

# WELL LOCATION CERTIFICATE: POWERS 2N-34HZ

SECTION 27, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.

NW COR. SEC. 27  
3/4" BRASS CAP  
PLS 26595

N 88°46'58" E 2643.74'

N 89°19'31" E 2605.09'

30' W.C. TO  
SW COR. SEC. 23  
2 1/2" ALUM. CAP  
PLS 38175 (NTS)

N 1/4 COR. SEC. 27  
3/4" BRASS CAP  
PLS 26595

**SURFACE LOCATION**  
GROUND ELEVATION= 4926'  
NAD83  
LATITUDE= 40.115847°  
LONGITUDE= 104.645461°

LATITUDE= 40°06'57.049"  
LONGITUDE= 104°38'43.660"

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 40.101177°  
LONGITUDE= 104.647229°

LATITUDE= 40°06'04.237"  
LONGITUDE= 104°38'50.024"

# 27

HEEL:  
480' FNL  
1887' FEL

POWERS  
2N-34HZ

SW COR. SEC. 23  
CALC'D FROM W.C.

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

N 89°25'10" E 2633.39'

N 89°25'10" E 2614.08'

E 1/4 COR. SEC. 27  
3/4" BRASS CAP  
PLS 26959

C 1/4 COR. SEC. 27  
2 1/2" ALUM. CAP  
PLS 38345

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'.

PDOP= 1.8  
GPS OPERATOR: BART PFEIFER

N 01°15'30" W 2628.10'  
N 01°15'36" W 2628.00'

S 01°01'53" E 2657.37'  
S 01°01'53" E 2644.89'

S 01°13'27" E 2661.74'  
S 01°13'36" E 2661.89'

SW COR. SEC. 27  
2" ALUM. CAP  
PLS 9329

S 89°47'26" W 2623.09'  
(BASIS OF BEARINGS) SEE NOTE 2

S 89°47'21" W 2623.34'

SE COR. SEC. 27  
2 1/2" ALUM. CAP  
PLS 38345

S 1/4 COR. SEC. 27  
2" ALUM. CAP  
PLS 9329

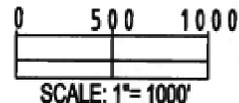
S 04°44'05" W 5367'  
(TRUE S 05°17'13" W)

BH-400' FNL  
1886' FEL

## LEGEND

## WELL POWERS 2N-34HZ TO BE LOCATED 365' FNL AND 1330' FEL

- = EXISTING MONUMENT
- ◆ = BOTTOM HOLE
- ..... PROPOSED WELL BORE
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ▲ PROPOSED HEEL
- BH = BOTTOM HOLE
- = 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 27, BEARS S89°47'26"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 MARCH 5, 2015. WELL STAKING COMPLETED ON OCTOBER 14, 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.



Modified 5/4/2015  
Anadarko Regulatory GIS  
KMJ  
(PAGE 1 OF 3)

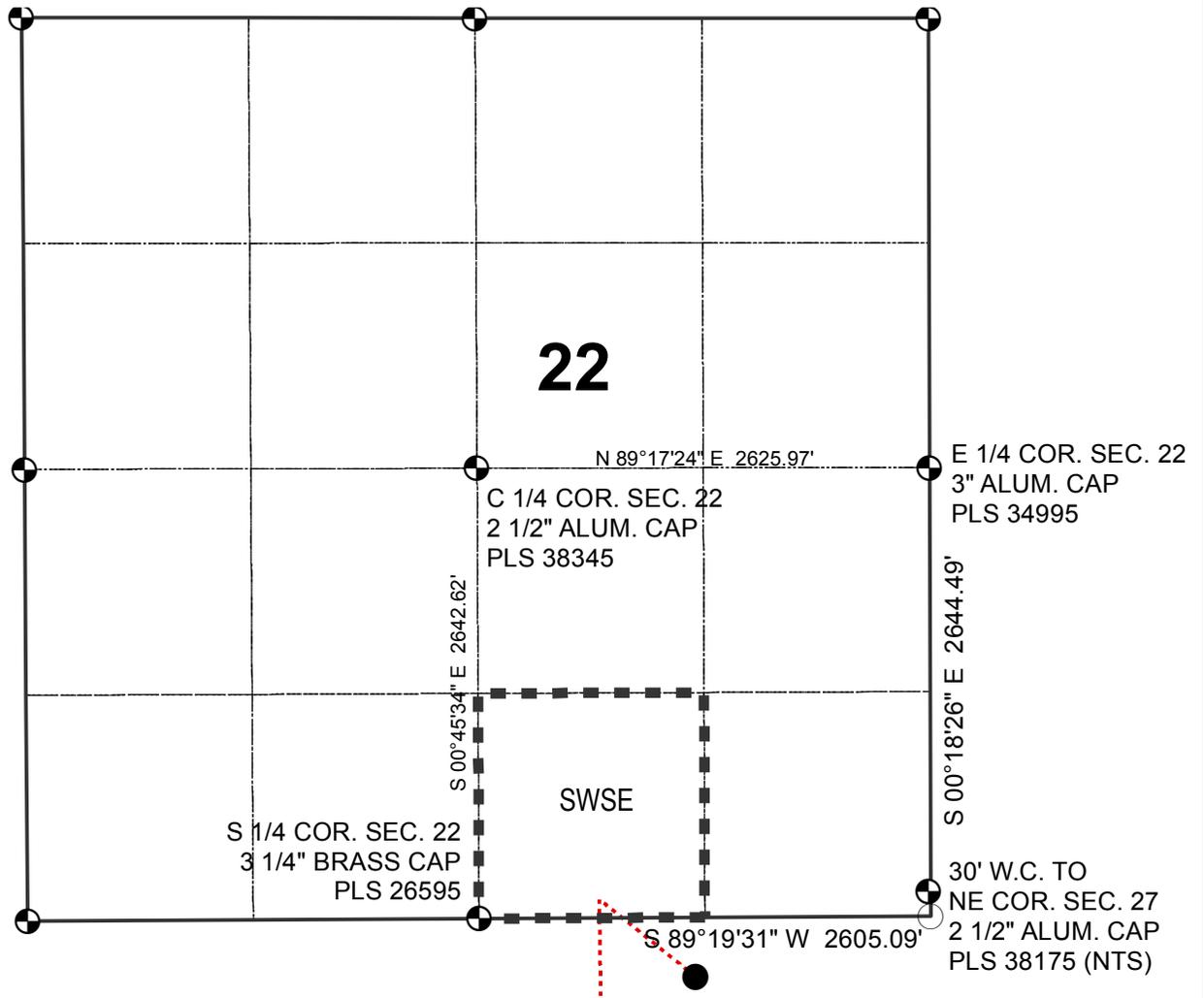
PREPARED BY: <b>PFS</b> Professional Field Services, LLC 7536 Village Circle Dunwoody, CO 80221	FIELD DATE: 10-14-14 DRAWING DATE: 03-07-15 BY: SMF	CHECKED: TJN	SURFACE LOCATION: NW 1/4 NE 1/4, SEC. 27, T2N, R65W, 6TH P.M. WELD COUNTY, COLORADO
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NOTICE: 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.



# PLAT ADDENDUM: POWERS 2N-34HZ

SECTION 22, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



## LEGEND

- CALCULATED POSITION
- PROPOSED WELL
- ⊕ EXISTING MONUMENT
- ⋯ BACK BUILD

0 500 1,000  
Feet



Modified 5/13/2015  
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(PAGE 3 OF 3)