

BERTHOUD FARMS 8E-10-9N WELL LOCATION CERTIFICATE

NW COR. SEC. 7
2" ALUM. CAP
PLS 12374, 1995

N ¼ COR. SEC. 7
¾" ALUM. CAP
PLS 7242, 2014

NE COR. SEC. 7
¾" ALUM. CAP
PLS 7242, 2014

N88°27'32"E 2440.95'

N88°27'22"E 2643.35'

NOTES:

BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE- DRY LAND CROP
SEE LOCATION DRAWING FOR ADDITIONAL
IMPROVEMENTS WITHIN 500'

SURFACE LOCATION:

GROUND ELEVATION=5034'
NAD83
LATITUDE:40.324431° N
LONGITUDE:105.040363° W

PDOP=1.3

GPS OPERATOR: AARON RIVERA

LANDING POINT LOCATION:

NAD83
LATITUDE:40.330771° N
LONGITUDE:105.035285° W

BOTTOM HOLE LOCATION:

NAD83
LATITUDE:40.331011° N
LONGITUDE:105.019468° W

S00°33'08"E 2656.20'
BASIS OF BEARINGS
(SEE NOTE 2)

LP: 1480' FNL } SEC. 8
460' FWL }

BHL: 1472' FNL } SEC. 8
460' FEL }

W ¼ COR. SEC. 7
2½" ALUM. CAP
PLS 38304, 2014

E ¼ COR. SEC. 7
2" ALUM. CAP
PLS 23500, 2014

BERTHOUD FARMS 8E-10-9N

CS ¼ COR. SEC. 7
2½" ALUM. CAP
LS 34174, 2006

S ¼ COR. SEC. 7/8
2½" ALUM. CAP
LS 34174, 2006

SW COR. SEC. 7
2½" ALUM. CAP
LS 16404, 1997

S ¼ COR. SEC. 7
2½" ALUM. CAP
LS 12374, 2002

SE COR. SEC. 7
¾" ALUM. CAP
LS 22098, 1999

S88°37'57"W 2469.74'

S88°37'53"W 2649.39'

N00°10'25"W 2648.56'

N00°10'23"W 2649.14'

N00°29'04"W 1322.28'

S00°33'21"E 1328.23'

S00°33'00"E 1328.13'

N88°30'15"E 2647.96'

N31°12'24"E 2708.78'

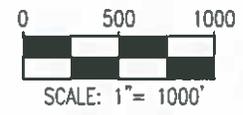
966'

1561'

LEGEND

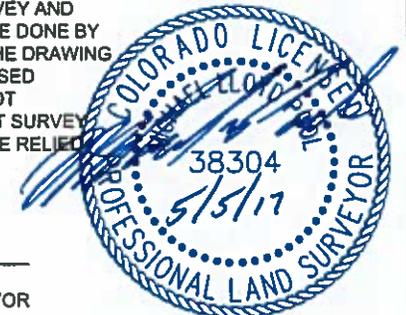
- ⊕ = EXISTING MONUMENT ⊕ = BOTTOM HOLE
- = CALCULATED POSITION ▲ = LANDING POINT
- = PROPOSED WELL LP = LANDING POINT
- ◆ = EXISTING WELL BHL = BOTTOM HOLE LOCATION

**WELL BERTHOUD FARMS 8E-10-9N TO BE
LOCATED 1547' FSL & 966' FEL**



- 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, 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.



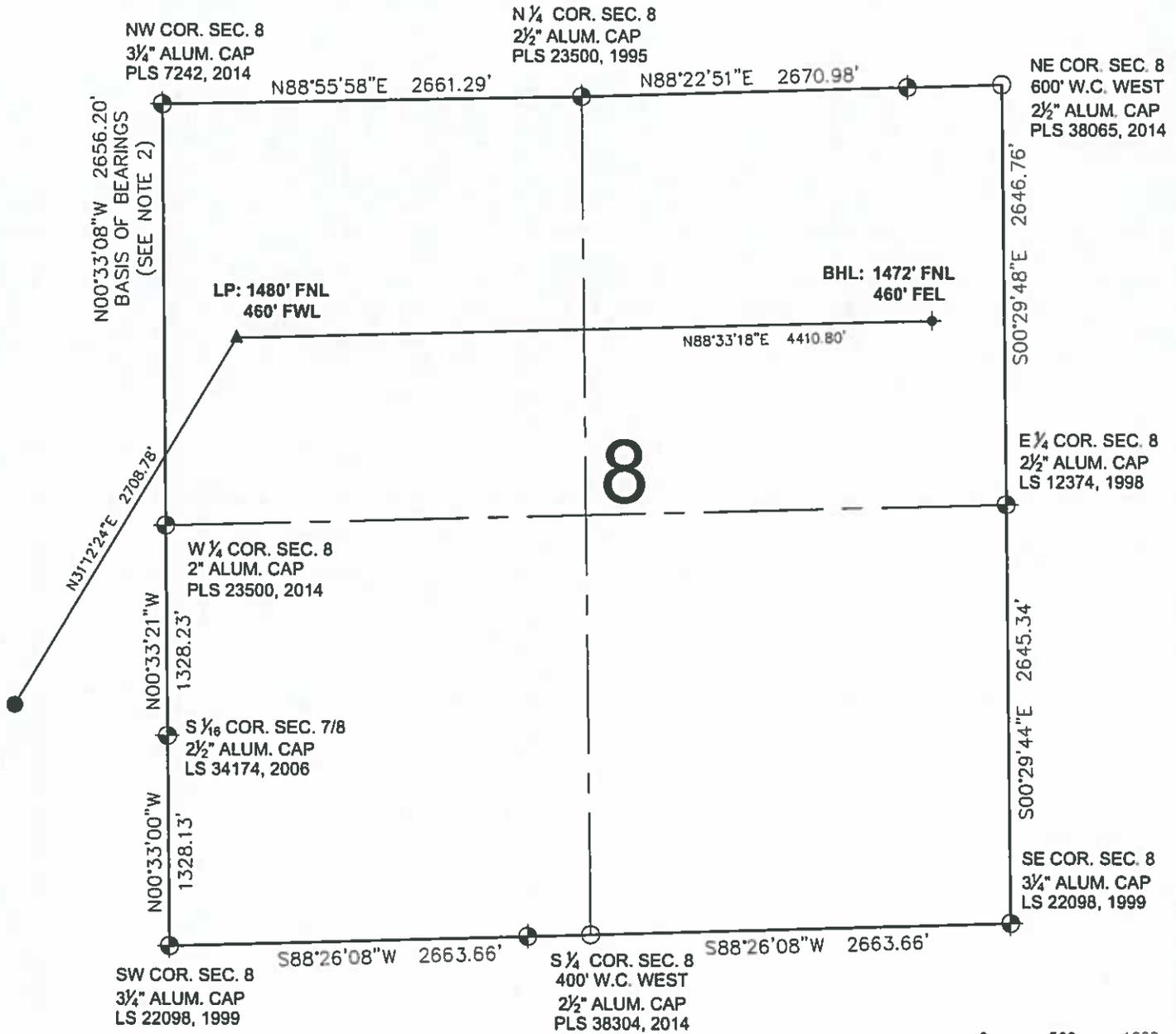
NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

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

SHEET 1 OF 2

<p>PREPARED BY:</p> <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	<p>FIELD DATE: 04-05-17</p> <p>DRAWING DATE: 05-02-17</p> <p>BY: IJM</p>	<p>WELL NAME: BERTHOUD FARMS 8E-10-9N</p> <p>SURFACE LOCATION: NE 1/4 SE 1/4 SEC. 7, T4N, R68W, 6TH P.M. WELD COUNTY, COLORADO</p> <p>CHECKED BY: CSG</p>	<p>PREPARED FOR:</p>
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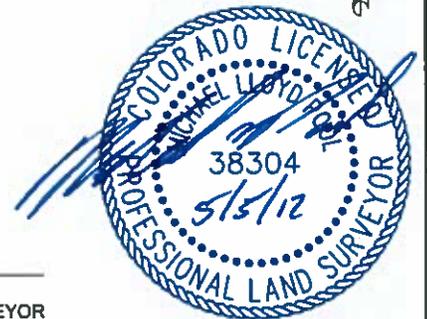
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SHEET 2 OF 2

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