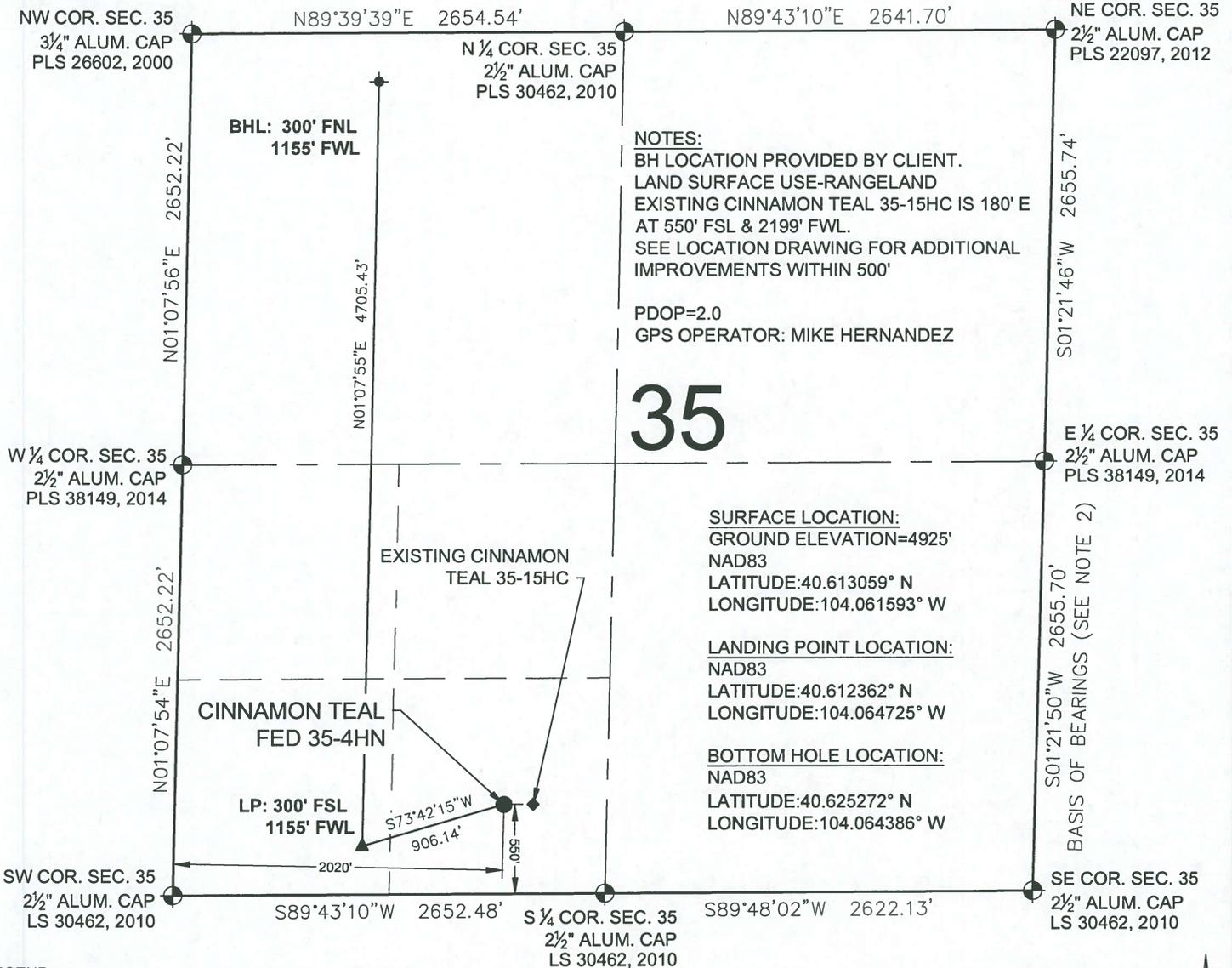


CINNAMON TEAL FED 35-4HN WELL LOCATION CERTIFICATE



NOTES:
 BH LOCATION PROVIDED BY CLIENT.
 LAND SURFACE USE-RANGELAND
 EXISTING CINNAMON TEAL 35-15HC IS 180' E
 AT 550' FSL & 2199' FWL.
 SEE LOCATION DRAWING FOR ADDITIONAL
 IMPROVEMENTS WITHIN 500'

PDOP=2.0
 GPS OPERATOR: MIKE HERNANDEZ

35

SURFACE LOCATION:
 GROUND ELEVATION=4925'
 NAD83
 LATITUDE:40.613059° N
 LONGITUDE:104.061593° W

LANDING POINT LOCATION:
 NAD83
 LATITUDE:40.612362° N
 LONGITUDE:104.064725° W

BOTTOM HOLE LOCATION:
 NAD83
 LATITUDE:40.625272° N
 LONGITUDE:104.064386° W

BASIS OF BEARINGS (SEE NOTE 2)

LEGEND

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

WELL CINNAMON TEAL FED 35-4HN TO BE LOCATED 550' FSL & 2020' FWL



- 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 EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 35, BEARS S01°21'50"W BETWEEN THE MONUMENTS SHOWN HEREON.
 - ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40.655085°N, A CENTRAL MERIDIAN LONGITUDE OF 104.086861°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000232 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
 - FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

I, ROBERT J. GUFFEY, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY STATE THAT THIS WELL LOCATION CERTIFICATE WAS MADE FROM AN ACTUAL FIELD SURVEY PERFORMED UNDER MY RESPONSIBLE CHARGE ON THE DATE SHOWN HEREON AND CORRECTLY SHOWS THE LOCATION OF THE WELL SHOWN HEREON, AS STAKED ON THE GROUND, AND THE LOCATION OF THE LINES OF THE PUBLIC LAND SURVEY SYSTEM TO MY KNOWLEDGE, INFORMATION, AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND IS IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF PRACTICE FOR PROFESSIONAL LAND SURVEYING. THIS CERTIFICATE IS NOT A GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED.

ROBERT J. GUFFEY, PLS 20680
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC
 d.b.a. ASCENT GEOMATICS SOLUTIONS



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.

 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: 12-20-17	WELL NAME: CINNAMON TEAL FED 35-4HN	PREPARED FOR: MALLARD EXPLORATION
	DRAWING DATE: 11-12-18	SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 35, T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO	
BY: DNS	CHECKED: JAG		