

# WELL LOCATION CERTIFICATE: MATRIX Q-29HN

SECTION 29, TOWNSHIP 6 NORTH, RANGE 65 WEST, 6TH P.M.

2" ALUM CAP  
180' WC  
PLS 28259  
NW COR. SEC. 29  
(CALC)

N ¼ COR. SEC. 29  
2½" ALUM. CAP  
PLS 23501

NE COR. SEC. 29  
2½" ALUM. CAP  
PLS 23501

**NOTES:**

BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-INDUSTRIAL  
EXISTING WELL MATRIX 24-29-17 IS 125' SW  
AT 491' FSL & 2168' FWL  
EXISTING WELL MATRIX 23-29 IS 150' SW  
AT 476' FSL & 2147' FWL  
EXISTING WELL MATRIX 24-29 IS 175' SW  
AT 462' FSL & 2126' FWL  
EXISTING WELL MATRIX 14-29 IS 206' SW  
AT 489' FSL & 2078' FWL  
EXISTING WELL MATRIX 13-29 IS 234' SW  
AT 490' FSL & 2049' FWL  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'.

PDOP= 1.7  
GPS OPERATOR: ALAN HNIZDO

# 29

W ¼ COR. SEC. 29  
¾" ALUM. CAP  
PLS 12374

C ¼ COR. SEC. 29  
¾" ALUM. CAP  
PLS 22098

**SURFACE LOCATION**  
GROUND ELEVATION= 4708'  
NAD83  
LATITUDE= 40.452983°  
LONGITUDE= 104.688540°

**LANDING POINT LOCATION**  
NAD83  
LATITUDE= 40.452082°  
LONGITUDE= 104.680819°

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 40.464148°  
LONGITUDE= 104.680881°

**MATRIX Q-29HN**

SW COR. SEC. 29  
¾" ALUM. CAP  
PLS 22098

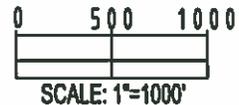
EX. MATRIX 13-29  
EX. MATRIX 14-29  
EX. MATRIX 24-29  
EX. MATRIX 23-29  
EX. MATRIX 24-29-17

S ¼ COR. SEC. 29  
¾" ALUM. CAP  
PLS 25953

LP- 470' FSL  
806' FEL

SE COR. SEC. 29  
¾" ALUM. CAP  
NO LS #

WELL MATRIX Q-29HN TO BE LOCATED 563' FSL AND 2276' FWL



**LEGEND**

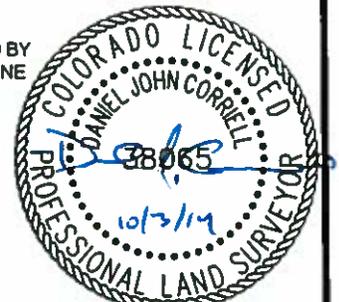
- ⊕ = EXISTING MONUMENT
- ⊙ = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ▲ = LANDING POINT
- LP = LANDING POINT
- BH = BOTTOM HOLE

**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.

I, DANIEL J. CORRIELL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **BAYSWATER EXPLORATION & PRODUCTION, LLC**, 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 J. CORRIELL, PLS 38065  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY: <b>PFS</b> Professional Field Services, LLC 1334 Hilltop Circle Durango, CO 81321	FIELD DATE: 07-10-14	SURFACE LOCATION: SE 1/4 SW 1/4, SEC. 29, T6N, R65W, 6TH P.M.
	DRAWING DATE: 10-02-14	WELD COUNTY, COLORADO
	BY: WDW	CHECKED: KAD

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.