

Exhibit 12

Hot Springs, AR

REFERENCE 34 29 43 N 93 01 27 W CH# 204D - 88.7 MHz, Pwr= 0.14 kw, HAAT=134.5 M, COR= 247 M
 Average Protected F(50-50)= 12.87 km
 Ave. F(50-10) 40 dBu= 43.5 54 dBu= 19.3 80 dBu= 4.0 100 dBu= .8

DISPLAY DATES
 DATA 06-18-03
 SEARCH 06-25-03

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
204D Hot Springs	K204DI	LIC AR	C 220.8 40.8	13.41 BLFT20000215ABR	34 24 14 93 07 11	0.028 282	420 32.9	12.6 Educational Media Foundati	-38.61	-32.14
206C1 Little Rock	KUAR	LIC AR	EN 55.3 235.3	59.29 BLED19910502KA	34 47 50 92 29 26	100.000 232	394 0.8	66.7 Bd. of Trustees Of Univ. O	44.26	-8.28*
202C1 Little Rock	KABF	LIC AR	CN 56.4 236.4	59.98 BLED19900803KC	34 47 31 92 28 38	91.000 196	362 0.8	62.6 Arkansas Broadcasting Foun	45.92	-3.40*
257D Hot Springs	AP257	APP AR	C 310.8 130.8	4.21 BNPFT20030317HQZ	34 31 12 93 03 32	0.170 130	258 6.8	13.3 E-string Wireless, Ltd	3.2R	1.0M
204D Little Rock	AP204	APP AR	DV 64.9 244.9	68.70 BNPFT20000315AAR	34 45 20 92 20 40	0.001 80	217 21.3	2.9 Calvary Chapel Of Twin Fal	53.08	44.59
204D Brittain, etc	AP204	APP AR	C 72.9 252.9	69.60 BNPFT20000218AAJ	34 40 37 92 17 53	0.250 81	175 27.8	11.6 Way-fm Media Group, Inc.	21.32	30.20
204D Russellville, Etc.	K204BD	LIC AR	DEN 345.6 165.6	82.75 BLFT19870814TA	35 13 02 93 15 07	0.032 432	553 20.4	16.1 First Baptist Church Of Ru	22.17	46.28
257D Malvern	AP257	APP AR	C 113.0 293.0	22.01 BNPFT20030317AZY	34 25 04 92 48 13	0.140 102	221 12.2	11.3 Educational Media Foundati	3.2R	18.8M
257D Arkadelphia	AP257	APP AR	C 175.8 355.8	28.67 BNPFT20030317BYZ	34 14 15 93 00 05	0.140 33	202 9.3	6.4 Edgewater Broadcasting Inc	3.2R	25.5M
204D Pine Bluff	K204DO	LIC AR	V 108.3 288.3	96.21 BLFT20020220ABB	34 13 14 92 01 56	0.099 56	141 39.2	7.7 Calvary Chapel Of Twin Fal	58.98	49.26
204A De Queen	KBPU	LIC AR	CX 247.1 67.1	127.27 BLED20020906AAA	34 02 38 94 17 41	0.250 42	175 39.2	8.4 American Family Associatio	87.81	79.68
201C1 Hampton	KBPW	LIC AR	V 154.2 334.2	118.09 BLED20010824AAE	33 32 11 92 28 07	60.000 93	153 0.8	45.1 American Family Associatio	102.06	72.16
258A Little Rock	KYFX	LIC AR	CN 65.5 245.5	73.40 BLH19920831KC	34 45 58 92 17 38	3.000 71	197 6.6	20.5 Nameloc, Inc. D/b/a Namelo	10.0R	63.4M
258A Little Rock	KYFX.A	APP AR	DCX 65.5 245.5	73.40 BPH20030214ABQ	34 45 58 92 17 38	6.000 71	197 6.6	24.2 Nameloc Inc Dba Nameloc Br	10.0R	63.4M
205D Prescott	K209CV	LIC AR	CN 205.4 25.4	83.83 BLFT19970221TH	33 48 45 93 24 50	0.250 59	151 15.6	10.1 American Family Associatio	58.92	58.15
257A Atkins	KVLD	LIC AR	C 8.9 188.9	84.17 BLH19991104ABM	35 14 41 92 52 51	4.100 75	244 6.1	22.6 Mma License LLC	10.0R	74.2M
06-2E Mountain View	KEMV	LI AR	HN 24.3 204.3	160.77 BLET19800903KE	35 48 47 92 17 24	100.000 396	753 195.2	111.0 Arkansas Educational Telev	To Grd B=	49.76

"*"Affixed to 'IN' or 'Out' values = site inside protected contour.
 ERP and HAAT are on direct line to and from reference station.

Exhibit 12 (Compliance with CFR 74.1204)

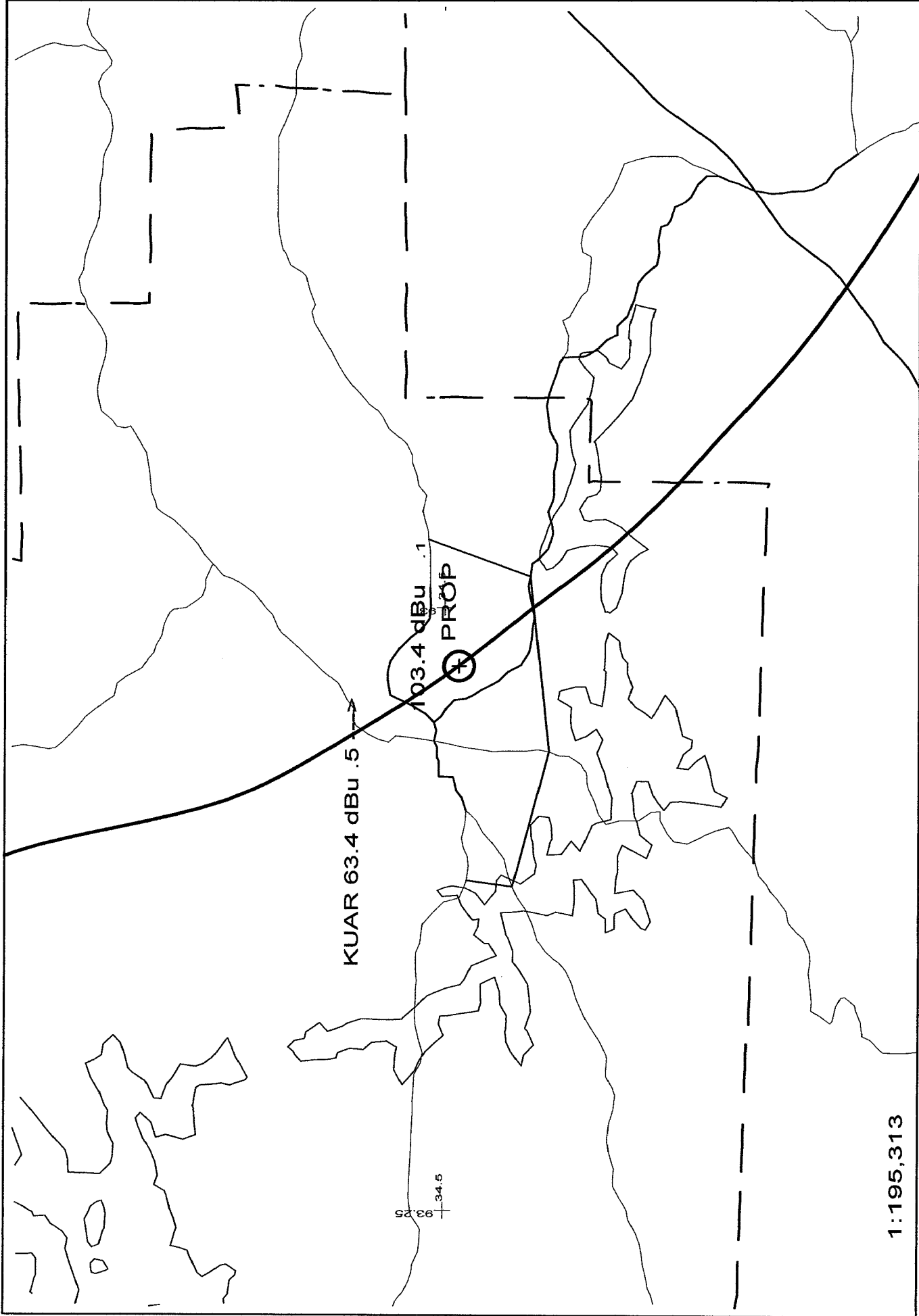
The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KUAR, channel 206C1, Little Rock, AR. The predicted F(50-50) field strength of KUAR at the proposed translator site is 63.4 dBu, *see Exhibit 12A*. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is greater than 103.4 dBu. This interfering contour extends less than 560 meters from the proposed transmit antenna, and the area of overlap is unpopulated.

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KABF, channel 202C1, Little Rock, AR. The predicted F(50-50) field strength of KABF at the proposed translator site is 61.2 dBu, *see Exhibit 12B*. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is greater than 101.2 dBu. This interfering contour extends less than 720 meters from the proposed transmit antenna, and the area of overlap is unpopulated.

Two factors have been investigated to determine this absence of population:

- 1) Computer software which uses the centroid method of determining population centers, based on the 2000 census data, has determined that there are no persons within the area of overlap.
- 2) Examination of the USGS topographic map reveals no regularly occupied structures within the area of overlap.

Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.



1:195,313

Scale in km



PROP 204D .14kW 247M AMSL

N. Lat. 34 29 43 W. Lng. 93 01 27

Exhibit 12A

- 06/03

1030

+507

+818

+5

+555 62

8

103.4 dBu -1

+39 30

72

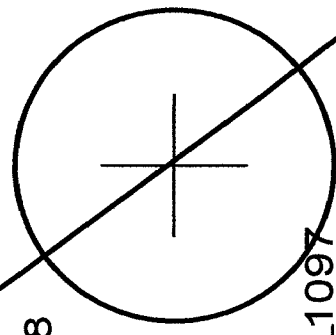
+6

151

+248

+393

+899



+1097

+1280

+89

+139

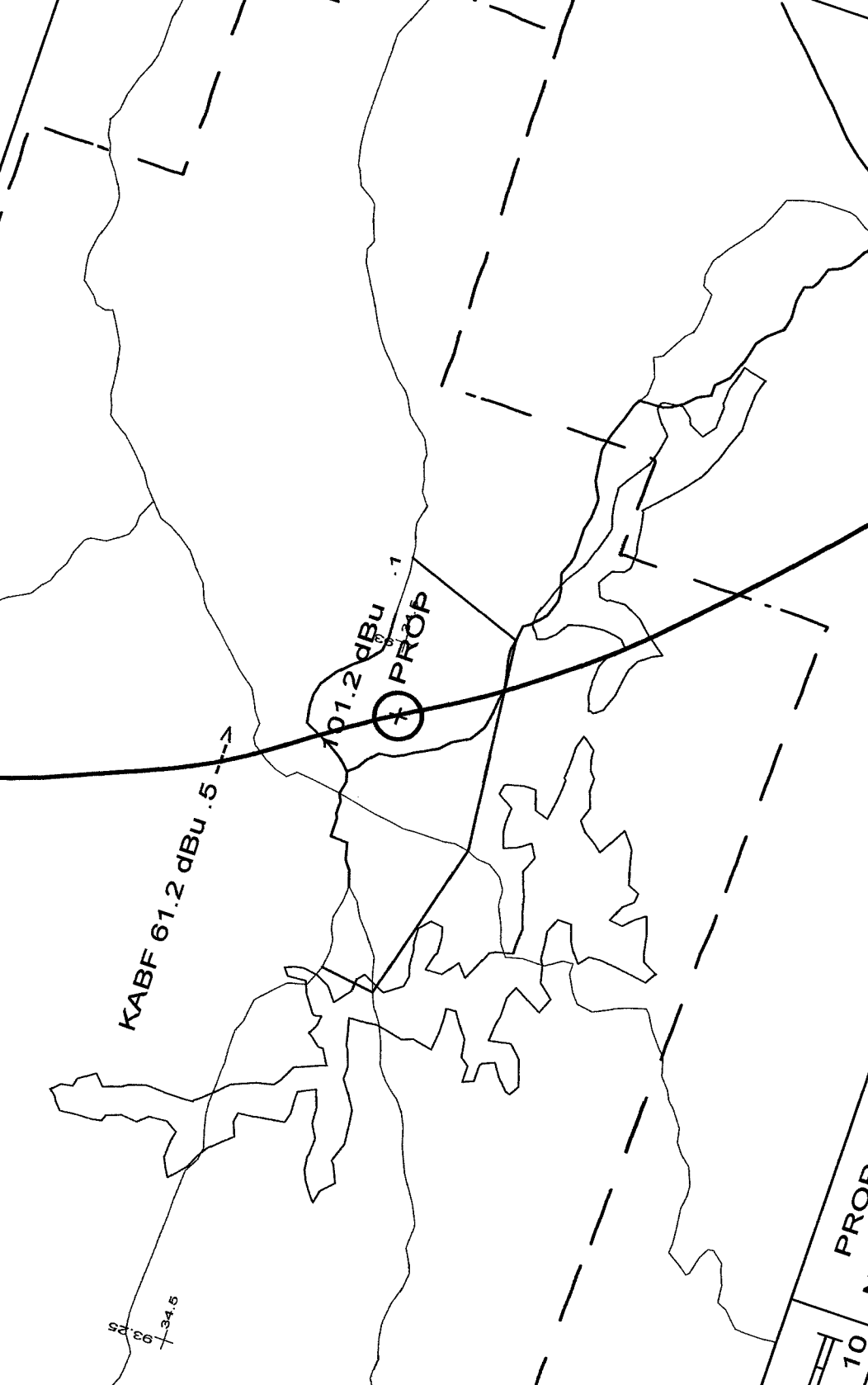
PRCP

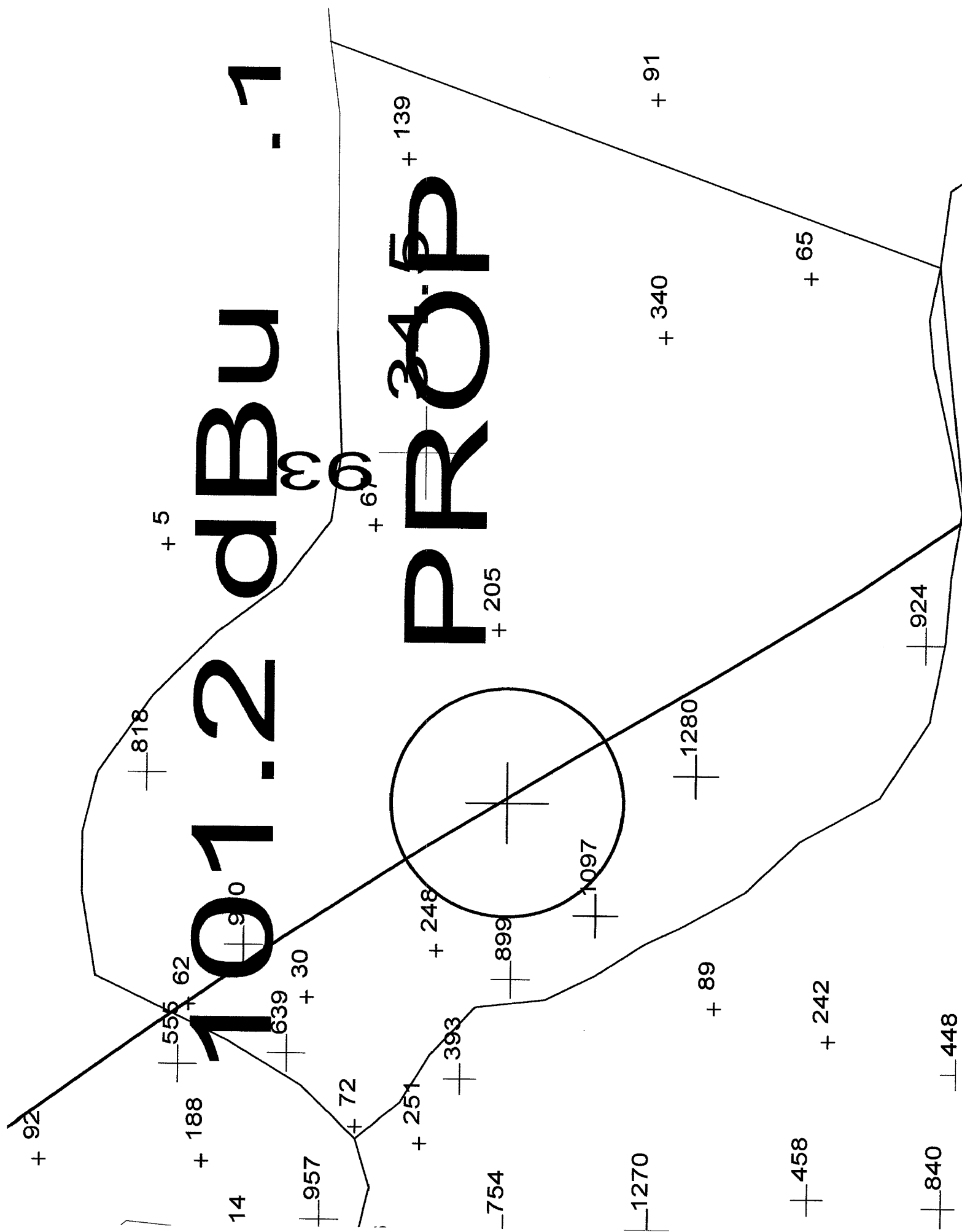
+205

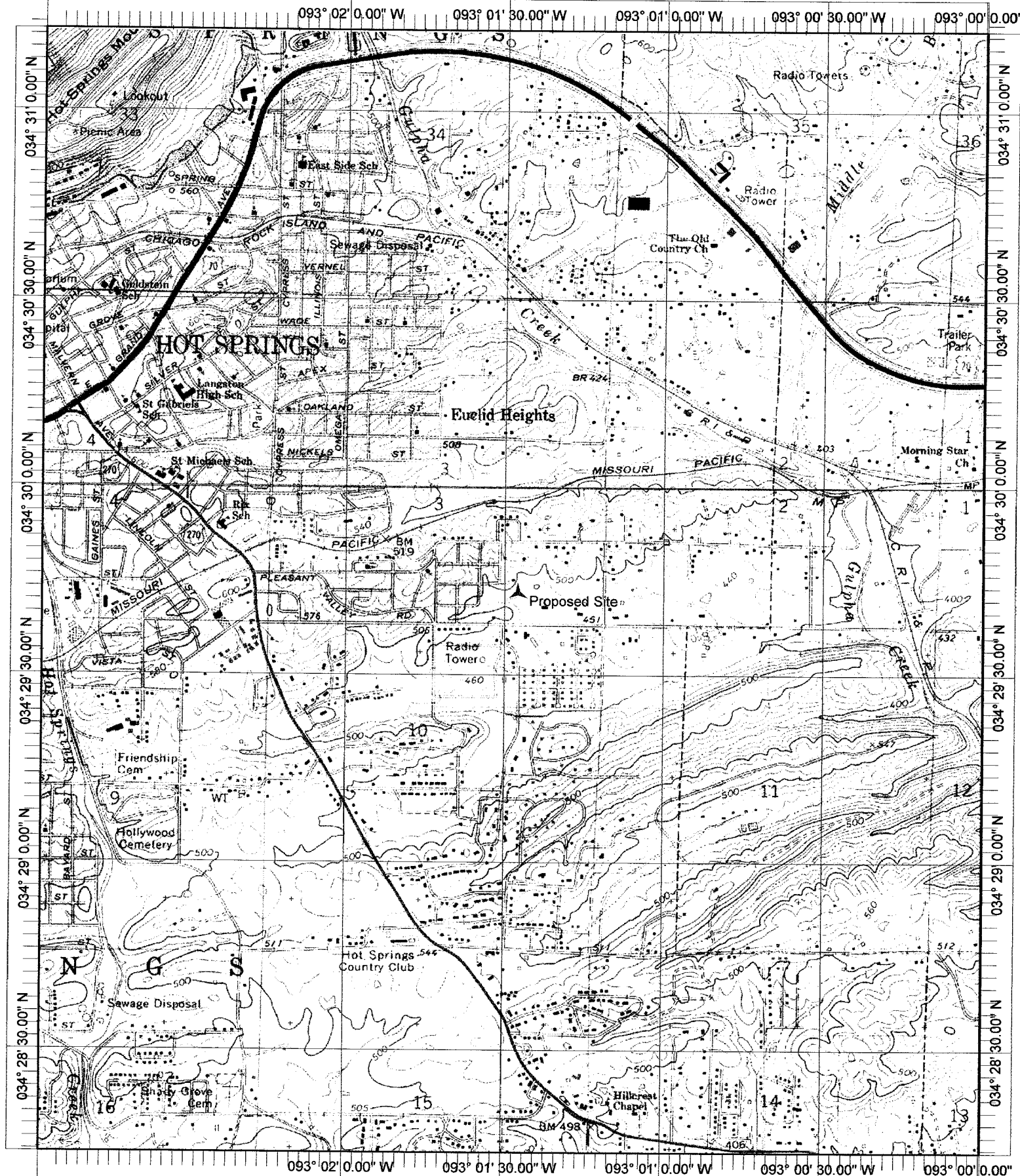
+340

+91

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Name: HOT SPRINGS SOUTH
 Date: 6/25/2003
 Scale: 1 inch equals 2000 feet

Location: 034° 29' 43.2" N 093° 01' 28.6" W
 Caption: Exhibit 12
 Proposed Site