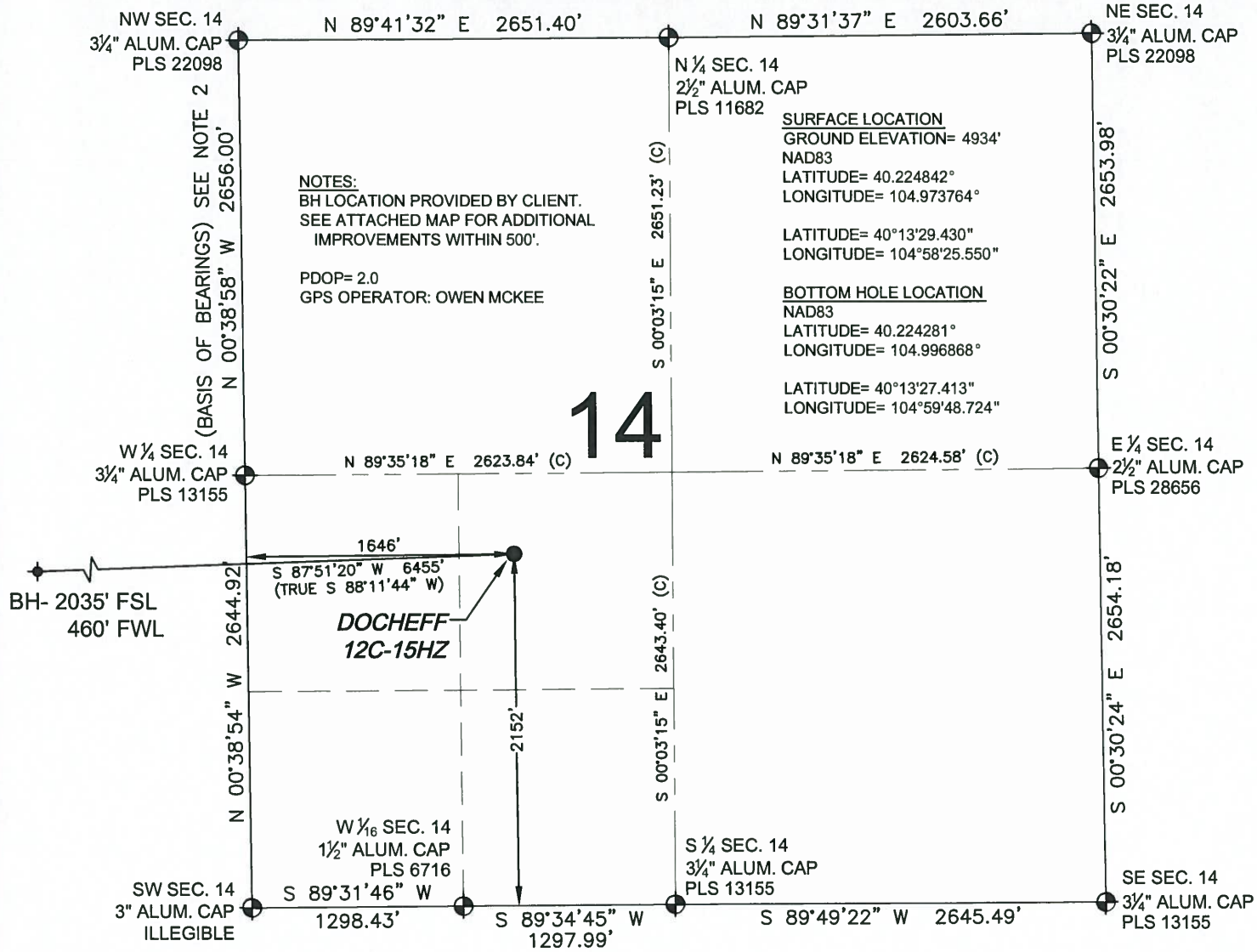
WELL LOCATION CERTIFICATE: DOCHEFF 12C-15HZ

SECTION 14, TOWNSHIP 3 NORTH, RANGE 68 WEST, 6TH P.M.



NOTES:
BH LOCATION PROVIDED BY CLIENT.
SEE ATTACHED MAP FOR ADDITIONAL IMPROVEMENTS WITHIN 500'.

PDOP= 2.0
GPS OPERATOR: OWEN MCKEE

SURFACE LOCATION
GROUND ELEVATION= 4934'
NAD83
LATITUDE= 40.224842°
LONGITUDE= 104.973764°

LATITUDE= 40°13'29.430"
LONGITUDE= 104°58'25.550"

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.224281°
LONGITUDE= 104.996868°

LATITUDE= 40°13'27.413"
LONGITUDE= 104°59'48.724"

WELL **DOCHEFF 12C-15HZ** TO BE LOCATED 2152' FSL AND 1646' FWL

LEGEND

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

BH = BOTTOM HOLE

0 500 1000
SCALE: 1"= 1000'

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.
4. ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.

SHEET 1 OF 2

I, DANIEL JOHN CORRIELL, 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.

COLORADO LICENSED
DANIEL JOHN CORRIELL
38065
5/29/14
PROFESSIONAL LAND SURVEYOR

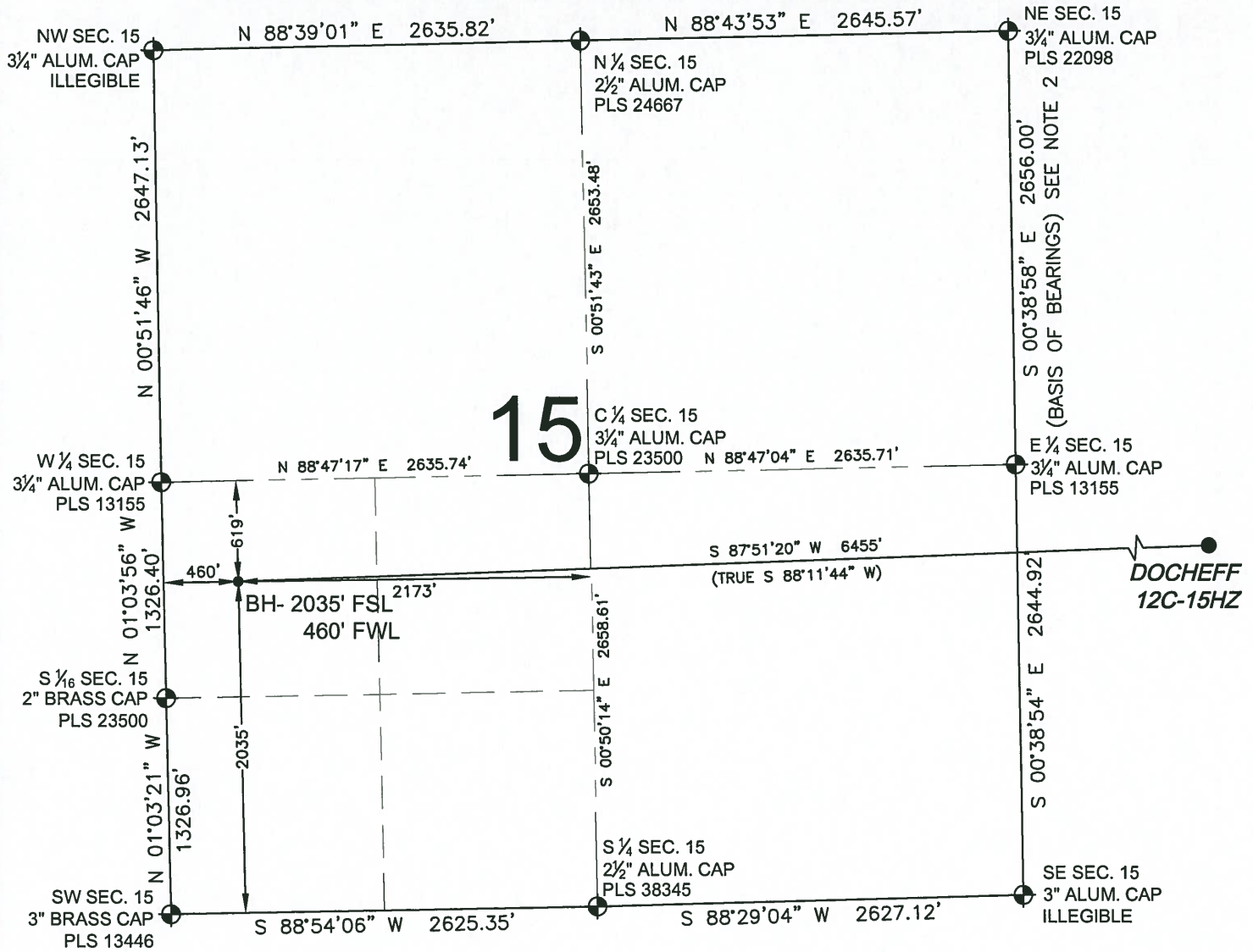
DANIEL JOHN CORRIELL, PLS 38065
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

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.

PREPARED BY:	FIELD DATE: 05-09-14	SURFACE LOCATION:
PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	DRAWING DATE: 05-28-14	NE 1/4 SW 1/4, SEC. 14, T3N, R68W, 6TH P.M.
	BY: SNC / CHECKED: LCB	WELD COUNTY, COLORADO

WELL LOCATION CERTIFICATE: DOCHEFF 12C-15HZ

SECTION 15, TOWNSHIP 3 NORTH, RANGE 68 WEST, 6TH P.M.



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4. ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.

LEGEND

- ⊕ = EXISTING MONUMENT
- ✦ = BOTTOM HOLE
- ● = PROPOSED WELL
- ◆ = EXISTING WELL
- BH = BOTTOM HOLE

SHEET 2 OF 2

DANIEL JOHN CORRIELL, PLS 38065
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

COLORADO LICENSED
DANIEL JOHN CORRIELL
38065
PROFESSIONAL LAND SURVEYOR
5/22/14

PREPARED BY:	FIELD DATE: 05-09-14	SURFACE LOCATION:
PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	DRAWING DATE: 05-28-14	NE 1/4 SW 1/4, SEC. 14, T3N, R68W, 6TH P.M.
	BY: SNC / CHECKED: LCB	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.