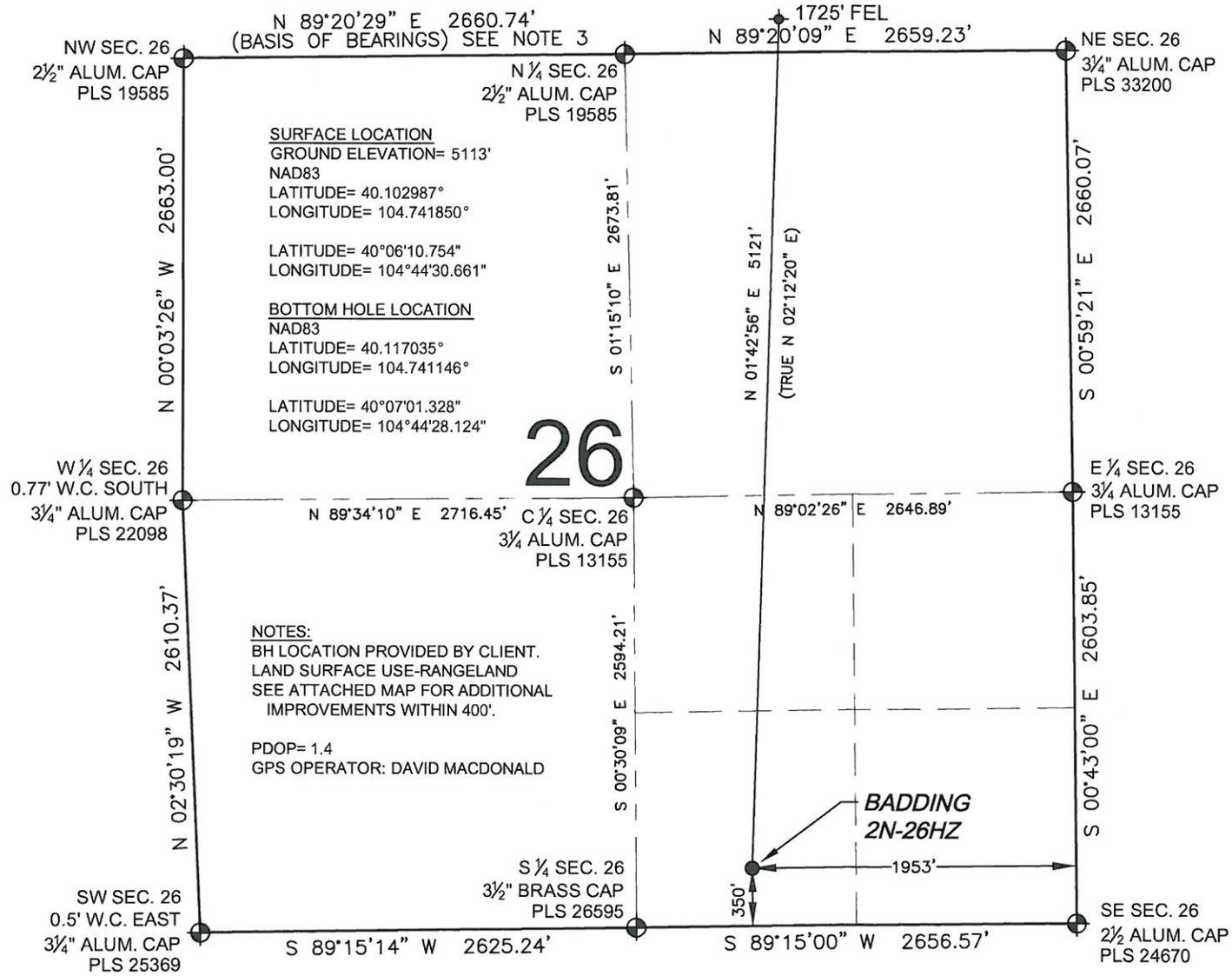


WELL LOCATION CERTIFICATE: BADDING 2N-26HZ

SECTION 26, TOWNSHIP 2 NORTH, RANGE 66 WEST, 6TH P.M.

BH- 200' FSL

1725' FEL



N 89°20'29" E 2660.74'
(BASIS OF BEARINGS) SEE NOTE 3

N 89°20'09" E 2659.23'

NW SEC. 26
2½" ALUM. CAP
PLS 19585

N ¼ SEC. 26
2½" ALUM. CAP
PLS 19585

NE SEC. 26
¾" ALUM. CAP
PLS 33200

SURFACE LOCATION
GROUND ELEVATION= 5113'
NAD83
LATITUDE= 40.102987°
LONGITUDE= 104.741850°

LATITUDE= 40°06'10.754"
LONGITUDE= 104°44'30.661"

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.117035°
LONGITUDE= 104.741146°

LATITUDE= 40°07'01.328"
LONGITUDE= 104°44'28.124"

W ¼ SEC. 26
0.77' W.C. SOUTH
¾" ALUM. CAP
PLS 22098

C ¼ SEC. 26
¾" ALUM. CAP
PLS 13155

E ¼ SEC. 26
¾" ALUM. CAP
PLS 13155

NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-RANGELAND
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 400'.

PDOP= 1.4
GPS OPERATOR: DAVID MACDONALD

SW SEC. 26
0.5' W.C. EAST
¾" ALUM. CAP
PLS 25369

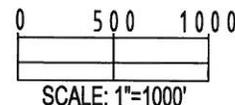
S ¼ SEC. 26
¾" BRASS CAP
PLS 26595

SE SEC. 26
½" ALUM. CAP
PLS 24670

WELL BADDING 2N-26HZ TO BE LOCATED 350' FSL AND 1953' FEL

LEGEND

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



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, MARK A. HALL, 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.



MARK A. HALL, PLS 36073
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

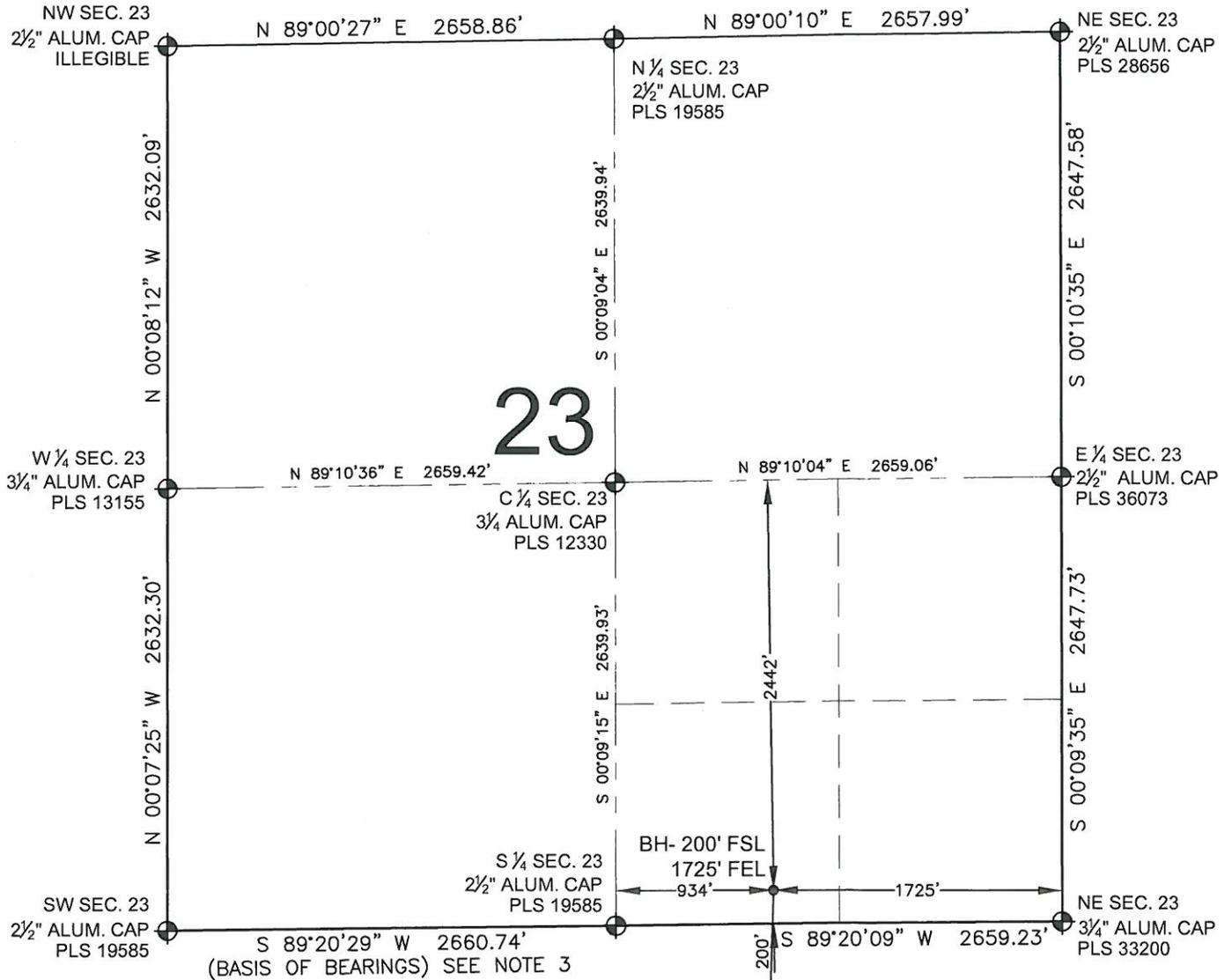
SHEET 1 OF 2

PREPARED BY: Petroleum Field Services, LLC 1601 W. 13th Ave. Denver, CO 80204	FIELD DATE: 04-30-13	SURFACE LOCATION: SW 1/4 SE 1/4, SEC. 26, T2N, R66W, 6TH P.M. WELD COUNTY, COLORADO
	DRAWING DATE: 07-22-13	
BY: SMF	CHECKED: CLM	

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.

WELL LOCATION CERTIFICATE: BADDING 2N-26HZ

SECTION 23, TOWNSHIP 2 NORTH, RANGE 66 WEST, 6TH P.M.



LEGEND

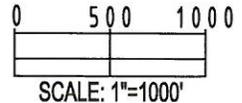
- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- ⊕ = BOTTOM HOLE
- BH = BOTTOM HOLE

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.



MARK A. HALL, PLS 36073
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 2

PREPARED BY: Petroleum Field Services, LLC 1801 W. 136th Ave. Denver, CO 80204	FIELD DATE: 04-30-13	SURFACE LOCATION: SW 1/4 SE 1/4, SEC. 26, T2N, R66W, 6TH P.M. WELD COUNTY, COLORADO
	DRAWING DATE: 07-22-13	BY: SMF

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.