAD83
 LATITUDE:39.708505°
 LONGITUDE:104.538504°

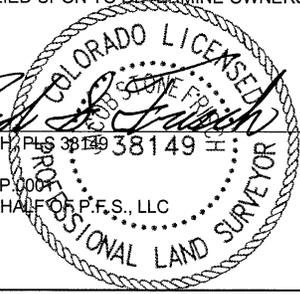
BOTTOM HOLE LOCATION:
 NAD83
 LATITUDE:39.708818°
 LONGITUDE:104.562958°

LEGEND

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

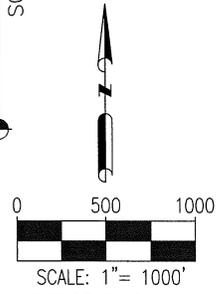
**WELL BISON 4-64 15-16 1CHZ TO
BE LOCATED 648' FNL & 2234' FEL**

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.0004
 FOR AND ON BEHALF OF P.F.S., LLC
 PROFESSIONAL LAND SURVEYOR

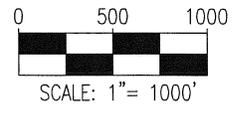
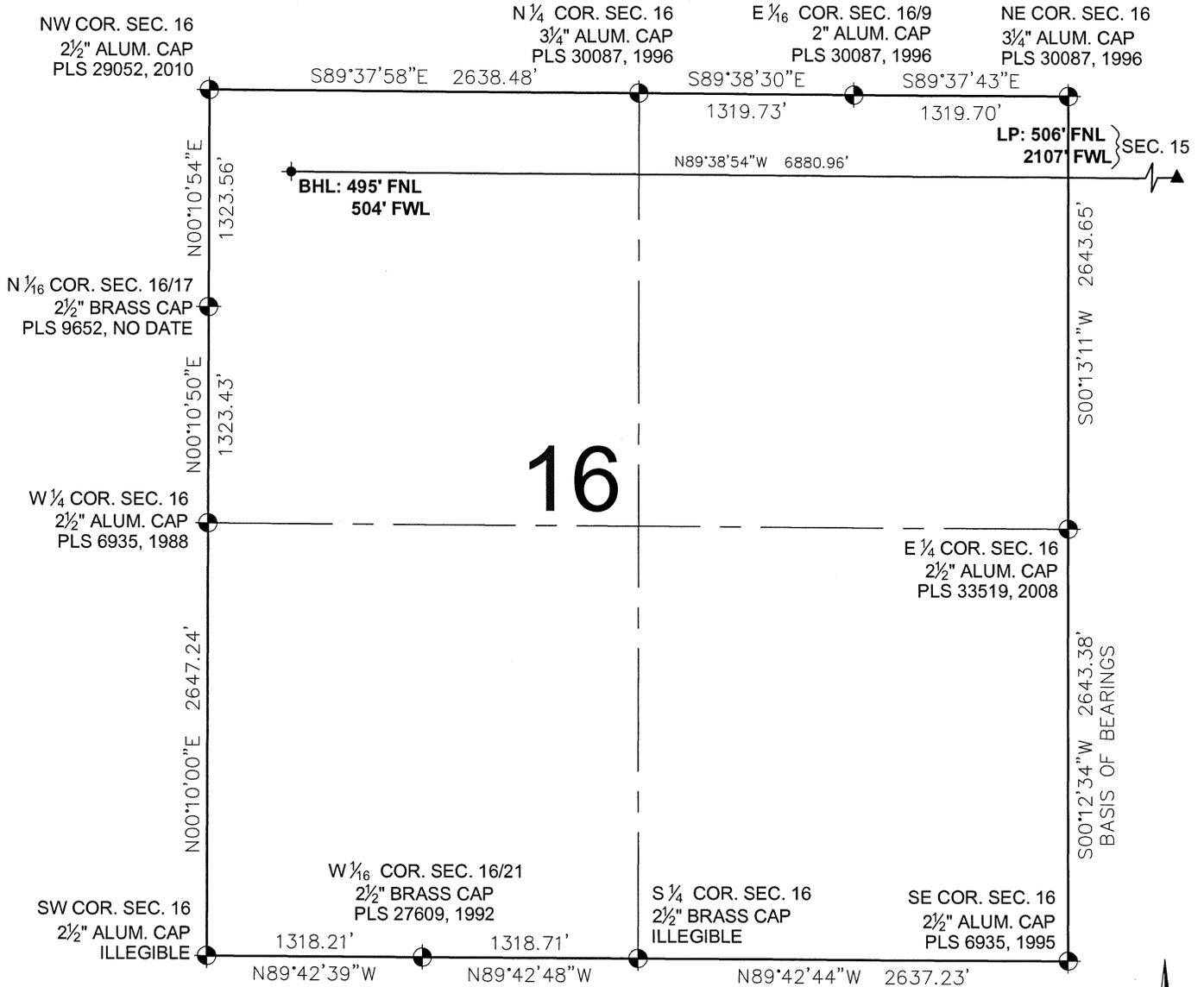
- NOTES:**
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
 - BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 15, BEARS N00°12'34"E BETWEEN THE MONUMENTS SHOWN HEREON.
 - GRID DISTANCES ARE SHOWN AS GPS MEASURED IN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



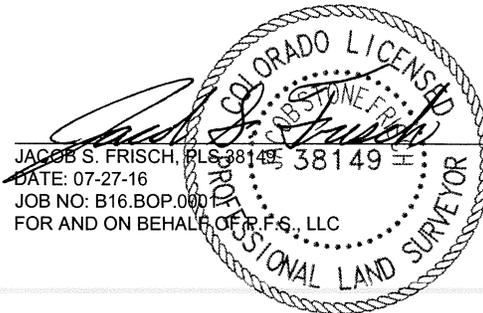
PREPARED BY: 	FIELD DATE: 07-14-2016	WELL NAME: BISON 4-64 15-16 1CHZ	PREPARED FOR: 
	DRAWING DATE: 08-01-2016	SURFACE LOCATION: NW 1/4 NE 1/4 SEC. 15, T4S, R64W, 6TH P.M. ARAPAHOE COUNTY, COLORADO	
BY: MLP	CHECKED BY: CSG		

BISON 4-64 15-16 1CHZ WELL LOCATION CERTIFICATE



LEGEND

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



SHEET 2 OF 2

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