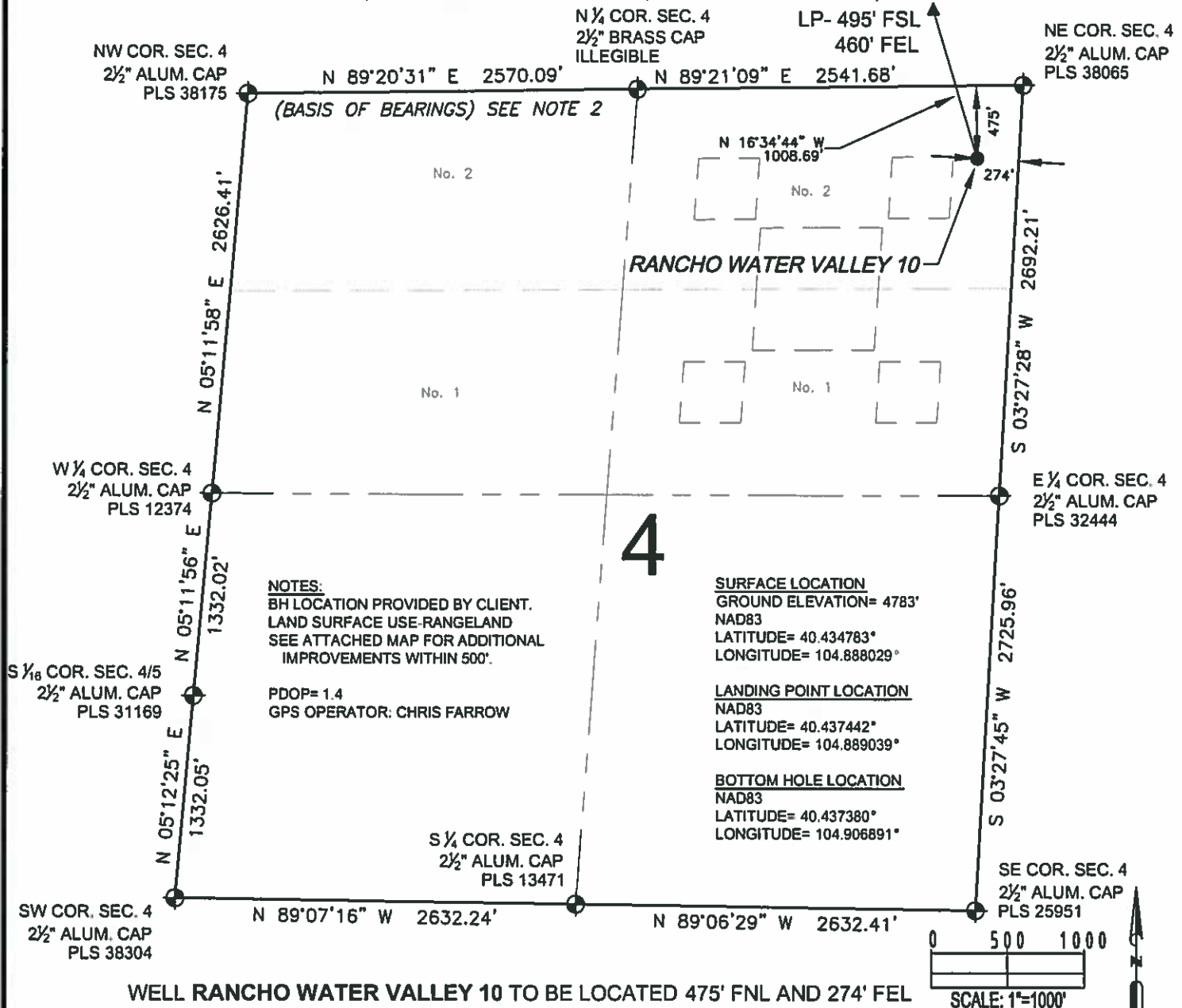


WELL LOCATION CERTIFICATE: RANCHO WATER VALLEY 10

SECTION 4, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M.



WELL RANCHO WATER VALLEY 10 TO BE LOCATED 475' FNL AND 274' FEL

LEGEND

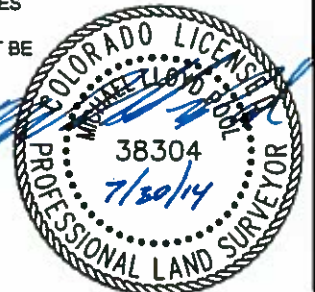
- = EXISTING MONUMENT
- ▲ = LANDING POINT
- = PROPOSED WELL
- LP = LANDING POINT
- ◆ = EXISTING WELL
- BH = BOTTOM HOLE
- ◆ = BOTTOM HOLE

NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- 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.
- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

I, MICHAEL L. POOL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO EXTRACTION OIL & GAS, 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.

MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 3

PREPARED BY: PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 07-24-14 DRAWING DATE: 07-30-14 BY: WDW CHECKED: MDC	SURFACE LOCATION: LOT 2 NE 1/4, SEC. 4, T5N, R67W, 6TH P.M. WELD COUNTY, COLORADO
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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: RANCHO WATER VALLEY 10

SECTION 33, TOWNSHIP 6 NORTH, RANGE 67 WEST, 6TH P.M.

NW COR. SEC. 33
CALC'D POSITION
FALLS IN WATER

N 89°41'50" E 2597.76' (C)

N 89°43'26" E 2597.60'

NE COR. SEC. 33
2½" ALUM. CAP
PLS 31169

N ¼ COR. SEC. 33
¾" ALUM. CAP
PLS 20685

N 01°31'19" W 2691.05' (C)

S 00°14'18" E 2630.96'

33

W ¼ COR. SEC. 33
¾" BRASS CAP
ILLEGIBLE

E ¼ COR. SEC. 33
2½" ALUM. CAP
PLS 38065

N 14°11'21" W 2745.89'

S 13°34'58" E 2766.67'

BH- 495' FSL
315' FEL

LP- 495' FSL
460' FEL

S 89°21'01" W 4969.39'

SW COR. SEC. 33
2½" ALUM. CAP
PLS 38175

S 89°20'31" W 2570.09'
(BASIS OF BEARINGS) SEE NOTE 2

S 89°21'09" W 2541.68'

SE COR. SEC. 33
2½" ALUM. CAP
PLS 38065

S ¼ COR. SEC. 33
¾" BRASS CAP
ILLEGIBLE

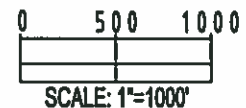
LEGEND

- ⊕ = EXISTING MONUMENT
- ⬤ = CALCULATED POSITION
- ⬤ = PROPOSED WELL
- ⬤ = EXISTING WELL
- ⬤ = BOTTOM HOLE
- ⬤ = LANDING POINT
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NOTES:

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SHEET 2 OF 3



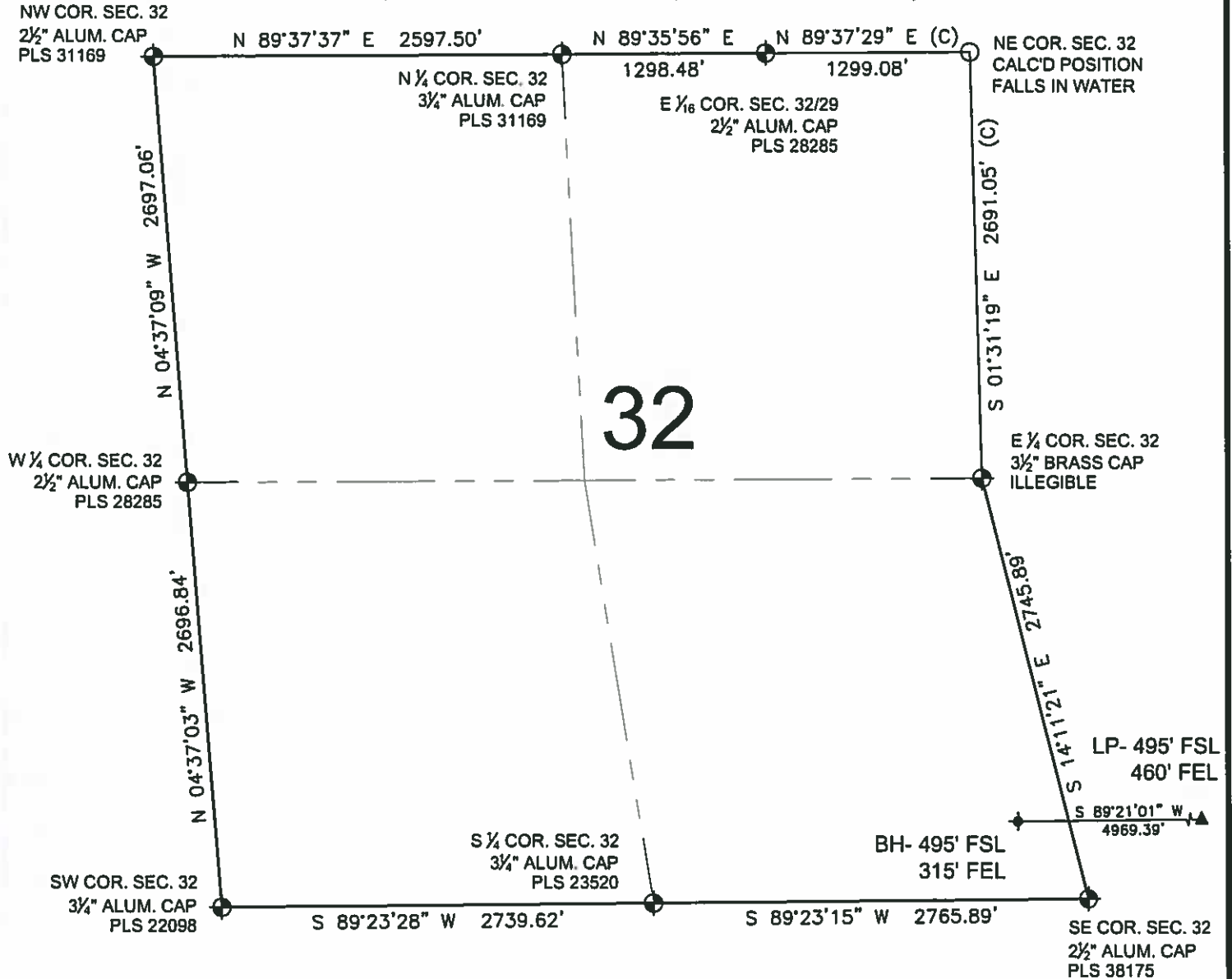
MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

PREPARED BY:	FIELD DATE:	SURFACE LOCATION:
PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	07-24-14	LOT 2 NE 1/4, SEC. 4, T5N, R67W, 6TH P.M.
BY:	DRAWING DATE:	
WDW	07-30-14	
CHECKED:		
MDC		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: RANCHO WATER VALLEY 10

SECTION 32, TOWNSHIP 6 NORTH, RANGE 67 WEST, 6TH P.M.



LEGEND

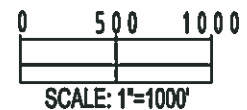
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NOTES:

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SHEET 3 OF 3

MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY:	FIELD DATE:	SURFACE LOCATION:
PFS	07-24-14	LOT 2 NE 1/4,
Professional Field Services, LLC	DRAWING DATE:	SEC. 4, T5N, R67W, 6TH P.M.
7536 Hilltop Circle	07-30-14	WELD COUNTY, COLORADO
Denver, CO 80221	BY: WDW	CHECKED: MDC

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