

# LAUNER 5 WELL LOCATION CERTIFICATE

N ¼ COR. SEC. 26  
3 ¼" ALUM. CAP  
W.C. 357.63' WEST  
LS 22098, 1989

NW COR. SEC. 26  
3 ¼" ALUM. CAP  
LS 36074

S89°48'46"E 2645.14'

S89°48'49"E 2651.69'

NE COR. SEC. 26  
7 ¼" ALUM. CAP  
PLS 77777, 7777

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

**SURFACE LOCATION:**  
GROUND ELEVATION=4927'  
NAD83  
LATITUDE:40.539941° N  
LONGITUDE:104.852323° W

PDOP=1.5  
GPS OPERATOR: BEN HARDENBERGH

**LANDING POINT LOCATION:**  
NAD83  
LATITUDE:40.542895° N  
LONGITUDE:104.853080° W

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.543040° N  
LONGITUDE:104.879183° 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 ¼ COR. SEC. 26  
3 ¼" ALUM. CAP  
LS 34995, 2009

# 26

C ¼ COR. SEC. 26  
2" ALUM. CAP  
LS 22098, 1989

N89°57'56"W 2645.43'

N89°57'39"W 2638.50'

E ¼ COR. SEC. 26  
3 ¼" ALUM. CAP  
LS 22098, 1989

BHL: 1884' FSL }  
2562' FEL } SEC. 27

N89°37'20"W 7256.76'

LP: 1821' FSL  
591' FEL

N00°07'37"E 2639.64'

N00°08'00"E 2642.08'

S00°01'18"E

S ½ COR. SEC. 26/25  
3 ¼" ALUM. CAP  
LS 34995, 2007

SW COR. SEC. 26  
3 ¼" ALUM. CAP  
LS 38108, 2013

N89°54'46"W 2645.14'

N89°54'36"W 2645.47'

S00°00'50"E

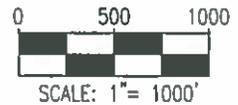
S ¼ COR. SEC. 26  
3 ¼" ALUM. CAP  
LS 22098, 1989

SE COR. SEC. 26  
3 ¼" ALUM. CAP  
LS 20685, 1995

### LEGEND

- ⊕ = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ▲ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
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**WELL LAUNER 5 TO BE LOCATED  
746' FSL & 380' FEL**

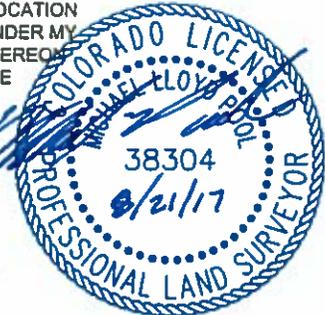


### NOTES:

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.

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.

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.

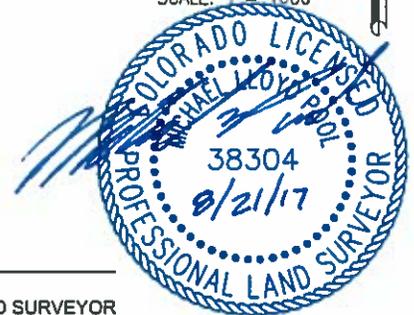
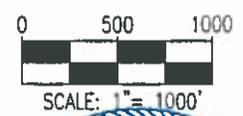
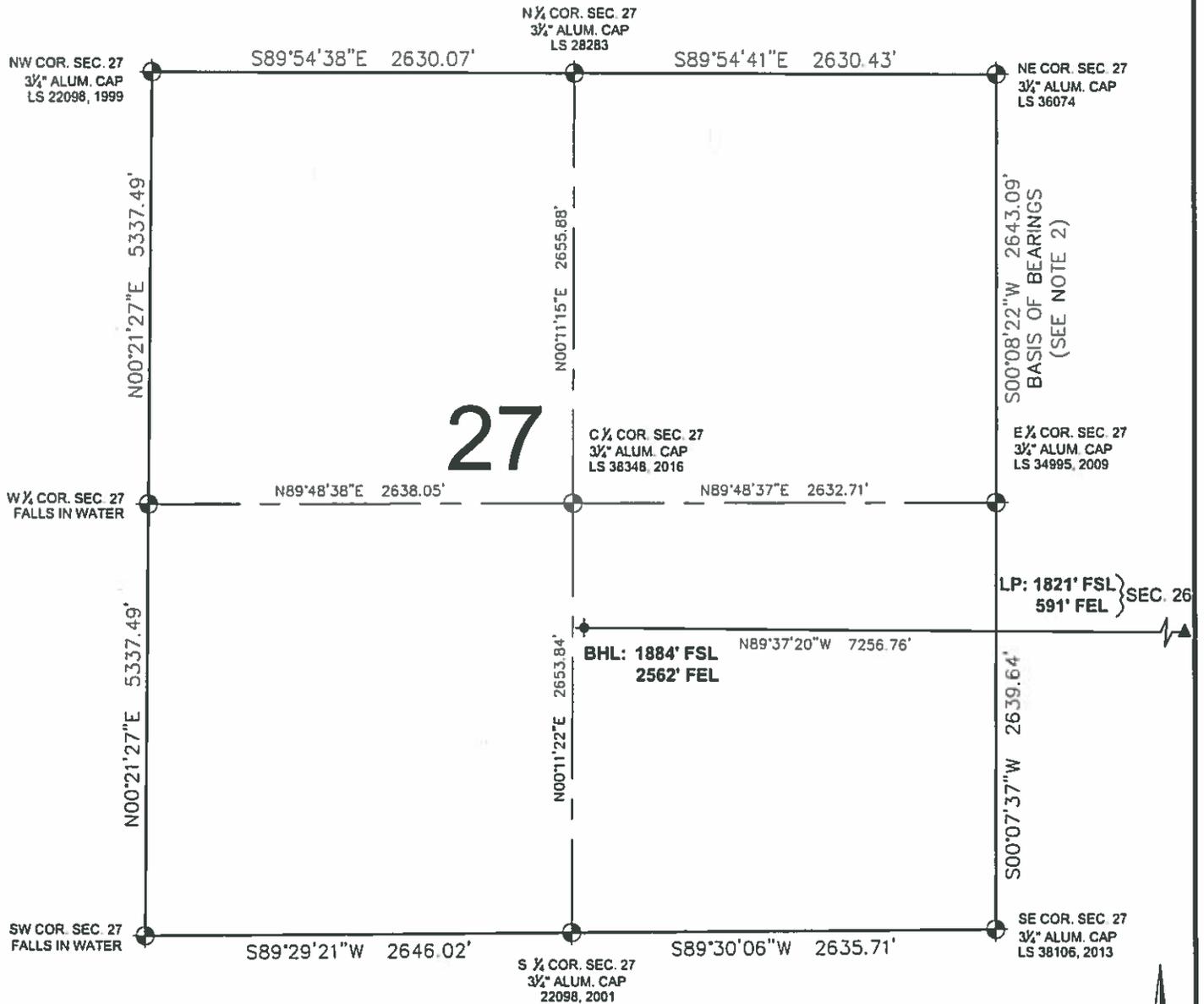


MICHAEL L. POOL, PLS 38304  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC

SHEET 1 OF 2

	FIELD DATE: 08-29-14	WELL NAME: LAUNER 5	
	DRAWING DATE: 08-09-17	SURFACE LOCATION: SE 1/4 SE 1/4 SEC. 26, T7N, R67W, 6TH P.M. WELD COUNTY, COLORADO	PREPARED FOR: 
BY: DJP	CHECKED: MMP		

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SHEET 2 OF 2

<p><b>ASCENT</b> GEOMATICS SOLUTIONS</p>	FIELD DATE 08-29-14	WELL NAME LAUNER 5	PREPARED FOR 
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