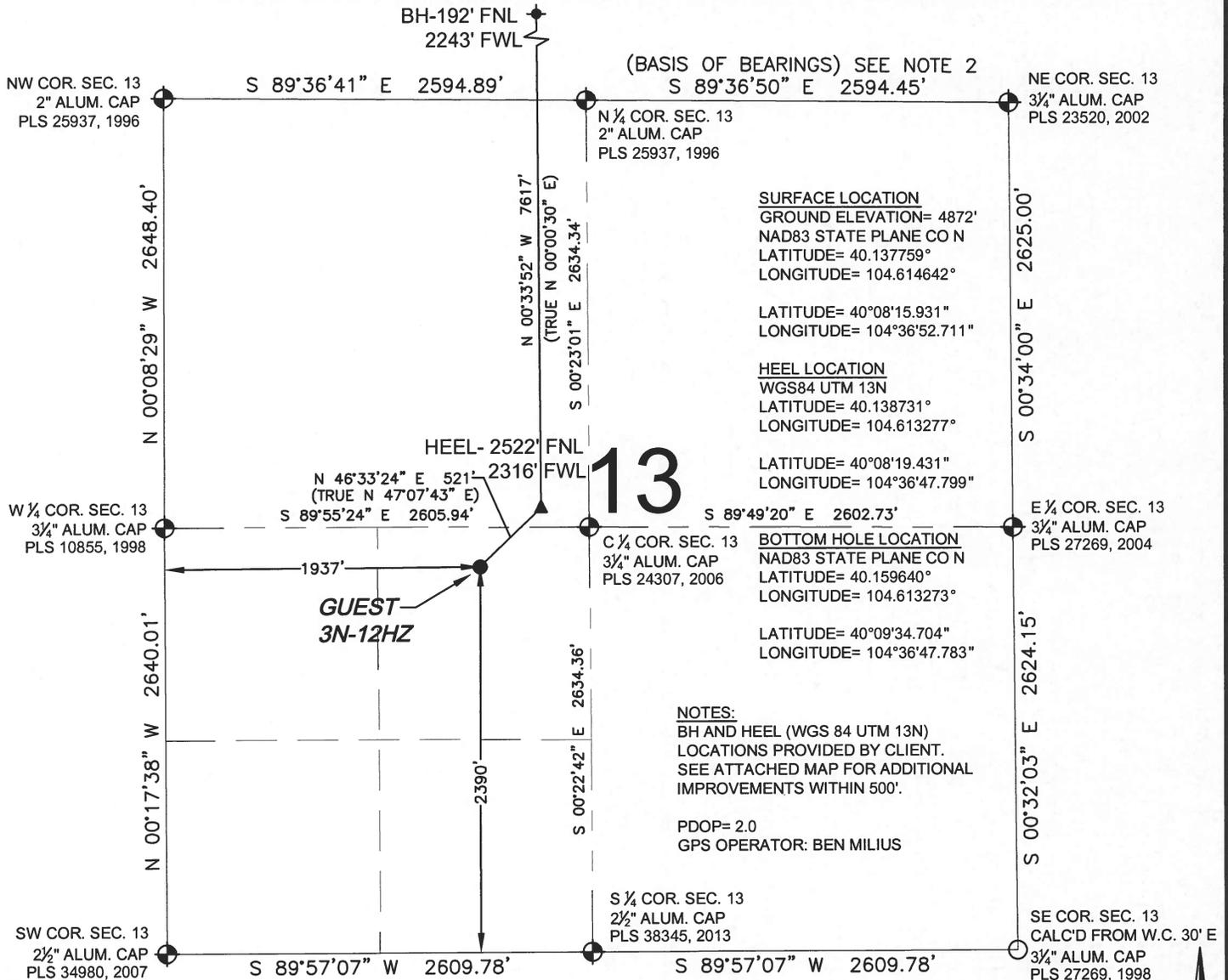


# WELL LOCATION CERTIFICATE: GUEST 3N-12HZ

SECTION 13, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



# 13

**SURFACE LOCATION**  
 GROUND ELEVATION= 4872'  
 NAD83 STATE PLANE CO N  
 LATITUDE= 40.137759°  
 LONGITUDE= 104.614642°

**HEEL LOCATION**  
 WGS84 UTM 13N  
 LATITUDE= 40.138731°  
 LONGITUDE= 104.613277°

LATITUDE= 40°08'15.931"  
 LONGITUDE= 104°36'52.711"

**BOTTOM HOLE LOCATION**  
 NAD83 STATE PLANE CO N  
 LATITUDE= 40.159640°  
 LONGITUDE= 104.613273°

LATITUDE= 40°09'34.704"  
 LONGITUDE= 104°36'47.783"

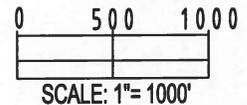
**NOTES:**  
 BH AND HEEL (WGS 84 UTM 13N)  
 LOCATIONS PROVIDED BY CLIENT.  
 SEE ATTACHED MAP FOR ADDITIONAL  
 IMPROVEMENTS WITHIN 500'.

PDOP= 2.0  
 GPS OPERATOR: BEN MILIUS

**LEGEND**

- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- BH = BOTTOM HOLE
- ⬤ = BOTTOM HOLE
- ▲ = HEEL LOCATION
- = CALCULATED POSITION

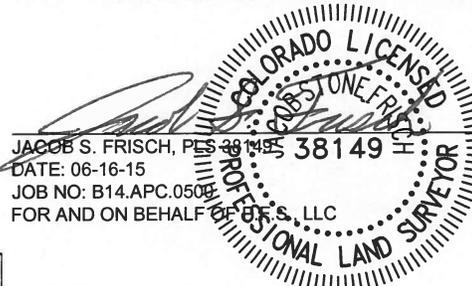
**WELL GUEST 3N-12HZ TO BE LOCATED**  
 2390' FSL AND 1937' FWL



**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 NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 13, BEARS S89°36'50"E BETWEEN THE MONUMENTS DESCRIBED HEREON.
3. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000272228.
4. ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.
5. ORIGINAL SIGNING DATE OF OCTOBER 18, 2014. ORIGINAL WELL STAKING COMPLETED ON OCTOBER 3, 2014. REV. JUNE 15, 2015 FOR HEEL REVISION.

I, JACOB S. FRISCH, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **KERR-MCGEE OIL & GAS ONSHORE LP.**, 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.



PREPARED BY: <b>PFS</b> Petroleum Field Services, LLC 7536 Hilltop Circle Denver, CO 80221	FIELD DATE: 01-08-15	SURFACE LOCATION: NE 1/4 SW 1/4, SEC. 13, T2N, R65W, 6TH P.M.
BY: KAD	DRAWING DATE: 06-15-15	WELD COUNTY, COLORADO
CHECKED: MLP		

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.

