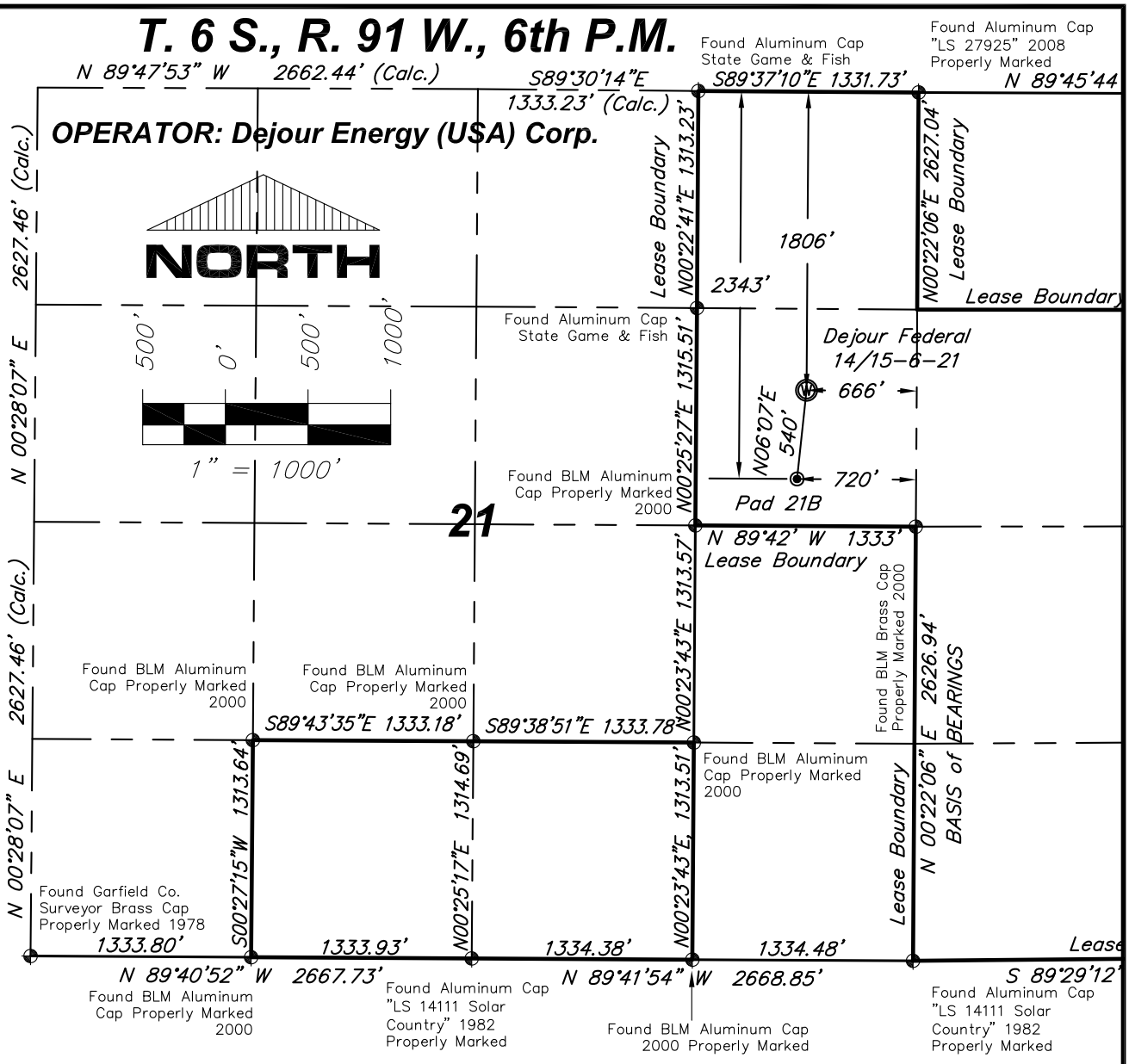
T. 6 S., R. 91 W., 6th P.M.



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 14/15-6-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514410°N	FEL = 720'
LONGITUDE = 107.552424°W	FNL = 2343'
BOTTOM HOLE LOCATION	
LATITUDE = 39.515886°N	FEL = 666'
LONGITUDE = 107.552263°W	FNL = 1806'

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 HEREBY 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.

Elwood Barry Giles — Aug. 9, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

COLORADO LICENSED — ELWOOD BARRY GILES — 38150 — PROFESSIONAL LAND SURVEYOR

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 1D of 9
Federal 14/15-6-21

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

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