

MCC 3-66 25-27 16HN WELL LOCATION CERTIFICATE

NW COR. SEC. 25
3" BRASS CAP
PLS 23527, 2009

S89°58'57"E 2641.94'

N89°59'51"E 2643.34'

NE COR. SEC. 25
3 1/4" ALUM. CAP
PLS 24313, 1999

N 1/4 COR. SEC. 25
3" BRASS CAP
LS 16848, 1989

SURFACE LOCATION:
GROUND ELEVATION=5479'
NAD83
LATITUDE:39.755989° N
LONGITUDE:104.718456° W

LANDING POINT LOCATION:
NAD83
LATITUDE:39.756318° N
LONGITUDE:104.718010° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:39.756279° N
LONGITUDE:104.761248° W

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

PDOP=1.2
GPS OPERATOR: RYAN DESMOND

W 1/4 COR. SEC. 25
CALCULATED
CITY OF AURORA

N89°59'27"E 2643.38'

N89°59'47"E 2644.01'

E 1/4 COR. SEC. 25
3" BRASS CAP
LS 16848, 1989

C 1/4 COR. SEC. 25
2 1/2" ALUM. CAP
PLS 38304, 2017

BASIS OF BEARINGS
(SEE NOTE 2)

N00°16'34"E 2649.57'
N00°16'11"E 2649.77'

BHL: 600' FSL
2157' FEL } SEC. 27

S89°54'38"W 12159.96'

N46°15'31"E
173.67'

LP: 600' FSL
600' FEL

SW COR. SEC. 25
3" BRASS CAP
LS 13327, 1981

S89°59'18"W 2644.45'

S 1/4 COR. SEC. 25
2 1/2" ALUM. CAP
LS 22088, 2003

S89°57'50"W 2645.12'

SE COR. SEC. 25
3 1/4" ALUM. CAP
PLS 24313, 1999

LEGEND

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

NOTES:

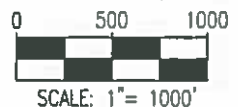
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 25, BEARS N00°16'11"E BETWEEN THE MONUMENTS SHOWN HEREON.
3. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 39.798242°N. A CENTRAL MERIDIAN LONGITUDE OF 104.776111°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000257 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
4. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

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 MCC 3-66 25-27 16HN TO BE LOCATED 480' FSL & 725' FEL

I, MICHAEL L. POOL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY TO **GMT EXPLORATION COMPANY LLC** 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.

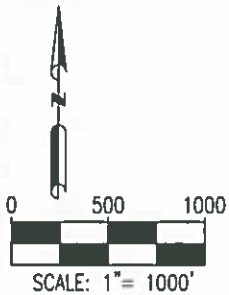
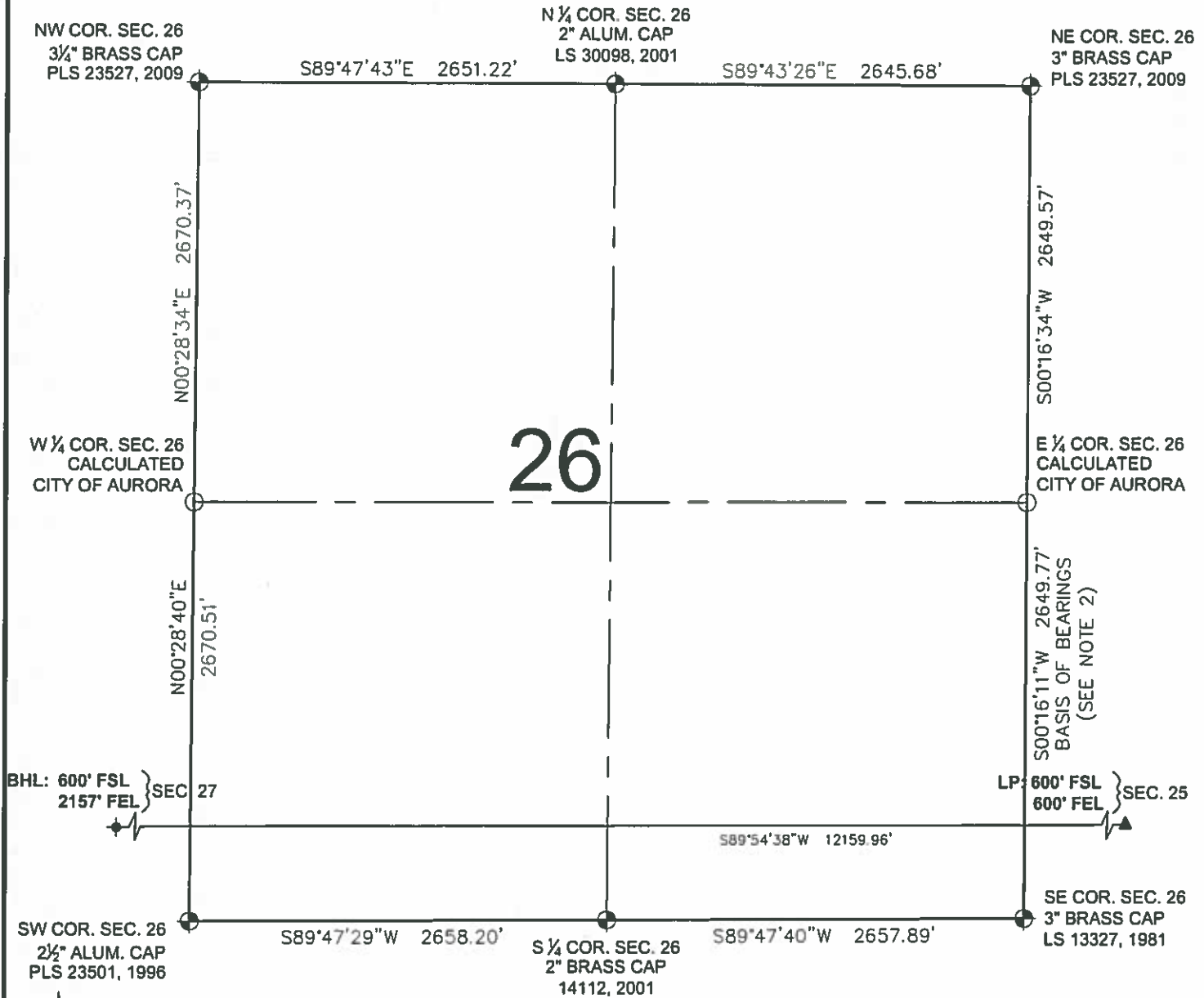
MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 3

	FIELD DATE: 10-31-17	WELL NAME: MCC 3-66 25-27 16HN	PREPARED FOR:
	DRAWING DATE: 11-01-17	SURFACE LOCATION: SE 1/4 SE 1/4, SEC. 25, T3S, R66W, 6TH P.M. ADAMS COUNTY, COLORADO	
BY: DP	CHECKED: CSG		

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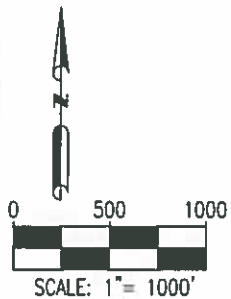
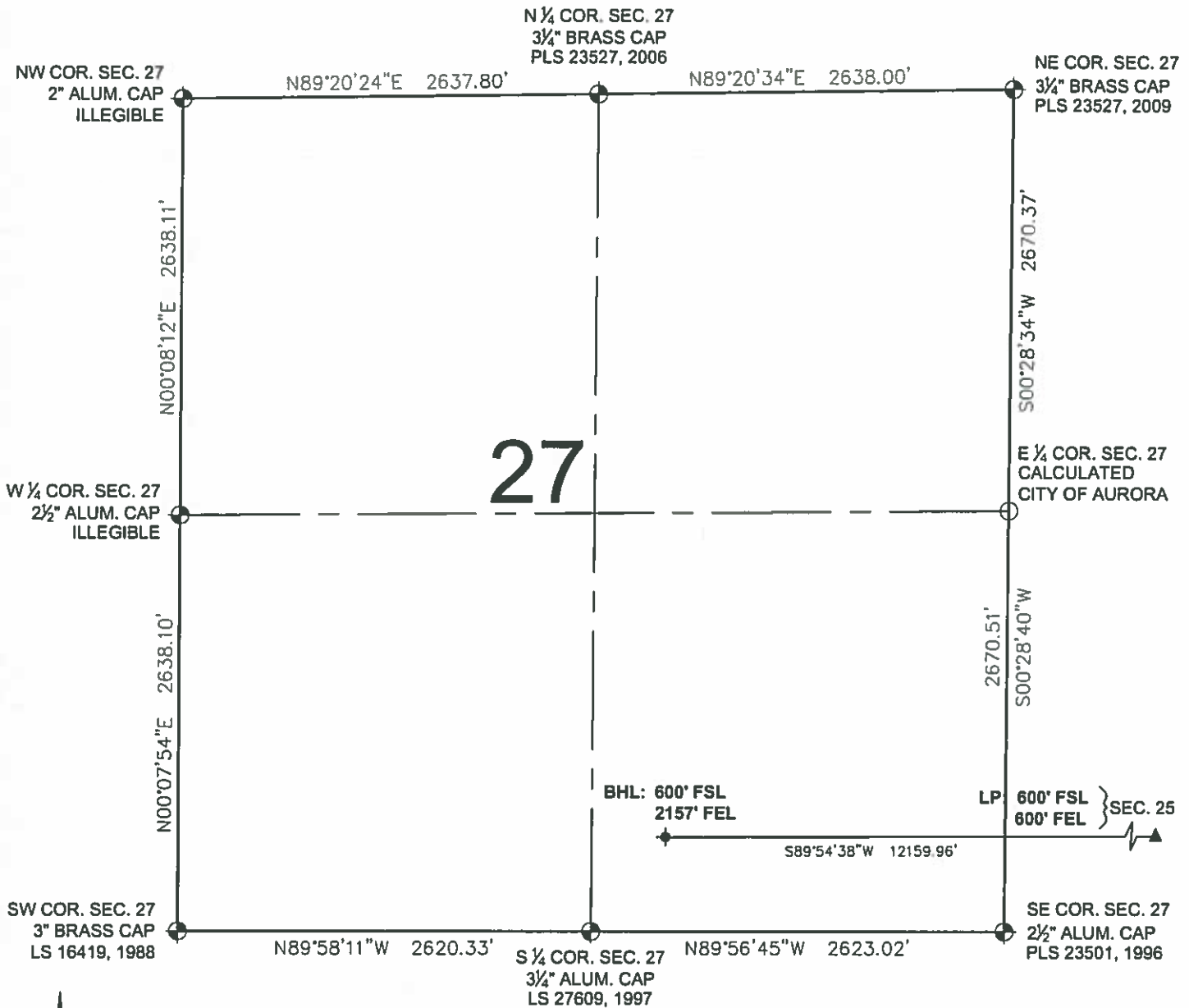
MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
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SHEET 2 OF 3

<p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7124 www.ascentgeomatics.com</p>	<p>FIELD DATE: 10-31-17</p> <p>DRAWING DATE: 11-01-17</p> <p>BY: DP</p>	<p>WELL NAME: MCC 3-66 25-27 16HN</p> <p>SURFACE LOCATION: SE 1/4 SE 1/4, SEC. 25, T3S, R66W, 6TH P.M. ADAMS COUNTY, COLORADO</p>	<p>PREPARED FOR:</p> <p> GMT Exploration Company LLC</p>
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MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
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SHEET 3 OF 3



FIELD DATE
10-31-17

DRAWING DATE
11-01-17

BY: DP
CHECKED: CSG

WELL NAME
MCC 3-66 25-27 16HN

SURFACE LOCATION:
SE 1/4 SE 1/4, SEC. 25, T3S, R66W, 6TH P.M.
ADAMS COUNTY, COLORADO

PREPARED FOR

