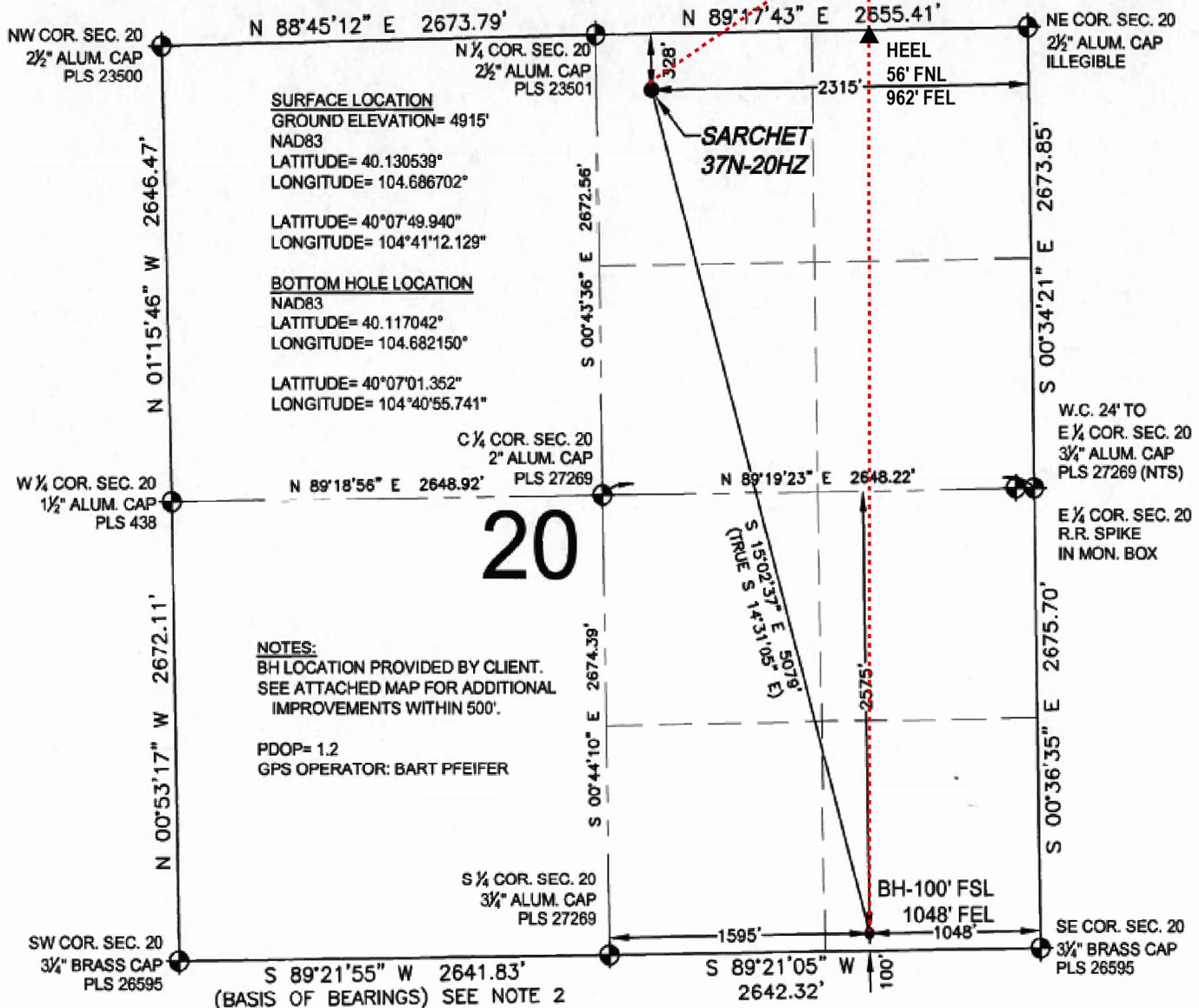


WELL LOCATION CERTIFICATE: SARCHET 37N-20HZ

SECTION 20, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



SURFACE LOCATION
 GROUND ELEVATION= 4915'
 NAD83
 LATITUDE= 40.130539°
 LONGITUDE= 104.686702°

BOTTOM HOLE LOCATION
 NAD83
 LATITUDE= 40.117042°
 LONGITUDE= 104.682150°

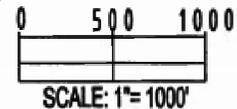
LATITUDE= 40°07'01.352"
 LONGITUDE= 104°40'55.741"

NOTES:
 BH LOCATION PROVIDED BY CLIENT.
 SEE ATTACHED MAP FOR ADDITIONAL
 IMPROVEMENTS WITHIN 500'.

PDOP= 1.2
 GPS OPERATOR: BART PFEIFER

LEGEND

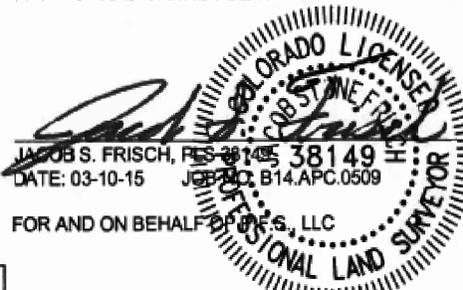
- ⊕ = EXISTING MONUMENT
- ⬤ = PROPOSED WELL
- BH = BOTTOM HOLE
- ⬥ = BOTTOM HOLE
- ⬧ = EXISTING WELL
- = CALCULATED POSITION
- ⋯ = PROPOSED WELL BORE
- ▲ = PROPOSED HEEL



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 SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 20, BEARS S89°21'55"W 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. FIELD VERIFICATION OF MONUMENTS COMPLETED ON MARCH 5, 2015. WELL STAKING COMPLETED ON NOVEMBER 5, 2014

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.



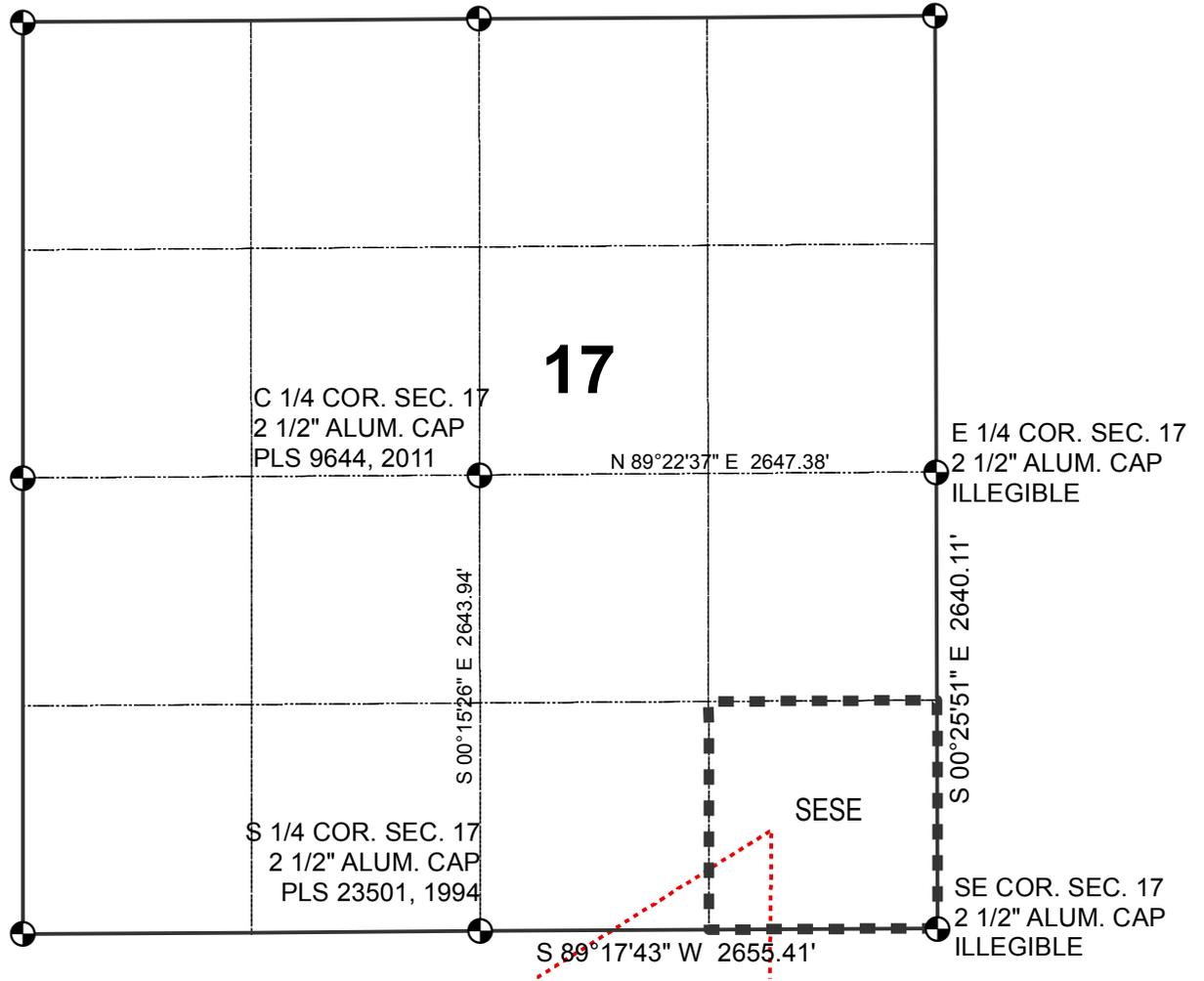
Modified 6/2/2015
 Anadarko Regulatory GIS
 KMJ
 (PAGE 1 OF 2)

PREPARED BY: PFS Petroleum Field Services, LLC 7536 Hilltop Circle Denver, CO 80221	FIELD DATE: 11-05-14	SURFACE LOCATION: NW 1/4 NE 1/4, SEC. 20, T2N, R65W, 6TH P.M.
DRAWING DATE: 03-06-15	BY: SMF	CHECKED: TJN
WELD COUNTY, COLORADO		

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.

PLAT ADDENDUM: SARCHET 37N-20HZ

SECTION 17, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



LEGEND

- EXISTING MONUMENT
- BACK BUILD

0 500 1,000
Feet



Modified 6/2/2015
Anadarko Regulatory GIS
KMJ
(PAGE 2 OF 2)