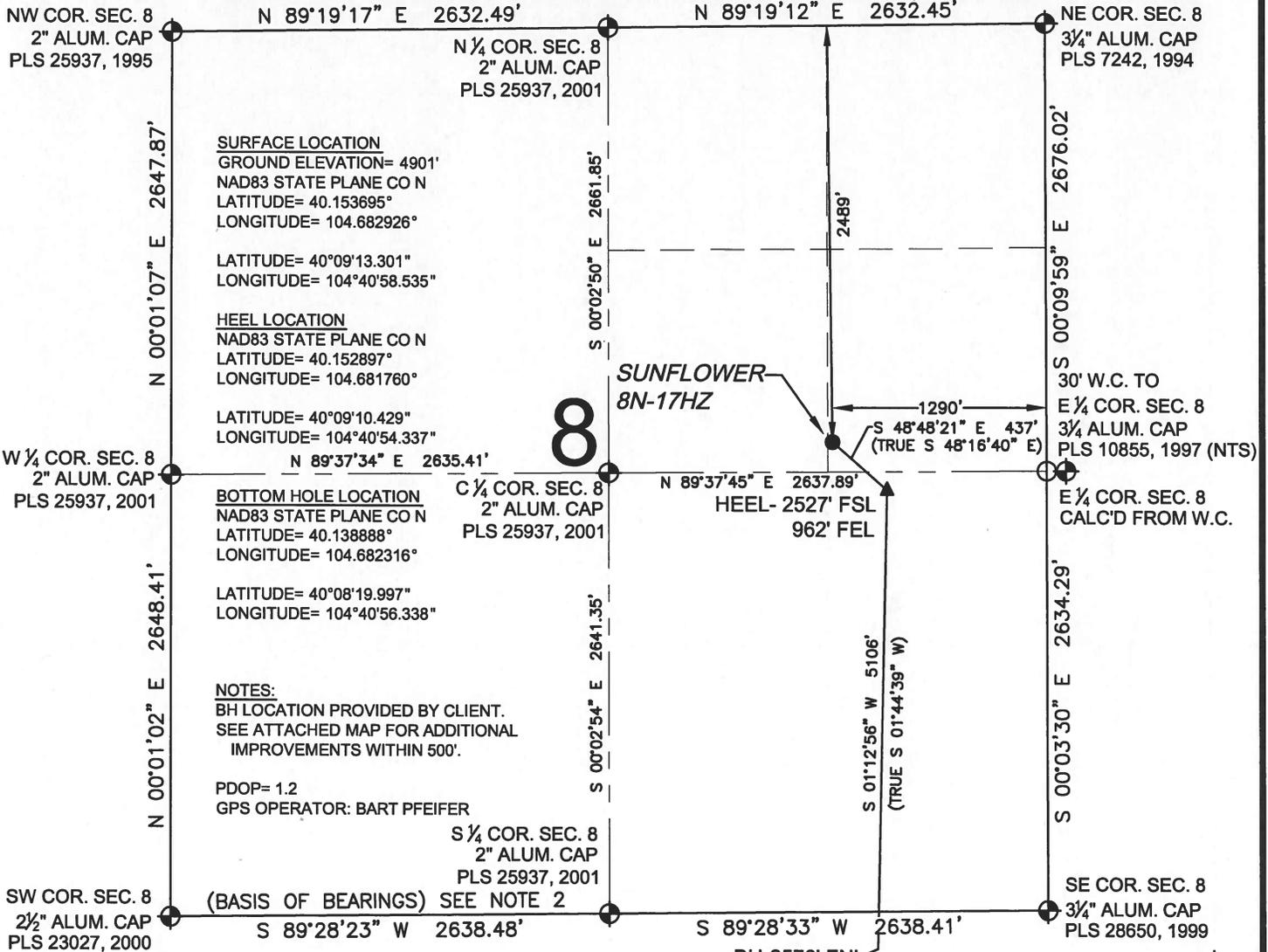


# WELL LOCATION CERTIFICATE: SUNFLOWER 8N-17HZ

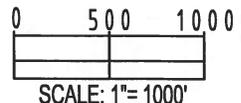
SECTION 8, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



WELL SUNFLOWER 8N-17HZ TO BE LOCATED 2489' FNL AND 1290' FEL

**LEGEND**

- ⊕ = EXISTING MONUMENT
- = PROPOSED WELL
- BH = BOTTOM HOLE
- ◆ = BOTTOM HOLE
- ▲ = HEEL LOCATION
- = CALCULATED POSITION



**NOTES:**

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 8, BEARS S89°28'23"W BETWEEN THE MONUMENTS DESCRIBED HEREON.
- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000272228.
- ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.
- FIELD VERIFICATION OF MONUMENTS COMPLETED ON AUGUST 21, 2014. WELL STAKING COMPLETED ON NOVEMBER 7, 2014.

I, JACOB S. FRISCH, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **KERR-MCGEE OIL & GAS ONSHORE LP**, 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.

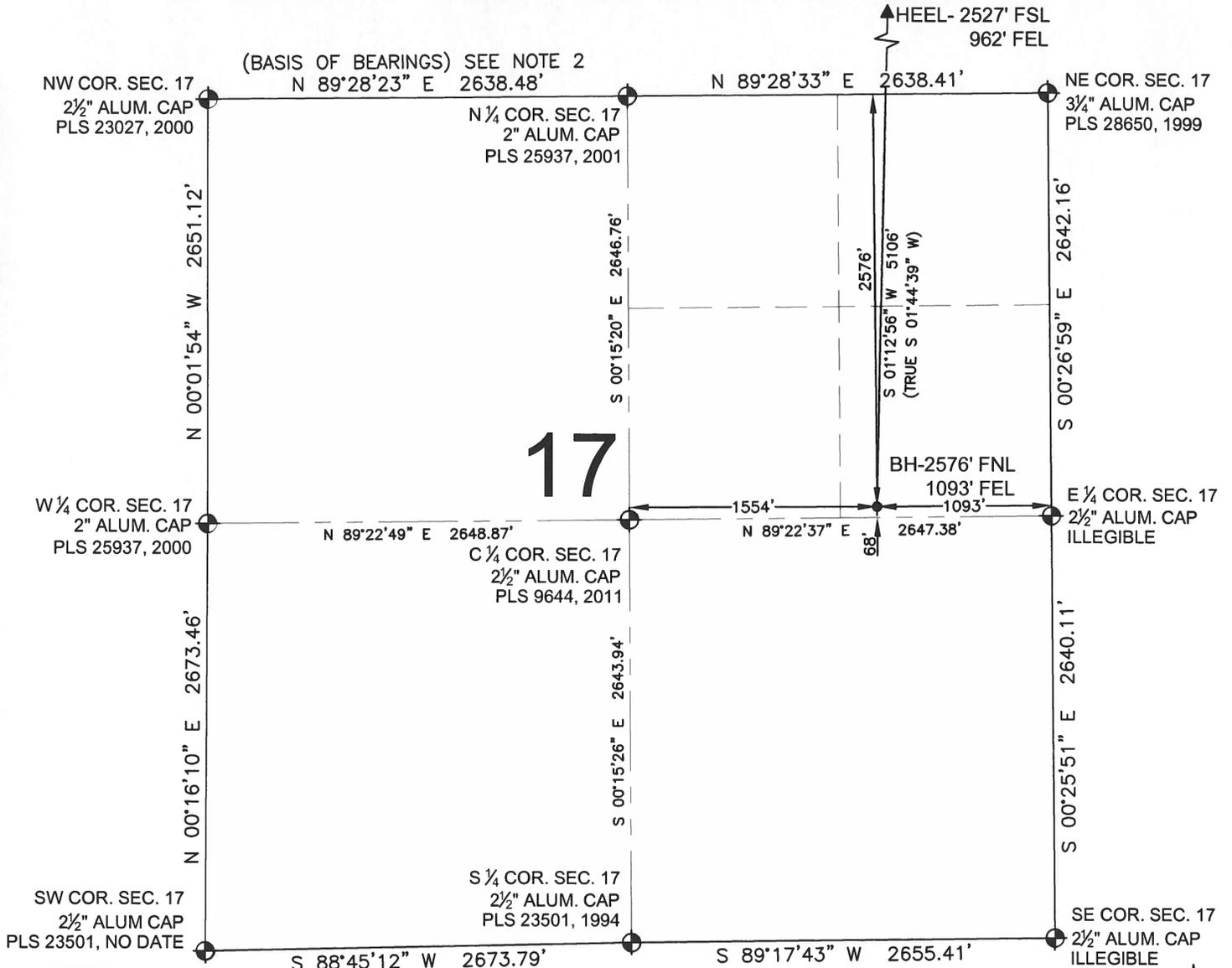
JACOB S. FRISCH, PLS 38149  
 DATE: 04-22-15  
 JOB NO: B14.APC.0548  
 FOR AND ON BEHALF OF PFS, LLC

PREPARED BY: <b>PFS</b> Petroleum Field Services, LLC 7536 Hilltop Circle Denver, CO 80221	FIELD DATE: 11-07-14 DRAWING DATE: 04-21-14 BY: SMF CHECKED: TJN	SURFACE LOCATION: SE 1/4 NE 1/4, SEC. 8, T2N, R65W, 6TH P.M. 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: SUNFLOWER 8N-17HZ

SECTION 17, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



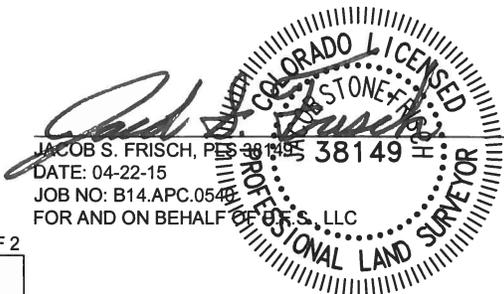
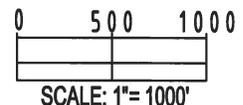
## LEGEND

- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- BH = BOTTOM HOLE
- ⬆ = BOTTOM HOLE
- ▲ = HEEL LOCATION
- = CALCULATED POSITION

## NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 8, BEARS S89°28'23"W BETWEEN THE MONUMENTS DESCRIBED HEREON.
- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000272228.
- ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.
- FIELD VERIFICATION OF MONUMENTS COMPLETED ON AUGUST 21, 2014. WELL STAKING COMPLETED ON NOVEMBER 7, 2014.

SHEET 2 OF 2



PREPARED BY: <b>PFS</b> Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 11-07-14	SURFACE LOCATION: SE 1/4 NE 1/4, SEC. 8, T2N, R65W, 6TH P.M.
BY: SMF	DRAWING DATE: 04-21-15	WELD COUNTY, COLORADO
CHECKED: TJN		

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.