

# WELL LOCATION CERTIFICATE: JOHNSON TRUST 8

SECTION 13, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.

NW COR. SEC. 13  
3/4" ALUM. CAP  
PLS 33642

S 89°31'38" E 2698.65'

S 89°31'28" E 2661.94'

NE COR. SEC. 13  
2 1/2" ALUM. CAP  
PLS 24305

N 1/4 COR. SEC. 13  
3/4" ALUM. CAP  
PLS 34990

SURFACE LOCATION  
GROUND ELEVATION= 4923'  
NAD83  
LATITUDE= 40.137108°  
LONGITUDE= 104.959620°

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

LANDING POINT LOCATION  
NAD83  
LATITUDE= 40.137426°  
LONGITUDE= 104.958846°

PDOP= 1.6  
GPS OPERATOR: ALAN HNIZDO

BOTTOM HOLE LOCATION  
NAD83  
LATITUDE= 40.125334°  
LONGITUDE= 104.958802°

N 00°30'13" W 2649.82'

S 00°06'42" E 2615.89'

W 1/4 COR. SEC. 13  
2 1/2" ALUM. CAP  
PLS 13482

E 1/4 COR. SEC. 13  
2 1/2" ALUM. CAP  
PLS 31169

**JOHNSON TRUST 8**

13

N 00°28'15" W 2648.47'

S 00°06'35" E 2616.01'

N 61°32'43" E 245.55'

LP 2185' FSL  
605' FWL

2069'  
S 00°30'33" E 4404.71'

BH-2220' FNL  
605' FWL

S 1/4 COR. SEC. 13  
3/4" ALUM. CAP  
PLS 14030

SE COR. SEC. 13  
2 1/2" ALUM. CAP  
PLS 24305

S 89°46'26" W 2661.92'  
(BASIS OF BEARINGS) SEE NOTE 2

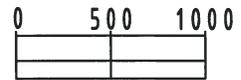
WELL JOHNSON TRUST 8 TO BE LOCATED 2069' FSL AND 388' FWL

**LEGEND**

- ⊙ = EXISTING MONUMENT    ▲ = LANDING POINT
- = PROPOSED WELL        LP = LANDING POINT
- ◆ = EXISTING WELL        BH = BOTTOM HOLE
- ⊕ = 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.

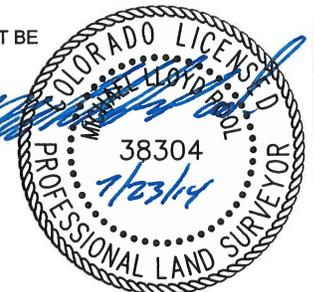
I, MICHAEL L. POOL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **EXTRACTION OIL & GAS**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED 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.



SCALE: 1"=1000'



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



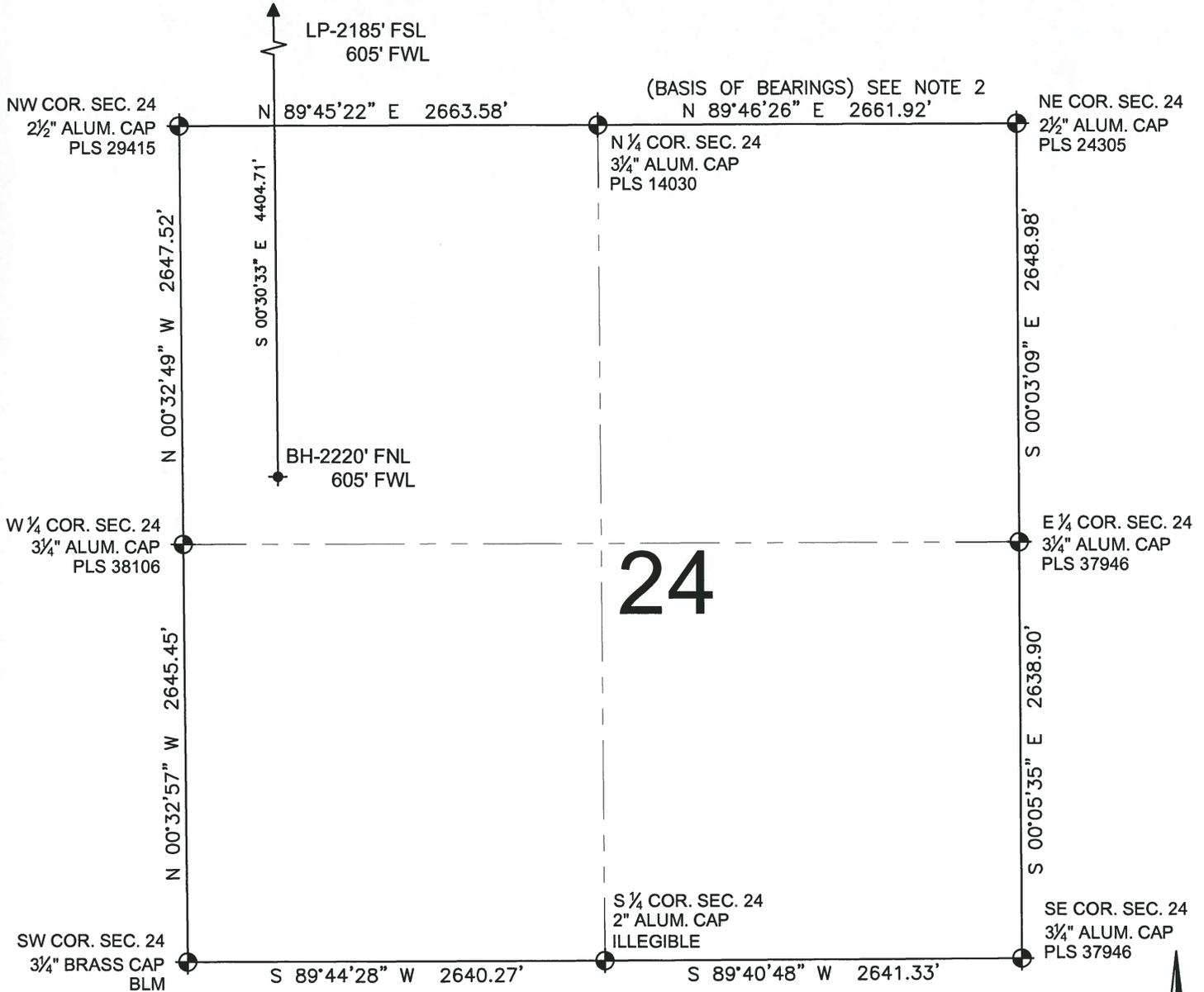
SHEET 1 OF 2

PREPARED BY: <b>PFS</b> Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 07-12-14	SURFACE LOCATION: NW 1/4 SW 1/4, SEC. 13, T2N, R68W, 6TH P.M.
	DRAWING DATE: 07-23-14	
BY: MDC	CHECKED: WDW	WELD COUNTY, COLORADO

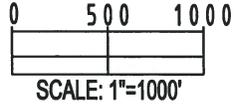
NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

# WELL LOCATION CERTIFICATE: JOHNSON TRUST 8

SECTION 24, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.



24



**LEGEND**

- ⊕ = EXISTING MONUMENT
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ⚡ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BH = BOTTOM HOLE

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



MICHAEL L. POOL, PLS 38304  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 SHEET 2 OF 2 FOR AND ON BEHALF OF P.F.S., LLC

PREPARED BY: Petroleum Field Services, LLC 7636 Hilltop Circle Denver, CO 80221	FIELD DATE: 07-12-14	SURFACE LOCATION: NW 1/4 SW 1/4, SEC. 13, T2N, R68W, 6TH P.M.
	DRAWING DATE: 07-23-14	BY: MDC

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.