

# WELL LOCATION CERTIFICATE: FRYE NORTH 11

SECTION 29, TOWNSHIP 7 NORTH, RANGE 67 WEST, 6TH P.M.

NE COR. SEC. 29  
3/4" ALUM. CAP  
PLS 22098

NW COR. SEC. 29  
2" ALUM. CAP  
PLS 25372

N 1/4 COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 24307

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

PDOP= 1.8  
GPS OPERATOR: OWEN MCKEE

**SURFACE LOCATION**  
GROUND ELEVATION= 4958'  
NAD83  
LATITUDE= 40.541438°  
LONGITUDE= 104.917747°

**LANDING POINT LOCATION**  
NAD83  
LATITUDE= 40.539670°  
LONGITUDE= 104.917547°

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 40.539474°  
LONGITUDE= 104.879732°

C 1/4 COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 24307

## 29

C-E 1/16 COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 24307

S 00°10'54" W 2658.95'  
(BASIS OF BEARINGS) SEE NOTE 2

E 1/4 COR. SEC. 29  
3/4" ALUM. CAP  
PLS 22098

W 1/4 COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 38304

N 00°04'17" E 2641.54'

N 00°03'06" E 2641.25'

N 89°50'00" W 1322.62'    N 89°50'24" W 1322.70'    N 89°50'25" W 1322.26'    N 89°50'13" W 1322.35'

SW COR. SEC. 29  
3/4" ALUM. CAP  
PLS 22098

W 1/6 COR. SEC. 29/32  
3/4" ALUM. CAP  
PLS 33642

S 1/4 COR. SEC. 29  
3/4" ALUM. CAP  
PLS 22098

E 1/6 COR. SEC. 29/32  
3/4" ALUM. CAP  
PLS 33642

SE COR. SEC. 29  
3/4" ALUM. CAP  
PLS 22098

**FRYE NORTH 11**

S 05°17'59" E  
646.50'

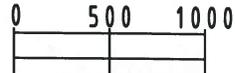
LP- 600' FSL  
2638' FWL

BH- 586' FSL  
2567' FWL

N 90°00'00" E 10510.45'

2578'

1243'



SCALE: 1"=1000'

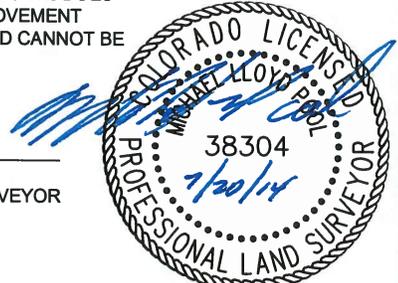


**LEGEND**

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

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



**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.

SHEET 1 OF 3

PREPARED BY: <b>PFS</b> Petroleum Field Services, LLC 7536 Hilltop Circle Denver, CO 80221	FIELD DATE: 07-14-14 DRAWING DATE: 07-16-14 BY: MDC CHECKED: WDW	SURFACE LOCATION: SE 1/4 SW 1/4, SEC. 29, T7N, R67W, 6TH P.M. WELD COUNTY, COLORADO
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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: FRYE NORTH 11

SECTION 28, TOWNSHIP 7 NORTH, RANGE 67 WEST, 6TH P.M.

NW COR. SEC. 28  
3/4" ALUM. CAP  
PLS 22098

N 89°59'36" E 2637.15'

N 89°59'36" E 2637.15'

NE COR. SEC. 28  
3/4" ALUM. CAP  
PLS 22098

(BASIS OF BEARINGS) SEE NOTE 2  
N 00°10'54" E 2658.95'

N 1/4 COR. SEC. 28  
3/4" ALUM. CAP  
PLS 22098

S 00°00'46" E 2668.03' (C)

W 1/4 COR. SEC. 28  
3/4" ALUM. CAP  
PLS 22098

C 1/4 COR. SEC. 28  
3/4" ALUM. CAP  
PLS 38304

## 28

E 1/4 COR. SEC. 28  
FALLS IN WATER

N 00°11'02" E 2658.28'

N 90°00'00" E 10510.45'

S 00°00'46" E 2668.03' (C)

LP- 600' FSL  
2638' FWL

BH- 586' FSL  
2567' FWL

SW COR. SEC. 28  
3/4" ALUM. CAP  
PLS 22098

N 89°48'08" W 2647.13'

N 89°48'09" W 2645.36' (C)

S 1/4 COR. SEC. 28  
3/4" ALUM. CAP  
PLS 22098

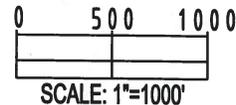
SE COR. SEC. 28  
FALLS IN WATER

### 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.



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SHEET 2 OF 3

PREPARED BY:  PFS Petroleum Field Services, LLC 7536 Hilltop Circle Denver, CO 80221	FIELD DATE: 07-14-14	SURFACE LOCATION:
	DRAWING DATE: 07-16-14	SE 1/4 SW 1/4, SEC. 29, T7N, R67W, 6TH P.M.
BY: MDC	CHECKED: WDW	WELD COUNTY, COLORADO

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: FRYE NORTH 11

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 36073

N 89°43'09" E 2629.37'

N 89°43'06" E 2629.73'

N 00°00'46" W 2668.03' (C)

N 90°00'00" E 10510.45'

S 00°13'51" E 2642.38'

# 27

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

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

LP- 600' FSL  
2638' FWL

BH- 586' FSL  
2567' FWL

S 89°07'08" W 2645.31' (C)

S 89°07'54" W 2635.01'

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

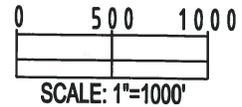
- ⊕ = EXISTING MONUMENT
- ⬤ = CALCULATED POSITION
- ⬤ = PROPOSED WELL
- ⬤ = EXISTING WELL
- ⬤ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BH = BOTTOM HOLE

### NOTES:

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- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.



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COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 3 OF 3

PREPARED BY:  PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 07-14-14	SURFACE LOCATION: SE 1/4 SW 1/4, SEC. 29, T7N, R67W, 6TH P.M. WELD COUNTY, COLORADO
	DRAWING DATE: 07-16-14	
BY: MDC	CHECKED: WDW	

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