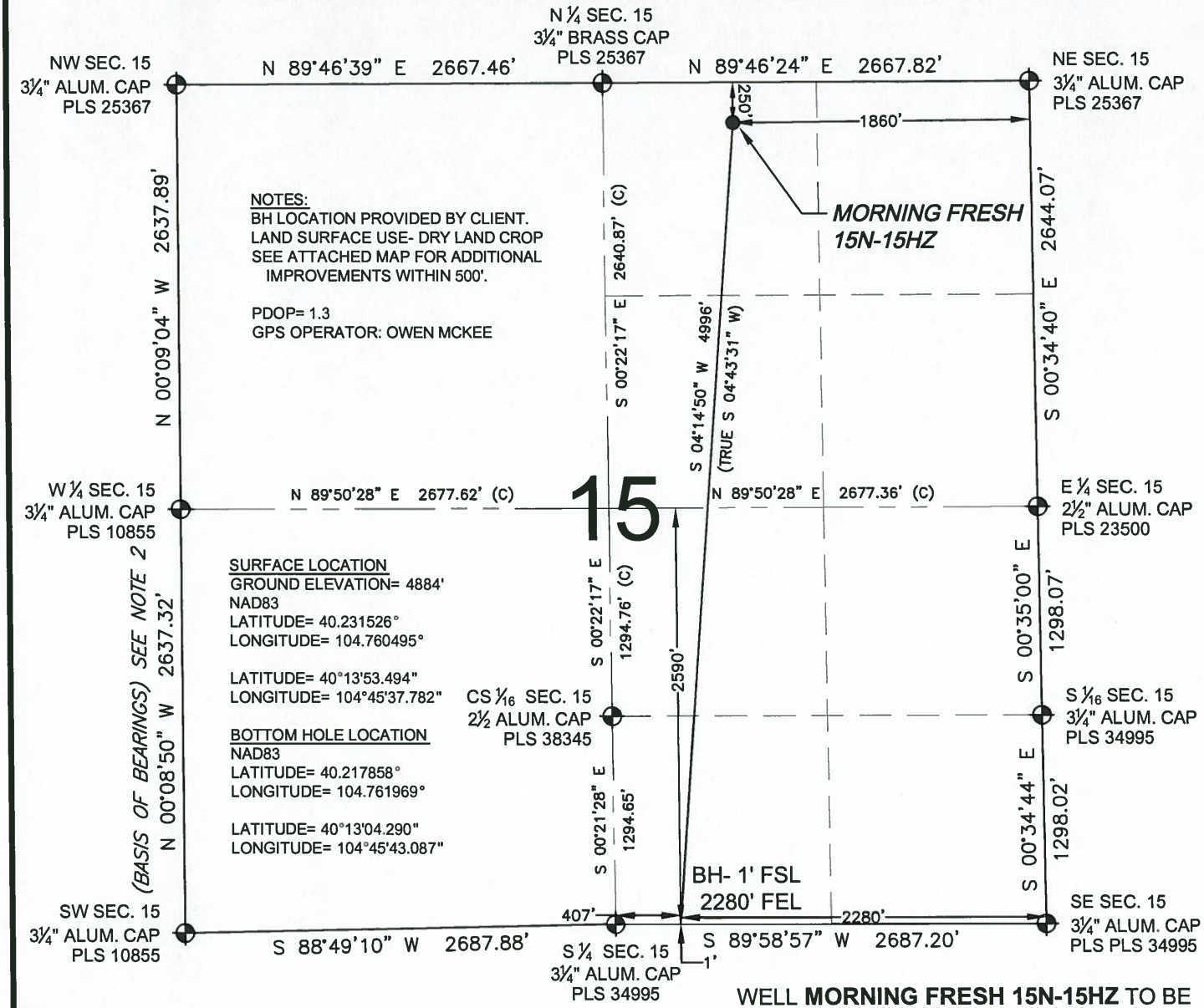
WELL LOCATION CERTIFICATE: MORNING FRESH 15N-15HZ

SECTION 15, TOWNSHIP 3 NORTH, RANGE 66 WEST, 6TH P.M.



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

PDOP= 1.3
GPS OPERATOR: OWEN MCKEE

SURFACE LOCATION
GROUND ELEVATION= 4884'
NAD83
LATITUDE= 40.231526°
LONGITUDE= 104.760495°

LATITUDE= 40°13'53.494"
LONGITUDE= 104°45'37.782"

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.217858°
LONGITUDE= 104.761969°

LATITUDE= 40°13'04.290"
LONGITUDE= 104°45'43.087"

WELL **MORNING FRESH 15N-15HZ** TO BE LOCATED 250' FNL AND 1860' FEL

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. BEARINGS AND DISTANCE SHOWN HEREON ARE GRID AND BASED ON THE COLORADO STATE PLANE COORDINATE SYSTEM, NAD 83/2011 BETWEEN MONUMENTS AS LABELED HEREON AND ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
3. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

I, BRADLEY L. LAMAN, 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.

0 500 1000
SCALE: 1"=1000'

COLORADO LICENSED
BRADLEY LANCE LAMAN
9/18/13
38345
PROFESSIONAL LAND SURVEYOR

BRADLEY L. LAMAN, PLS 38345
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

PREPARED BY:	FIELD DATE: 05-10-12	SURFACE LOCATION:
PFS Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	DRAWING DATE: 09-12-13	NW 1/4 NE 1/4, SEC. 15, T3N, R66W, 6TH P.M.
	BY: CLM / CHECK: 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.