



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18<sup>th</sup> Street  
Denver, CO 80202  
720-929-6000

November 20, 2013

Department of Natural Resources  
Oil and Gas Conservation Commission  
The Chancery Building  
1120 Lincoln St., Suite 801  
Denver, CO 80203

Re: **30 Day Certification Letter - 318A-e**  
Barclay 37N-26HZ  
Township 2 North, Range 67 West, Section 14: SWSE  
Unit Spacing: 02N-67W-Sec 23 E2  
02N-67W-Sec 26 E2  
Weld County, Colorado

Ladies/Gentlemen:

Kerr McGee Oil and Gas Onshore LP (“KMG”) hereby certify to the Director that KMG owns one-hundred percent (100%) of the mineral rights in the proposed spacing unit. Therefore, KMG respectfully requests the Director to approve the boundary well.

If you have any questions or issues regarding this permit, please contact Cheryl Light at (720) 929-6461.

Very truly yours,

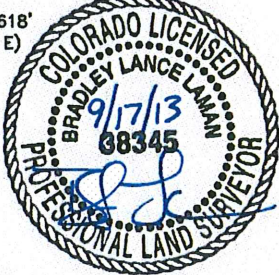
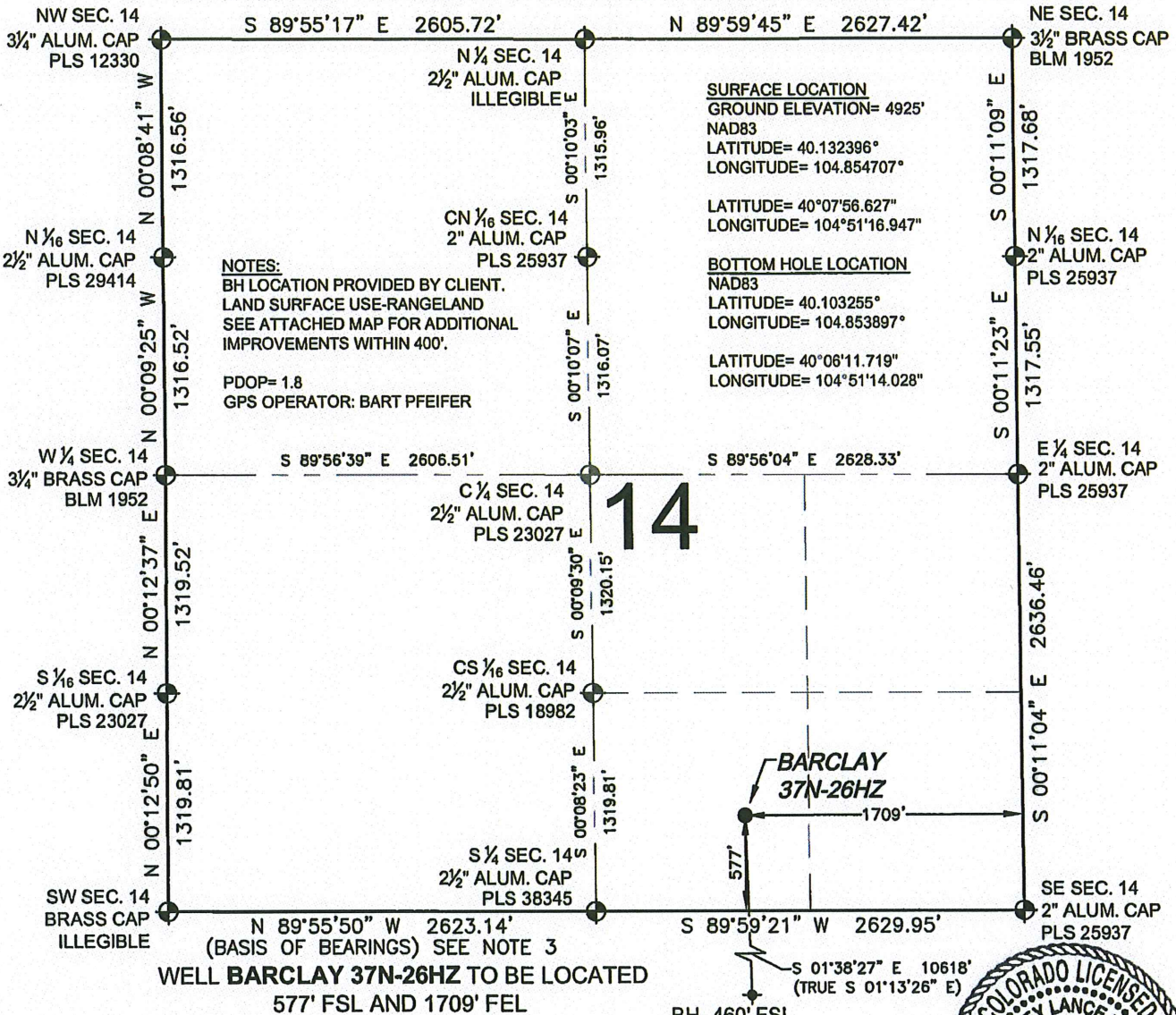
**KERR-McGEE OIL AND GAS ONSHORE LP**

A handwritten signature in blue ink, appearing to read 'Lauren Kucera'.

**Lauren Kucera**  
**Regulatory Analyst II**

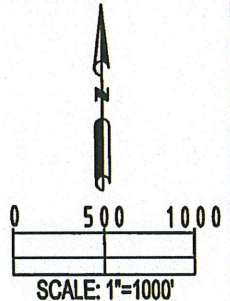
# WELL LOCATION CERTIFICATE: BARCLAY 37N-26HZ

SECTION 14, TOWNSHIP 2 NORTH, RANGE 67 WEST, 6TH P.M.



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.

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



- NOTES:
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
  - 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
  - THE BASIS OF BEARINGS ARE STATE PLANE COORDINATE SYSTEM GRID BEARINGS SHOWN HEREON BETWEEN THE DESCRIBED MONUMENTS SHOWN HEREON.
  - GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

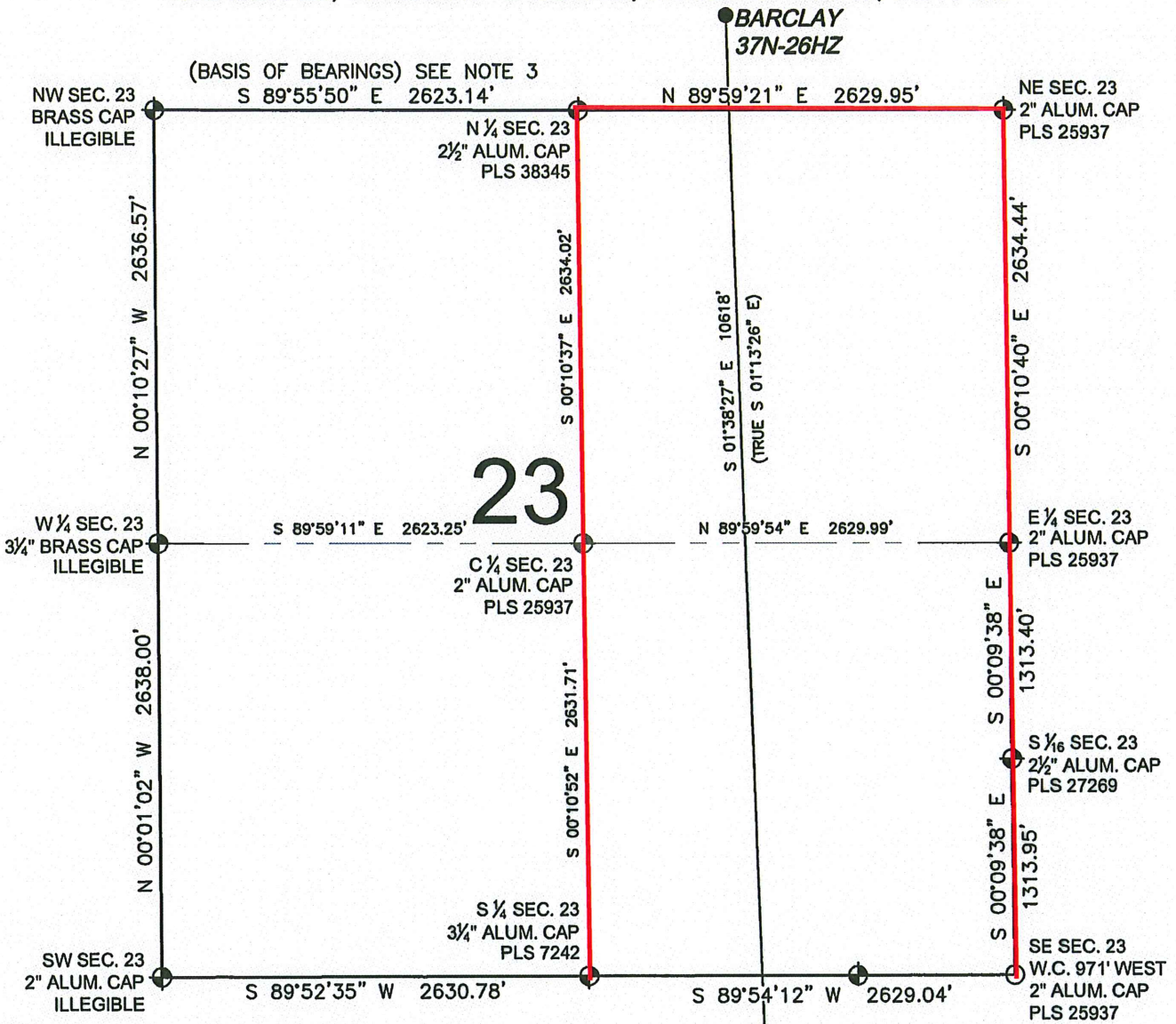
SHEET 1 OF 3

PREPARED BY: PFS Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80202	FIELD DATE: 05-28-13 DRAWING DATE: 09-17-13 BY: CPO	SURFACE LOCATION: SW 1/4 SE 1/4, SEC. 14, T2N, R67W, 6TH P.M. 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.

# WELL LOCATION CERTIFICATE: BARCLAY 37N-26HZ

## SECTION 23, TOWNSHIP 2 NORTH, RANGE 67 WEST, 6TH P.M.



# 23

● **BARCLAY  
37N-26HZ**

NE SEC. 23  
2" ALUM. CAP  
PLS 25937

N ¼ SEC. 23  
2½" ALUM. CAP  
PLS 38345

NW SEC. 23  
BRASS CAP  
ILLEGIBLE

W ¼ SEC. 23  
¾" BRASS CAP  
ILLEGIBLE

C ¼ SEC. 23  
2" ALUM. CAP  
PLS 25937

E ¼ SEC. 23  
2" ALUM. CAP  
PLS 25937

S ¼ SEC. 23  
2½" ALUM. CAP  
PLS 27269

S ¼ SEC. 23  
¾" ALUM. CAP  
PLS 7242

SW SEC. 23  
2" ALUM. CAP  
ILLEGIBLE

SE SEC. 23  
W.C. 971' WEST  
2" ALUM. CAP  
PLS 25937

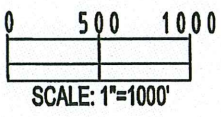
◆ BH- 460' FSL  
1415' FEL

### LEGEND

- = EXISTING MONUMENT    ◆ = BOTTOM HOLE
- = PROPOSED WELL       ◆ = EXISTING 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.



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

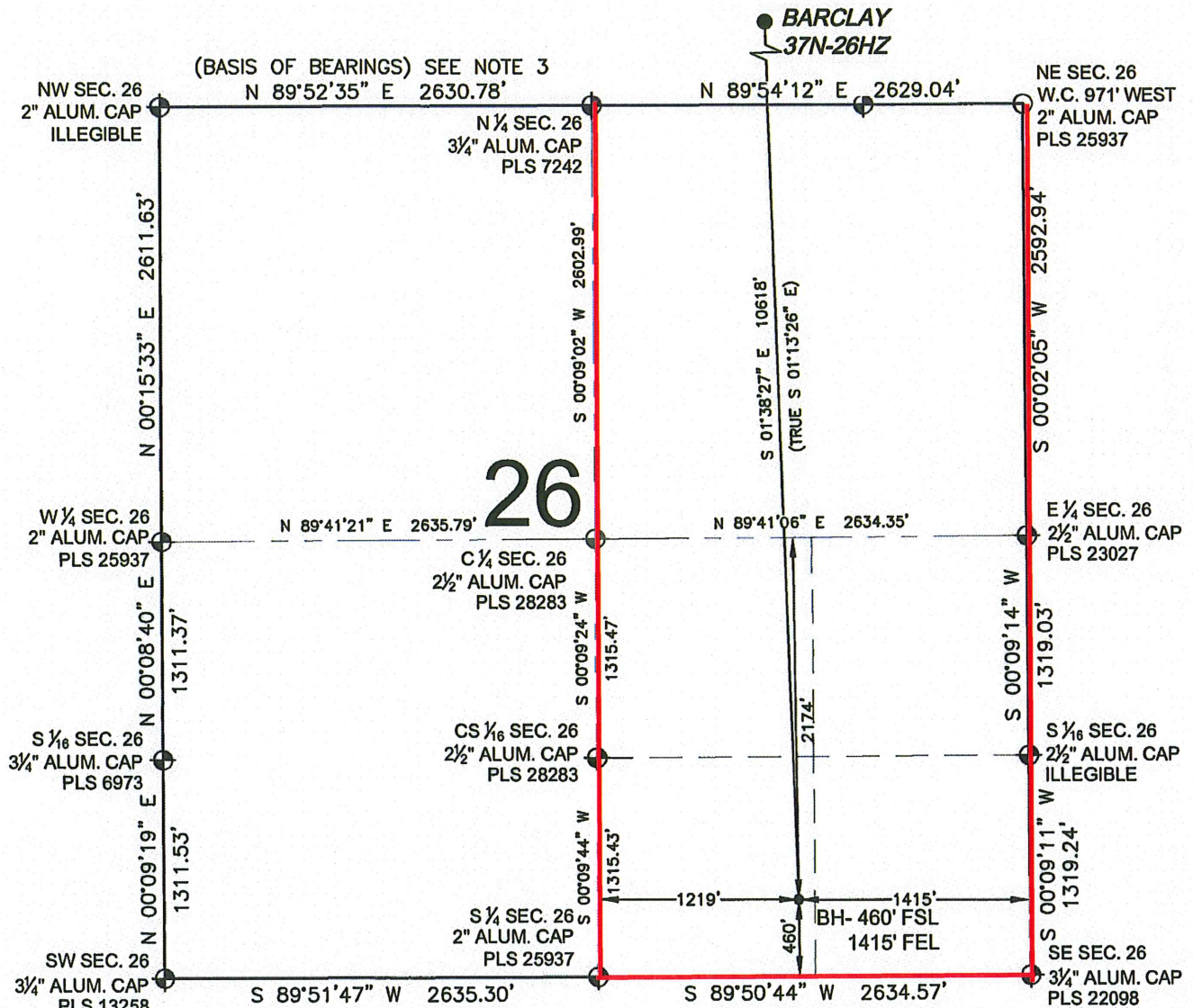
SHEET 2 OF 3

PREPARED BY:  Petroleum Field Services, LLC. 1801 W. 13th Ave. Denver, CO 80224	FIELD DATE: 05-28-13	SURFACE LOCATION: SW 1/4 SE 1/4,
	DRAWING DATE: 09-17-13	SEC. 14, T2N, R67W, 6TH P.M.
BY: CPO	CHECKED: JLF	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.

# WELL LOCATION CERTIFICATE: BARCLAY 37N-26HZ

## SECTION 26, TOWNSHIP 2 NORTH, RANGE 67 WEST, 6TH P.M.



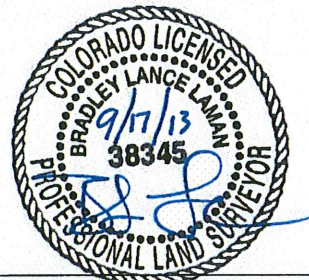
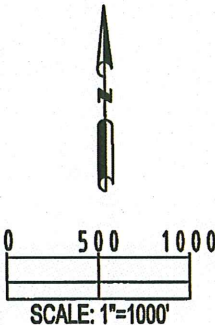
# 26

### LEGEND

- ⊕ = EXISTING MONUMENT      ⊕ = BOTTOM HOLE
- = PROPOSED WELL          ◆ = EXISTING 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.



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

SHEET 3 OF 3

PREPARED BY: Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 05-28-13 DRAWING DATE: 09-17-13 BY: CPO	SURFACE LOCATION: SW 1/4 SE 1/4, SEC. 14, T2N, R67W, 6TH P.M. 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.