U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1–9.

OMB No. 1660-0008
Expiration Date: July 31, 2015

SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

A1. Building Owner's Name Harley Bean

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
411 East Cedar

City Bloomfield State NM ZIP Code 87413

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) residential

A5. Latitude/Longitude: Lat. 36 42 28.43465N Long. 107 58 26.54129W Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 5

A8. For a building with a crawlspace or enclosure(s):
- a) Square footage of crawlspace or enclosure(s) n/a sq ft
- b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____
- c) Total net area of flood openings in A8.b _____ sq in
- d) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage:
- a) Square footage of attached garage n/a sq ft
- b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
- c) Total net area of flood openings in A9.b _____ sq in
- d) Engineered flood openings? ☐ Yes ☐ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
City of Bloomfield, 350066	San Juan	New Mexico

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
1055	F	8/11	8/11	AE	5444.47

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ FIS Profile ☐ FIRM ☐ Community Determined ☐ Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: _____ ☐ CBRS ☐ OPA

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: OPUS Vertical Datum: NAVD1988

Indicate elevation datum used for the elevations in items a) through h) below. ☐ NGVD 1929 ☐ NAVD 1988 ☒ Other/Source: _____
Datum used for building elevations must be the same as that used for the BFE.

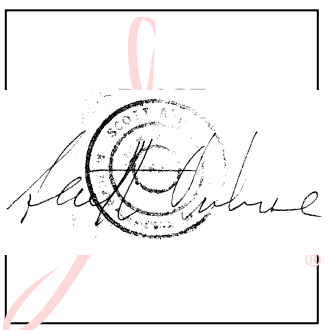
		Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	5445.95	☒ feet	☐ meters
b) Top of the next higher floor	n/a	☐ feet	☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	n/a	☐ feet	☐ meters
d) Attached garage (top of slab)	n/a	☐ feet	☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	roof	☐ feet	☐ meters
f) Lowest adjacent (finished) grade next to building (LAG)	5442.75	☒ feet	☐ meters
g) Highest adjacent (finished) grade next to building (HAG)	5443.85	☒ feet	☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	n/a	☐ feet	☐ meters

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

☐ Check here if comments are provided on back of form.
☒ Check here if attachments.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No



Certifier's Name Scott Andrae License Number NM9625

Title Sole Proprietor Company Name Intermountain Mapping Services. LLC

Address 1875 Highway 170 City La Plata State NM ZIP Code 87418

Signature Digitally signed by Scott Andrae Date: 2013.03.07 12:53:48 -07'00' Date Telephone 505-325-5244

IMPORTANT: In these spaces, copy the corresponding information from Section A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 411 East Cedar	Policy Number:
City Bloomfield State NM ZIP Code 87413	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments

Signature Date

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____.____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____.____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____.____ ☐ feet ☐ meters Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments.

Building Photographs

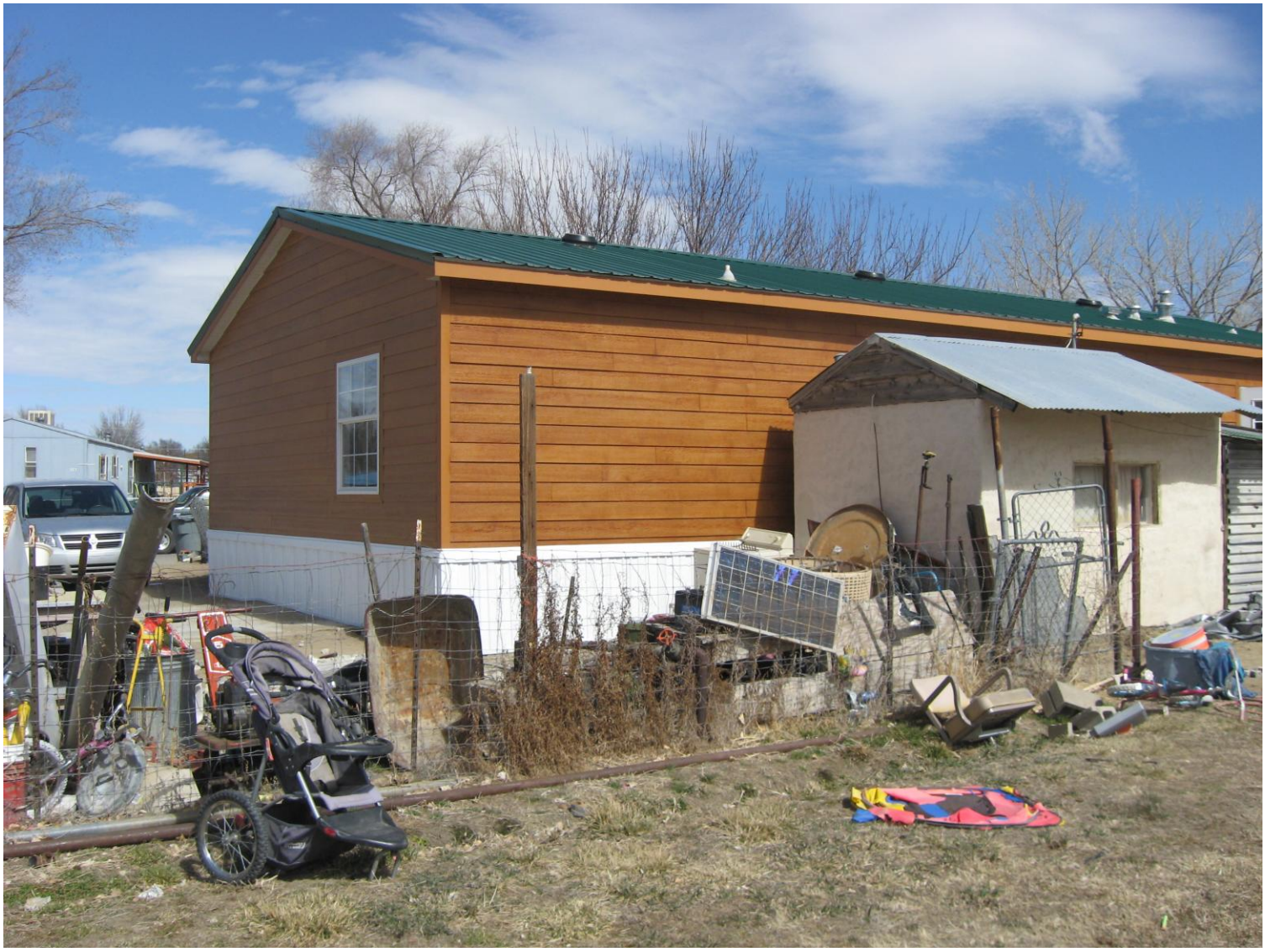
See Instructions for Item A6.

IMPORTANT: In these spaces, copy the corresponding information from Section A.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 411 East Cedar	FOR INSURANCE COMPANY USE Policy Number:
City Bloomfield State NM ZIP Code 87413	Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

Back of structure looking NE. 3/6/13



Building Photographs

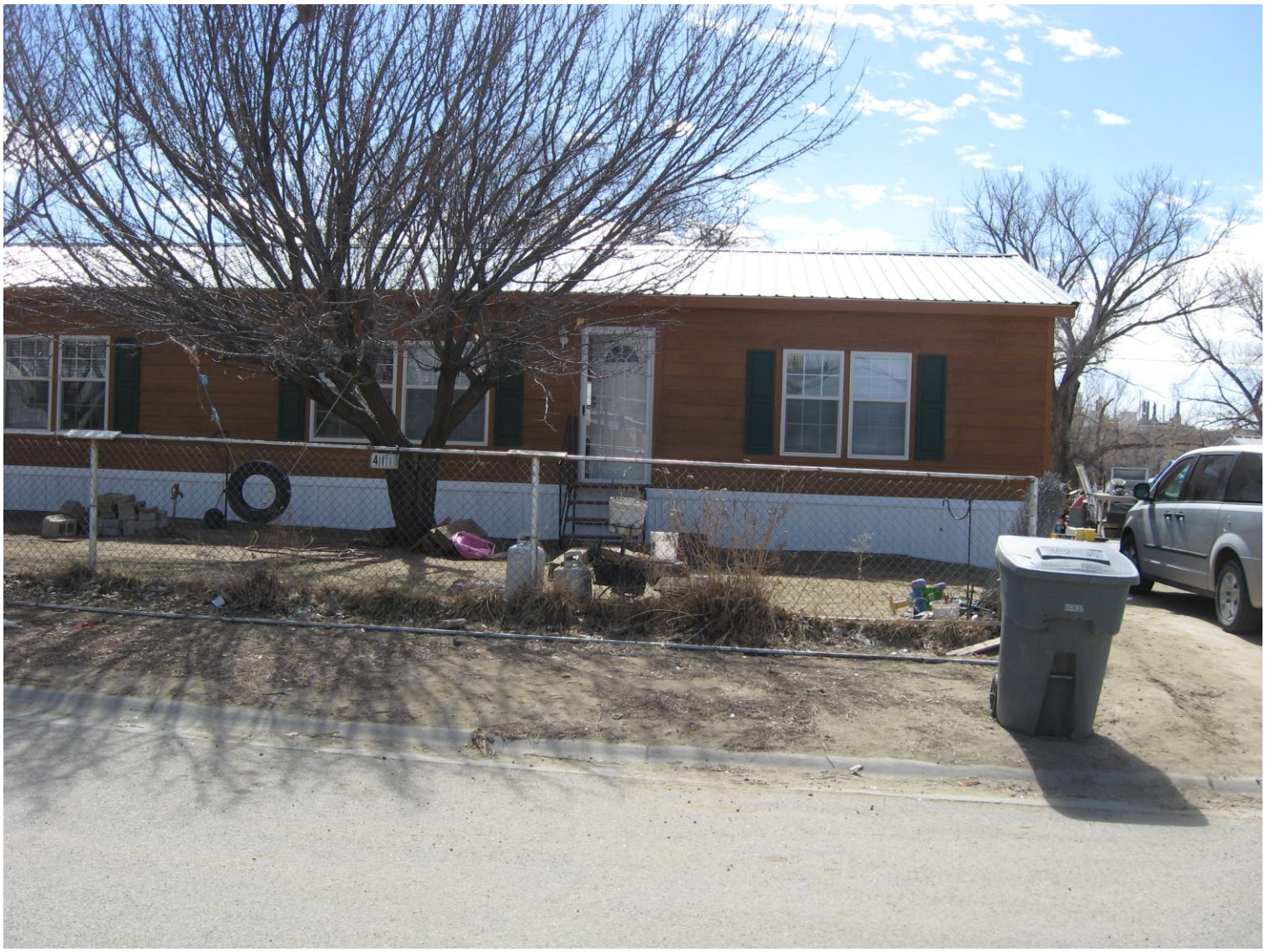
Continuation Page

IMPORTANT: In these spaces, copy the corresponding information from Section A.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 411 East Cedar	FOR INSURANCE COMPANY USE Policy Number:
City Bloomfield State NM ZIP Code 87413	Company NAIC Number:

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

Front of structure looking South. 3/6/13



wildblue. Powered by Google

Scott W Andrae <scottandrae@wildblue.net>

OPUS-RS solution : 59350570.DAT OP1361910151319

1 message

opus <opus@ngs.noaa.gov> Tue, Feb 26, 2013 at 1:42 PM
Reply-To: ngs.opus@noaa.gov
To: scottandrae@wildblue.net

FILE: 59350570.DAT OP1361910151319

2005 NOTE: The IGS precise and IGS rapid orbits were not available
2005 at processing time. The IGS ultra-rapid orbit was/will be used to
2005 process the data.
2005

NGS OPUS-RS SOLUTION REPORT
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All computed coordinate accuracies are listed as 1-sigma RMS values.
For additional information: http://www.ngs.noaa.gov/OPUS/about.jsp#accuracy

USER: scottandrae@wildblue.net DATE: February 26, 2013
RINEX FILE: 5935057p.13o TIME: 20:42:47 UTC

SOFTWARE: rsgps 1.37 RS43.prl 1.87 START: 2013/02/26 15:59:15
EPHEMERIS: igu17292.eph [ultra-rapid] STOP: 2013/02/26 16:29:30
NAV FILE: brdc0570.13n OBS USED: 1910 / 2045 : 93%
ANT NAME: TRM5800 NONE QUALITY IND. 4.13/ 20.90
ARP HEIGHT: 2.2 NORMALIZED RMS: 0.283

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2013.15528)

X:	-1580191.430(m)	0.006(m)	-1580192.228(m)	0.006(m)
Y:	-4870837.520(m)	0.011(m)	-4870836.181(m)	0.011(m)
Z:	3792433.882(m)	0.011(m)	3792433.773(m)	0.011(m)
LAT:	36 42 28.43465	0.007(m)	36 42 28.45174	0.007(m)
E LON:	252 1 33.45871	0.005(m)	252 1 33.41149	0.005(m)

W LON:	107 58 26.54129	0.005(m)	107 58 26.58851	0.005(m)
EL HGT:	1637.604(m)	0.014(m)	1636.715(m)	0.014(m)
ORTHO HGT:	1658.666(m)	0.021(m)	[NAVD88 (Computed using GEOID12A)]	

	UTM COORDINATES (Zone 12)	STATE PLANE COORDINATES SPC (3003 NM W)
Northing (Y) [meters]	4066738.141	633077.183
Easting (X) [meters]	770300.658	817428.829
Convergence [degrees]	1.80982013	-0.08410505
Point Scale	1.00050022	0.99991861
Combined Factor	1.00024316	0.99966170

US NATIONAL GRID DESIGNATOR: 12SYF7030066738(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DO2634	CTI4 COMPASSTOOLS4CRNR CORS ARP	N370910.489	W1074521.876	53083.2
DI2245	P011 SPIDERROCKAZ2005 CORS ARP	N360859.363	W1093109.175	151803.7
DI0438	NMGR GRANTS NMDOT CORS ARP	N351259.649	W1075548.368	165566.2
DF4369	NMSF SANTA FE CORS ARP	N354025.623	W1055730.930	214591.1
DJ8977	ABQ5 ALBUQUERQUE 5 CORS ARP	N345726.546	W1062940.037	235832.0

NEAREST NGS PUBLISHED CONTROL POINT

GN0664	3610745008	N364239.628	W1075905.104	1016.7

This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.