

LAUNER 8C WELL LOCATION CERTIFICATE

N 1/4 COR. SEC. 26
3/4" ALUM. CAP
W.C. 357.63' WEST
LS 22098, 1989

NW COR. SEC. 26
3/4" ALUM. CAP
LS 36074

S89°48'49"E 2651.69'

NE COR. SEC. 26
7/8" ALUM. CAP
PLS ??????, ?????

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

SURFACE LOCATION:
GROUND ELEVATION=4926'
NAD83
LATITUDE:40.539814° N
LONGITUDE:104.852437° W

PDOP=1.5
GPS OPERATOR: BEN HARDENBERGH

LANDING POINT LOCATION:
NAD83
LATITUDE:40.541110° N
LONGITUDE:104.853082° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.541255° N
LONGITUDE:104.879187° W

BASIS OF BEARINGS
(SEE NOTE 2)
N00°08'22"E 2643.09'

N00°07'59"E 2636.03'

S00°25'14"W 2629.27'

W 1/4 COR. SEC. 26
3/4" ALUM. CAP
LS 34995, 2009

26

C 1/4 COR. SEC. 26
2" ALUM. CAP
LS 22098, 1989

N89°57'56"W 2645.43'

N89°57'39"W 2638.50'

E 1/4 COR. SEC. 26
3/4" ALUM. CAP
LS 22098, 1989

N00°07'37"E
2639.64'

N00°08'00"E 2642.08'

1322.25'

S00°01'18"E

BHL: 1234' FSL }
2561' FEL } SEC. 27

N89°37'15"W 7257.61'

LP: 1171' FSL
592' FEL

S 1/8 COR. SEC. 26/25
3/4" ALUM. CAP
LS 34995, 2007

SW COR. SEC. 26
3/4" ALUM. CAP
LS 38106, 2013

N89°54'46"W 2645.14'

LAUNER 8C

1322.18'

S00°00'50"E

S 1/4 COR. SEC. 26
3/4" ALUM. CAP
LS 22098, 1989

N89°54'36"W 2645.47'

SE COR. SEC. 26
3/4" ALUM. CAP
LS 20685, 1995

LEGEND

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

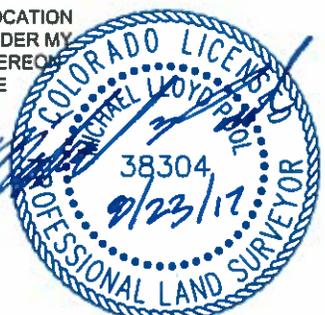
**WELL LAUNER 8C TO BE LOCATED
699' FSL & 412' FEL**



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 26, BEARS N00°08'22"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 40.574349°N, A CENTRAL MERIDIAN LONGITUDE OF 104.926734°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000237 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
4. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

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.

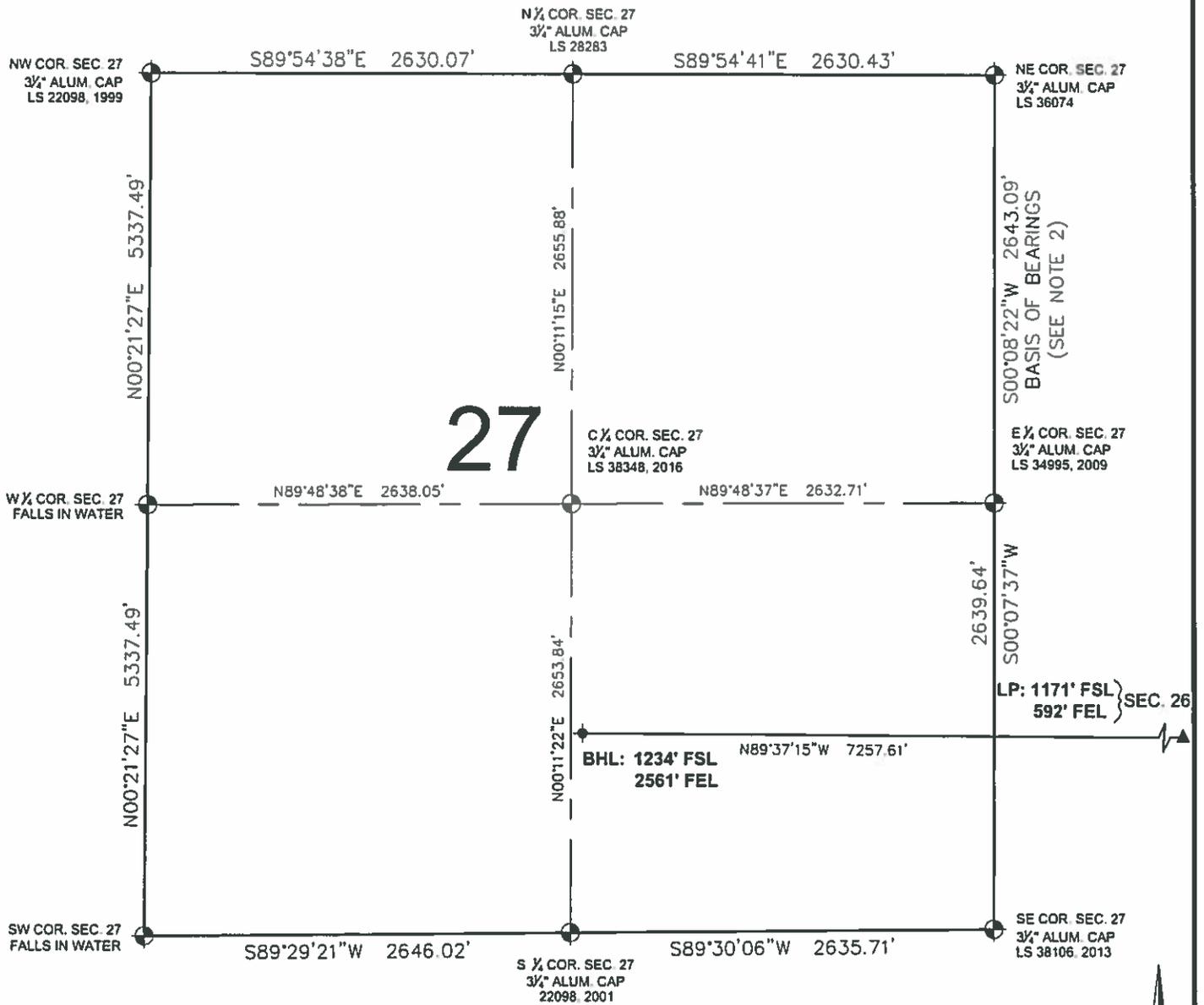


MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

SHEET 1 OF 2

<p style="font-size: 8px;">5535 Hi-Top Circle Denver, CO 80221 (303) 929-7119 www.ascentgeomatics.com</p>	FIELD DATE 08-29-14	WELL NAME LAUNER 8C	PREPARED FOR:
	DRAWING DATE 08-23-17	SURFACE LOCATION SE 1/4 SE 1/4 SEC. 26, T7N, R67W, 6TH P.M. WELD COUNTY, COLORADO	
BY DJP	CHECKED IJM		

LAUNER 8C WELL LOCATION CERTIFICATE

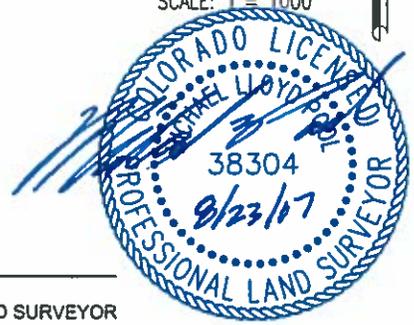


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 FOR AND ON BEHALF OF P.F.S., LLC

SHEET 2 OF 2



 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE 08-29-14	WELL NAME LAUNER 8C	PREPARED FOR 
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