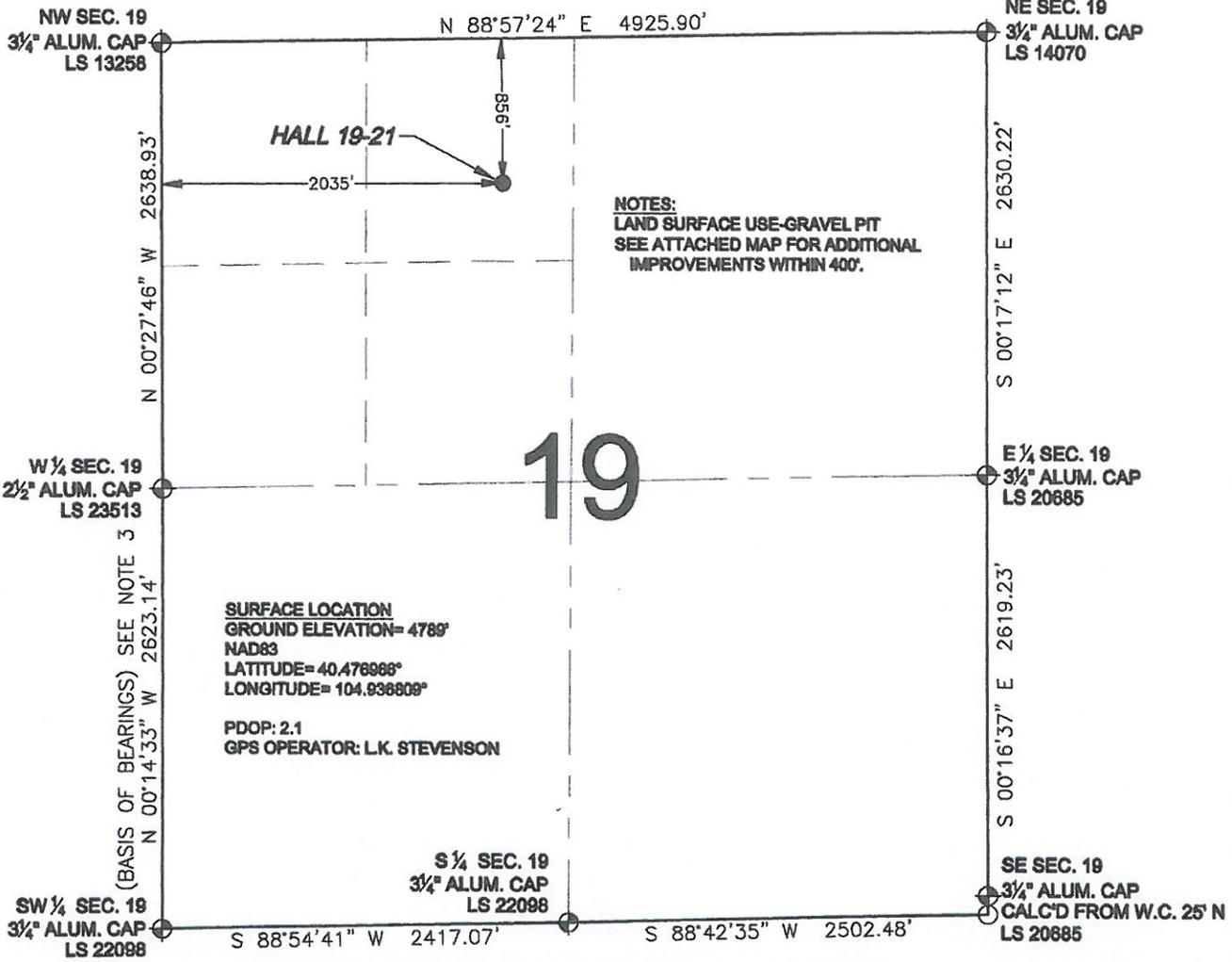


WELL LOCATION CERTIFICATE: HALL 19-21

SECTION 19, TOWNSHIP 6 NORTH, RANGE 67 WEST, 6TH P.M.



NOTES:
 LAND SURFACE USE-GRAVEL PIT
 SEE ATTACHED MAP FOR ADDITIONAL
 IMPROVEMENTS WITHIN 400'.

SURFACE LOCATION
 GROUND ELEVATION= 4789'
 NAD83
 LATITUDE= 40.476988°
 LONGITUDE= 104.936808°

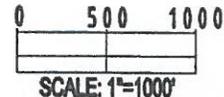
PDOP: 2.1
 GPS OPERATOR: L.K. STEVENSON

S ¼ SEC. 19
 ¾" ALUM. CAP
 LS 22098

SE SEC. 19
 ¾" ALUM. CAP
 CALC'D FROM W.C. 25' N
 LS 20685

LEGEND

- ⊕ = EXISTING MONUMENT ⊕ = BOTTOM HOLE BH = BOTTOM HOLE
- = PROPOSED WELL ⊕ = EXISTING WELL



NOTES:

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. HORIZONTAL POSITIONS AND ORTHOMETRIC ELEVATIONS SHOWN AT THE WELL HEAD, ARE BASED ON GPS-RTK POSITIONS DERIVED FROM MINIMUM 2-HOUR STATIC OBSERVATIONS CORRECTED BY THE NATIONAL GEODETIC SURVEY ONLINE POSITIONING USER SERVICE, O.P.U.S. DATUM: HORIZONTAL = NAD83/2007, VERTICAL = NAVD88
3. THE BASIS OF BEARINGS ARE STATE PLANE COORDINATE SYSTEM GRID BEARINGS SHOWN HEREON BETWEEN THE DESCRIBED MONUMENTS SHOWN HEREON.
4. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

I, L. KELLEY STEVENSON, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **ORR ENERGY, 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.



L. KELLEY STEVENSON, PLS 38231
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC

PREPARED BY:	FIELD DATE: 05-24-11	WELL NAME: HALL 19-21
DRAWING DATE: 05-28-11	SURFACE LOCATION: WELD COUNTY, COLORADO	
BY: SMF	NE ¼ NW ¼, SEC. 19, T8N, R67W	

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.

