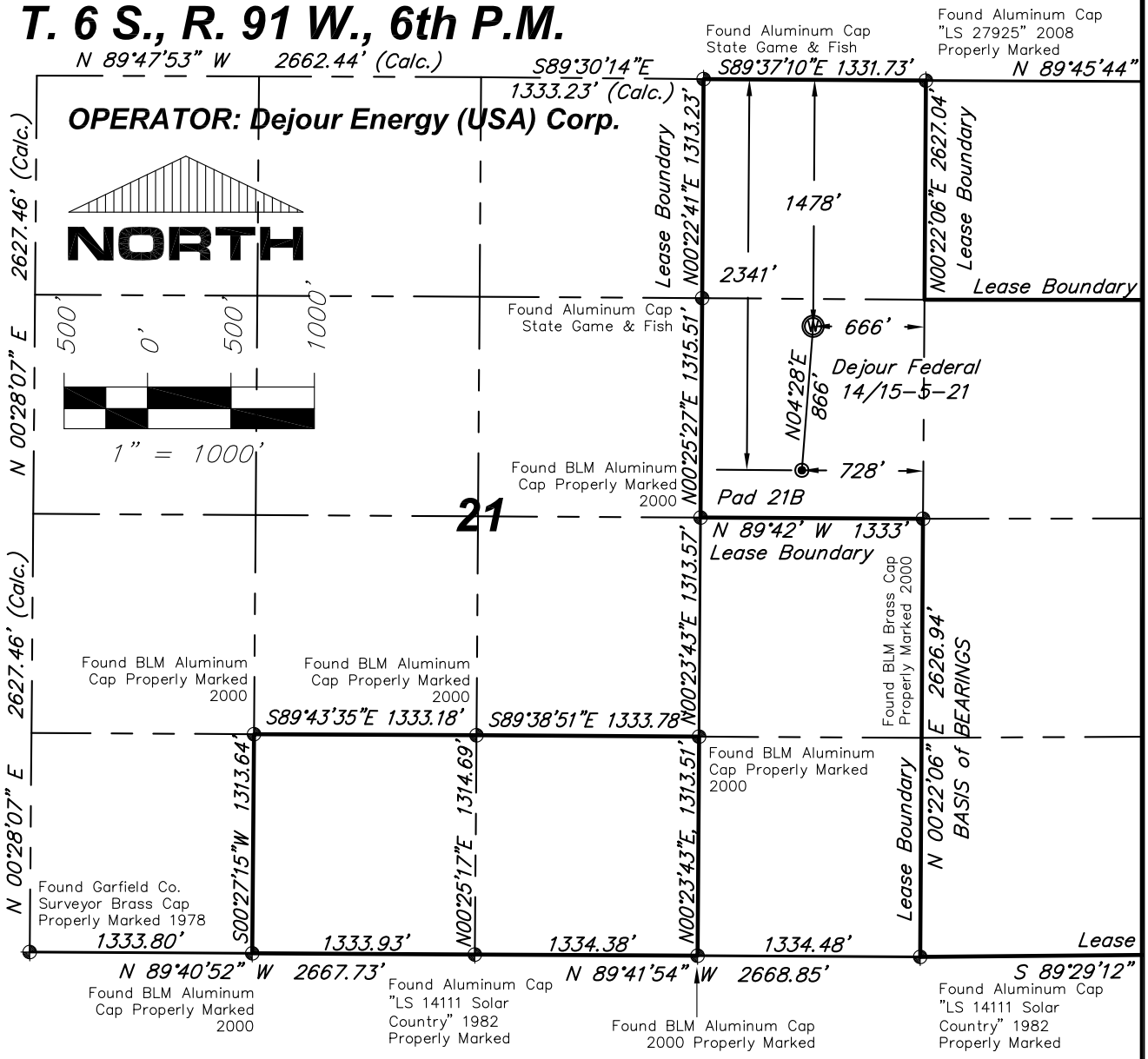
T. 6 S., R. 91 W., 6th P.M.



NOTES:

1: GEODETIC POSITIONS ARE SHOWN IN DECIMAL DEGREES BASED ON NAD83.
2: UNITS OF MEASUREMENT: U.S. SURVEY FOOT
3: EXISTING GROUND ELEVATION: 6932.6'. PROPOSED PAD ELEVATION: 6932.37'. ELEVATIONS HAVE BEEN DERIVED USING GPS OBSERVATIONS, GEOID 09, NAVD 88.
4: ALL SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED AT 90° ANGLES FROM SECTION LINES.
5: BASIS OF BEARINGS: N 00°22'06" E BETWEEN FOUND MONUMENT AS SHOWN HEREON.
6: SEE SHEET 1E FOR EXISTING IMPROVEMENTS LOCATED IN THE VICINITY OF PROPOSED WELL.
7: SURFACE USE: WILDLIFE AREA
8: USGS QUAD MAP: NEW CASTLE
9: GPS OPERATOR: KYLE TESKY OBSERVED AN AVERAGE PDOP OF ≤ 3.0 FOR ALL SURVEY MEASUREMENTS DEPICTED ON THIS AN SUBSEQUENT SHEETS. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE NO. 215

FEDERAL 14/15-5-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514415°N	FEL = 728'
LONGITUDE = 107.552451°W	FNL = 2341'
BOTTOM HOLE LOCATION	
LATITUDE = 39.516788°N	FEL = 666'
LONGITUDE = 107.552281°W	FNL = 1478'

LEGEND:

- ⊕ – FOUND MONUMENT AS DESCRIBED HEREON
- ◉ – SURFACE HOLE LOCATION (SHL)
- Ⓦ – BOTTOM HOLE LOCATION (BHL)

SURVEYORS STATEMENT:

I, ELWOOD BARRY GILES, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HERBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION BETWEEN APRIL, 2010 & JANUARY, 2011, AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REFERENCE POINT WAS STAKED IN THE FIELD AS SHOWN HEREON APRIL 21, 2010.

COLORADO LICENSED ELWOOD BARRY GILES 38150 REGISTERED PROFESSIONAL LAND SURVEYOR

Elwood Barry Giles — Aug. 9, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

Rev. 8/9/11: Update Cert.

SGM INC.
118 W. 6th Street, Suite 200
Glenwood Springs, Co. 81601
(970)945-1004 www.SGM-Inc.com
320 Third St. Meeker, Co. 81641

1" = 1000' | Sheet 1F of 9 | Federal 14/15-5-21

Well Location Plat – Federal 14/15-5-21
SE¼NE¼, Section 21, T.6S., R.91W., 6TH P.M.

Job# 2010-112.001 | Date: 6/15/2011 | By: BG | File: APD_Pad21B