

WELL LOCATION CERTIFICATE: LAUNER 12

SECTION 26, TOWNSHIP 7 NORTH, RANGE 67 WEST, 6TH P.M.

NW COR. SEC. 26
3/4" ALUM. CAP
PLS 28258
PLS 36073

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

NE COR. SEC. 26
3/4" ALUM. CAP
PLS 36073

N 89°49'02" E 2644.44'

N 89°48'59" E 2650.98'

N 00°13'51" W 2642.38'

S 00°03'01" W 2628.57'

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

PDOP= 1.5
GPS OPERATOR: BEN HARDENBERGH

SURFACE LOCATION
GROUND ELEVATION= 4926'
NAD83
LATITUDE= 40.539688°
LONGITUDE= 104.852550°

LANDING POINT LOCATION
NAD83
LATITUDE= 40.538420°
LONGITUDE= 104.853082°

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.538565°
LONGITUDE= 104.879195°

C 1/4 COR. SEC. 26
2" ALUM. CAP
PLS 22098

26

W 1/4 COR. SEC. 26
3/4" ALUM. CAP
PLS 34995

E 1/4 COR. SEC. 26
3/4" ALUM. CAP
PLS 22098

S 1/6 COR. SEC. 26/25
3/4" ALUM. CAP
PLS 34995

BH- 254' FSL
2560' FEL

N 89°59'29" W 7257.81'

LAUNER 12

S 17°20'36" W
484.89'

LP- 191' FSL

591' FEL

S 00°23'30" E

1321.90'

S 00°23'02" E

1321.83'

SW COR. SEC. 26
3/4" ALUM. CAP
PLS 38106

S 89°43'02" W 2644.43'

S 1/4 COR. SEC. 26
3/4" ALUM. CAP
PLS 22098

S 89°43'12" W 2644.76'

SE COR. SEC. 26
3/4" ALUM. CAP
PLS 20685

WELL LAUNER 12 TO BE LOCATED 653' FSL AND 443' FEL

LEGEND

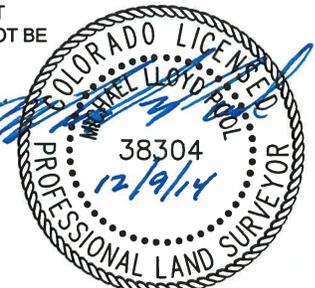
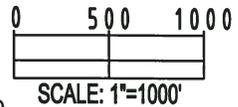
- = EXISTING MONUMENT ◆ = BOTTOM HOLE
- = CALCULATED POSITION ▲ = LANDING POINT
- = PROPOSED WELL LP = LANDING POINT
- ◆ = EXISTING WELL BH = BOTTOM HOLE

NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- 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.
- 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.

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



SHEET 1 OF 2

PREPARED BY:  Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 08-29-14	SURFACE LOCATION: SE 1/4 SE 1/4, SEC. 26, T7N, R67W, 6TH P.M.
	DRAWING DATE: 12-05-14	BY: MDCA

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 LOCATION CERTIFICATE: LAUNER 12

SECTION 27, TOWNSHIP 7 NORTH, RANGE 67 WEST, 6TH P.M.

NW COR. SEC. 27
3/4" ALUM. CAP
PLS 22098

N 1/4 COR. SEC. 27
3/4" ALUM. CAP
PLS 28283

NE COR. SEC. 27
3/4" ALUM. CAP
PLS 28258
PLS 36073

W 1/4 COR. SEC. 27
FALLS IN WATER

C 1/4 COR. SEC. 27
3/4" ALUM. CAP
PLS 33642

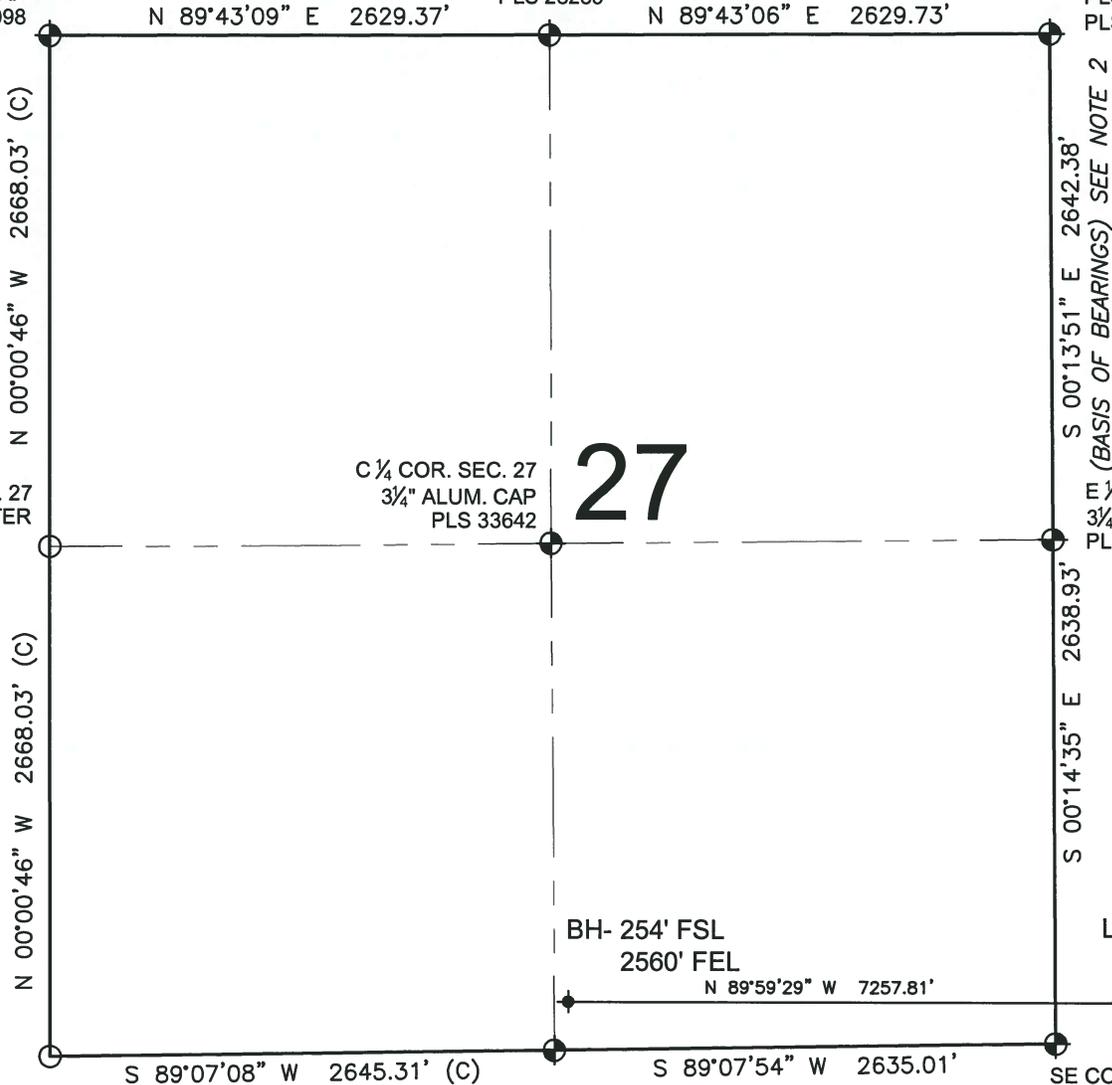
27

E 1/4 COR. SEC. 27
3/4" ALUM. CAP
PLS 34995

SW COR. SEC. 27
FALLS IN WATER

S 1/4 COR. SEC. 27
3/4" ALUM. CAP
PLS 22098

SE COR. SEC. 27
3/4" ALUM. CAP
PLS 38106

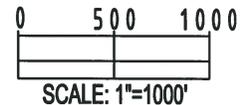
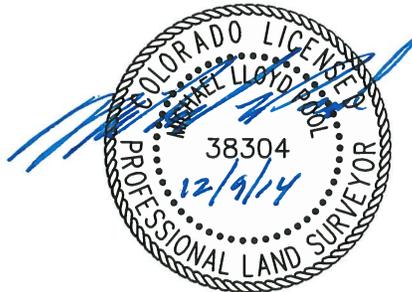


LEGEND

- ⊙ = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ◆ = BOTTOM HOLE
- ▲ = LANDING POINT
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MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

SHEET 2 OF 2

PREPARED BY: PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 08-29-14 DRAWING DATE: 12-05-14 BY: MDCA CHECKED: SJK	SURFACE LOCATION: SE 1/4 SE 1/4, SEC. 26, T7N, R67W, 6TH P.M. WELD COUNTY, COLORADO
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