

(BASIS OF BEARINGS) SEE NOTE 2  
N 89°38'04" E 2695.21'

NW COR. SEC. 15  
2½ ALUM. CAP  
PLS 22057

N 89°43'39" E 2697.93'

NE COR. SEC. 15  
3 1/4" ALUM. CAP  
PLS 8953

N 1/4 COR. SEC. 15  
3 1/4" ALUM. CAP  
PLS 22098

**SURFACE LOCATION**  
GROUND ELEVATION= 5128'  
NAD83  
LATITUDE= 40.057365°  
LONGITUDE= 104.993989°

LATITUDE= 40°03'26.513"  
LONGITUDE= 104°59'38.362"

BOTTOM HOLE LOCATION  
NAD83

LATITUDE= 40.045189°  
LONGITUDE= 104.990294°

LATITUDE= 40°02'42.680"  
LONGITUDE= 104°59'25.058"

W ¼ COR. SEC. 15  
2" ALUM. CAP  
PLS 14083

N 89°37'21" E 2687.11'

N 89°36'07" E 2687.51'

E ¼ COR. SEC. 15  
+ ¾" ALUM. CAP  
PLS 8953

C 1/4 COR. SEC. 15  
2 1/2" ALUM. CAP  
PLS 28285

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 400'.

PDOP= 1.6  
GPS OPERATOR: OWEN MCKEE

SW COR. SEC. 15  
2" ALUM. CAP  
PLS 14087

S 89°33'51" W 2680.97'

92'  
COR. SEC. 15  
ALUM. CAP  
8953

SE COR. SEC. 15  
CALCULATED  
3 1/4" ALUM. CAP  
170' W.C.  
PLS 8953

WELL **BUFFALO 36C-15HZ** TO BE LOCATED 383' FNL AND 1463' FWL

### LEGEND

-  = EXISTING MONUMENT    
  = BOTTOM HOLE    
 BH = BOTTOM HOLE  
 = PROPOSED WELL    
 = EXISTING WELL    
 = CALCULATED POSITION

NOTES:

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. 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.
3. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.
4. ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.

I, DANIEL JOHN CORRIELL, 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.

DANIEL JOHN CORRIELL, PLS 38065  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC

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 SIGNED DATE OF THIS CERTIFICATION SHOWN HEREON.

PREPARED BY: \_\_\_\_\_



FIELD DATE:

05-22-14

**DRAWING DATE:**

DRAWING DATE  
07-16-14

BY: _____		CHECK NO. _____
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BY:	CHC
IAH	SM

**SURFACE LOCATION:**

NE 1/4 NW 1/4,

SEC.15, T1N, R68W, 6TH P.M.

SEC. 13, T 1 N, R 68 W, 6TH F.M.  
WELD COUNTY, COLORADO