

G & D HANKS S-27-28HN WELL LOCATION CERTIFICATE

NW COR. SEC. 27
3 1/4" ALUM. CAP
PLS 26595, 2000

N89°26'09"E 2652.17'

N89°30'11"E 2659.30'

NE COR. SEC. 27
3 1/4" ALUM. CAP
ILLEGIBLE

N 1/4 COR. SEC. 27
3 1/4" ALUM. CAP
LS 12374, 1995

SURFACE LOCATION:
GROUND ELEVATION=4874'
NAD83
LATITUDE:40.542089°N
LONGITUDE:104.759854°W

N02°18'09"E 2664.29'
BASIS OF BEARINGS
(SEE NOTE 2)

NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE-IRRIGATED CROP
SEE LOCATION DRAWING FOR ADDITIONAL
IMPROVEMENTS WITHIN 500'
EXISTING WELL G & D HANKS 15-27 IS 557'
SW AT 1080' FSL & 2111' FEL
EXISTING WELL G & D HANKS 10-27 IS 545'
SW AT 1067' FSL & 2094' FEL
EXISTING WELL G & D HANKS 20-27 IS 528'
SW AT 1057' FSL & 2073' FEL

LANDING POINT LOCATION:
NAD83
LATITUDE:40.541911°N
LONGITUDE:104.755879°W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.541594°N
LONGITUDE:104.793118°W

PDOP=1.6
GPS OPERATOR: ROSS TODD

27

W 1/4 COR. SEC. 27
2 1/2" ALUM. CAP
LS 12374, 199X

N89°30'36"E 2718.01'

C 1/4 COR. SEC. 27
2 1/2" ALUM. CAP
LS 12374, 1999

N89°31'42"E 2715.72'

E 1/4 COR. SEC. 27
3 1/4" ALUM. CAP
ILLEGIBLE

N02°18'02"E 2664.93'

G & D HANKS S-27-28HN

S89°21'47"W 10353.22'

BHL: 1150' FSL } SEC. 28
5' FWL

LP: 1150' FSL
470' FEL

EX. G & D HANKS 15-27
EX. G & D HANKS 10-27
EX. G & D HANKS 20-27

S86°38'19"E
1106.86'

1391.71'

1391.73'

1386.87'

1387.48'

SW COR. SEC. 27
2 1/2" ALUM. CAP
LS 23513, NO DATE

S89°30'47"W

W 1/6 COR. SEC. 27/34
2 1/2" ALUM. CAP
PLS 24307, 2014

S 1/4 COR. SEC. 27
2 1/2" ALUM. CAP
LS 12374, 1993

S89°18'37"W

E 1/6 COR. SEC. 27/34
3 1/4" ALUM. CAP
PLS 38149, 2017

SE COR. SEC. 27
2 1/2" ALUM. CAP
LS 23513, NO DATE

LEGEND

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

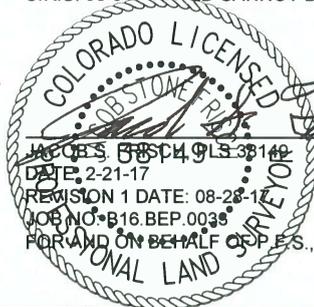
NOTES:

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 NORTHWEST QUARTER OF SECTION 27, BEARS N02°18'09"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 40.567905°, A CENTRAL MERIDIAN LONGITUDE OF -104.773474°, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000235 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
4. ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
5. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF ORIGINAL 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.

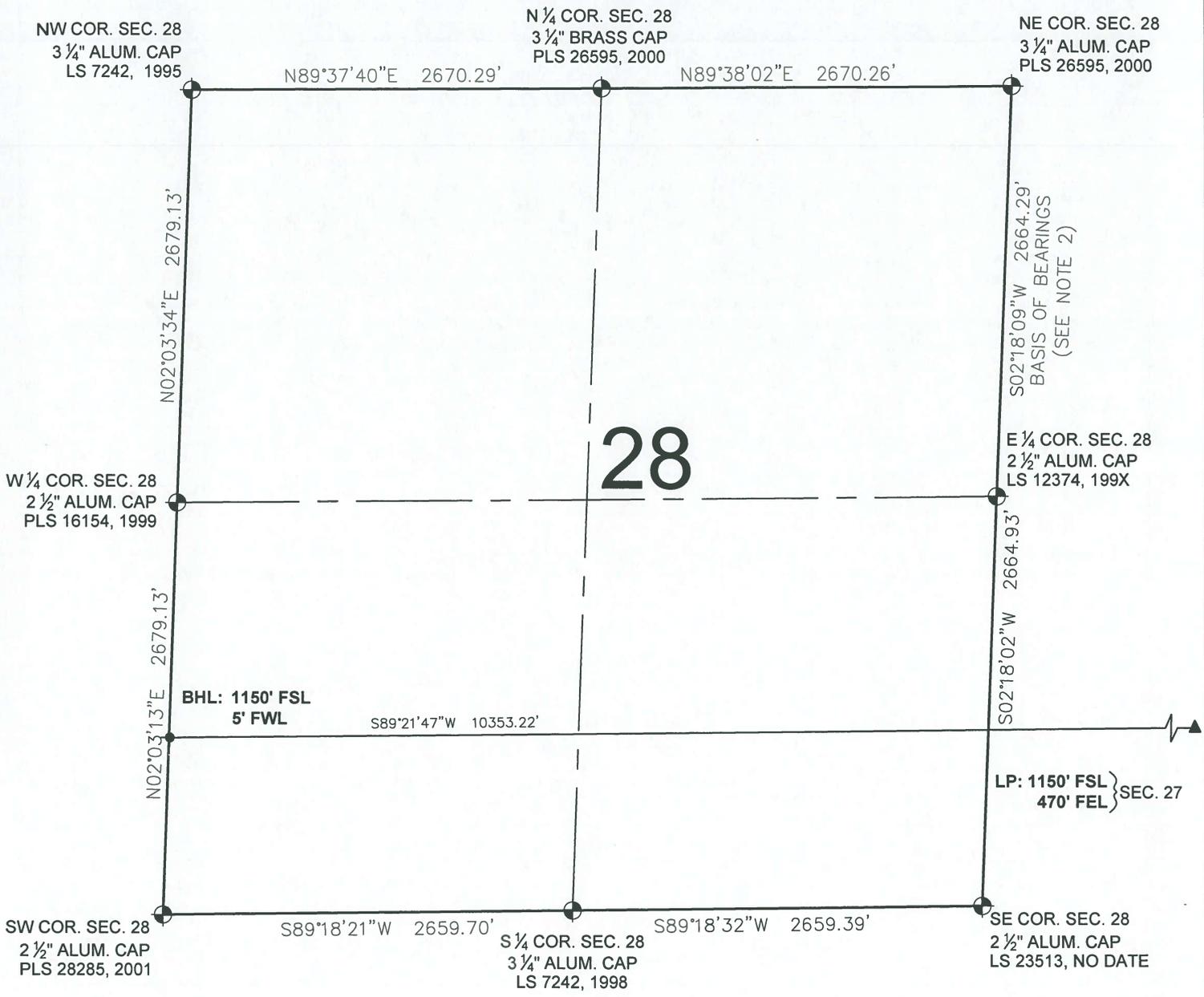
**WELL G & D HANKS S-27-28HN TO BE
LOCATED 1228' FSL & 1575' FEL**

I, JACOB S. FRISCH, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **BAYSWATER EXPLORATION & PRODUCTION, 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.



<p style="font-size: 8pt;">7535 Hilltop Circle Denver, CO 80221 (303) 928-7725 www.bscegeomatrics.com</p>	FIELD DATE: 12-20-16	WELL NAME: G & D HANKS S-27-28HN	PREPARED FOR:
	DRAWING DATE: 08-24-17	SURFACE LOCATION: SW 1/4 SE 1/4 SEC. 27, T7N, R66W, 6TH P.M. WELD COUNTY, COLORADO	
BY: DJP	CHECKED BY: KAD		

G & D HANKS S-27-28HN WELL LOCATION CERTIFICATE



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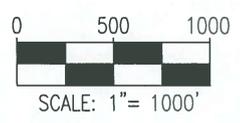
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E 1/4 COR. SEC. 28
2 1/2\"/>

S02°18'02\"/>

LP: 1150' FSL } SEC. 27
470' FEL }

SE COR. SEC. 28
2 1/2\"/>



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COLORADO LICENSED
SUBSTONE

Jacob S. Frisch

JACOB S. FRISCH PLS 38149
DATE: 2-21-17
REVISION 1 DATE: 08-28-17
JOB NO: 16.BEP.0033
FOR AND ON BEHALF OF P.E.S., LLC
PROFESIONAL LAND SURVEYOR

SHEET 2 OF 2

<p style="font-size: 8px;">7535 Hilltop Circle Denver, CO 80221 303.928-7138 www.ascentgeomatics.com</p>	FIELD DATE: 12-20-16	WELL NAME: G & D HANKS S-27-28HN	PREPARED FOR:
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