

WELL LOCATION CERTIFICATE: WATKINS 30-5-8H

SECTION 30, TOWNSHIP 4 SOUTH, RANGE 64 WEST, 6TH P.M.

S 89°32'28" E 5445.41'

NW SEC. 30
3/4" ALUM. CAP
ILLEGIBLE

NE SEC. 30
FOUND
2" IRON PIPE

N 00°11'20" W 2640.33'

2280'

WATKINS 30-5-8H

N 85°38'35" E 4645.36'
(TRUE N 86°12'29" E)

BH-1890' FNL
460' FEL

350'

30

W 1/4 SEC. 30
3/4" ALUM. CAP
PLS 7361

(BASIS OF BEARINGS) SEE NOTE 3
N 00°11'22" W 2640.36'

NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-RANGELAND
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 400'.

PDOP= 3.1
GPS OPERATOR: CHRIS BOUB

SURFACE LOCATION
GROUND ELEVATION= 5772'
NAD83
LATITUDE= 39.675468°
LONGITUDE= 104.602253°

LATITUDE= 39°40'31.686"
LONGITUDE= 104°36'08.112"

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 39.676310°
LONGITUDE= 104.585786°

LATITUDE= 39°40'34.717"
LONGITUDE= 104°35'08.830"

SW SEC. 30
2 1/2" ALUM. CAP
ILLEGIBLE

N 89°36'12" W 5439.75'

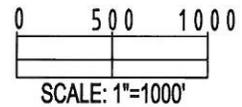
S 00°07'43" E 5274.72'

SE SEC. 30
CALCULATED
FROM PLAT

WELL WATKINS 30-5-8H TO BE LOCATED 2280' FNL AND 350' FWL

LEGEND

- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- ⬥ = BOTTOM HOLE
- ◆ = EXISTING WELL
- BH = BOTTOM HOLE



NOTES:

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. HORIZONTAL POSITIONS AND ORTHOMETRIC ELEVATIONS SHOWN AT THE WELL HEAD, ARE BASED ON GPS-RTK POSITIONS DERIVED FROM MINIMUM 2-HOUR STATIC OBSERVATIONS CORRECTED BY THE NATIONAL GEODETIC SURVEY ONLINE POSITIONING USER SERVICE, O.P.U.S. DATUM: HORIZONTAL = NAD83/2007, VERTICAL = NAVD88
3. THE BASIS OF BEARINGS ARE STATE PLANE COORDINATE SYSTEM GRID BEARINGS SHOWN HEREON BETWEEN THE DESCRIBED THE MONUMENTS SHOWN HEREON.
4. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

I, L. KELLEY STEVENSON, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO ANADARKO E&P CO 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.

L. KELLEY STEVENSON, PLS 38231
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY:  Petroleum Field Services, LLC 1801 W. 138th Ave. Denver, CO 80204	FIELD DATE: 02-08-12	SURFACE LOCATION: SW 1/4 NW 1/4, SEC. 30, T4S, R64W, 6TH P.M.
	DRAWING DATE: 02-23-12	BY: JAM

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.