Exhibit 12
Sand Springs, OK

REFERENCE
36 06 56 N
96 01 02 W

CH# 293D - 106.5 MHz, Pwr= 0.205 kW, HAAT=109.0 M, COR= 300 M
Average Protected F(50-50)= 12.78 km
Ave. F(50-10) 40 dBu= 43.8 54 dBu= 19.1 80 dBu= 4.0 100 dBu= 1.0

DISPLAY DATES
DATA 08-16-03
SEARCH 08-19-03

CH CALL CITY	TYPE STATE	AZI. <-- DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
293D AP293 Sand Springs	APP C OK	0.0 0.00 180.0 BNPFT20030317DZC	36 06 56 96 01 02	0.016 140	350 37.3	7.7 Educational Media Foundati	-36.87*	-45.01*
295C KHTT Muskogee	LIC CY OK	141.4 36.09 321.4 BLH19820914AJ	35 51 41 95 46 03	100.000 312	508 1.0	73.3 Renda Broadcasting Corp. O	13.54	-38.21*
291C1 ALLO Owasso	VAC OK	83.2 35.55 263.2	36 09 10 95 37 30	100.000 -197	0 1.0	31.0	20.85	3.58
291C KQLLFM Owasso	LIC CY OK	35.4 56.11 215.4 BLH19860602KH	36 31 36 95 39 12	100.000 408	606 1.0	80.3 Clear Channel Broadcasting	32.37	-25.24*
240D AP240 Tulsa	APP C OK	290.0 5.08 110.0 BNPFT20030314BVF	36 07 52 96 04 13	0.092 157	369 10.5	12.6 Educational Media Foundati	3.2R	1.9M
240D AP240 Tulsa	APP C OK	33.4 6.25 213.4 BNPFT20030312AWR	36 09 45 95 58 44	0.250 85	297 12.2	11.9 Community Broadcasting, In	3.2R	3.1M
293C KYQQ« Arkansas City	LIC CN KS	328.8 161.68 148.8 BLH19880120KA	37 21 24 96 57 55	100.000 386	766 31.6	78.8 Journal Broadcast Corporat	-29.55	51.33
293C2 KBVA« Bella Vista	LIC CN AR	80.9 141.79 260.9 BLH19921005KE	36 18 21 94 27 29	37.000 192	536 39.4	54.0 Gayla Joy Hendren	-6.19	48.39
293C3 KTLSFM Holdenville	LIC NCN OK	199.0 140.97 19.0 BLH19970826KG	34 54 50 96 31 20	25.000 104	361 39.1	39.8 Woodstone Broadcasting, In	15.16	62.11

"*"Affixed to 'IN' or 'Out' values = site inside protected contour.
ERP and HAAT are on direct line to and from reference station.
"«" = Station meets FCC minimum distance spacing for its class.

Exhibit 12 (Compliance with CFR 74.1204)

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KQLL, channel 291C, Owasso, OK. The predicted F(50-50) field strength of KQLL at the proposed translator site is 70.2 dBu, *see Exhibit 12A*. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 110.2 dBu. This interfering contour extends less than 310 meters from the proposed transmit antenna, and the area of overlap is unpopulated.

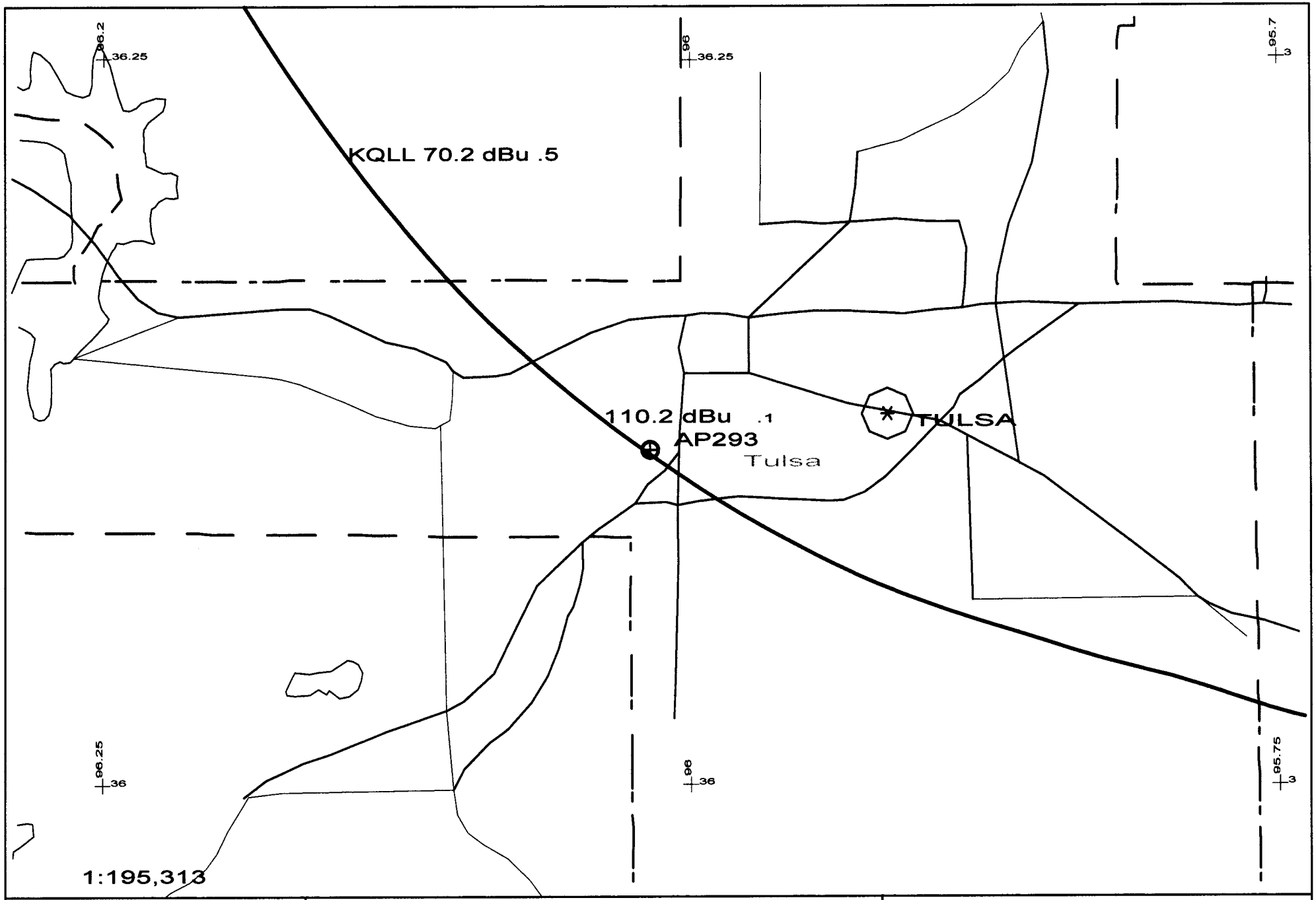
The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KHTT, channel 295C, Muskogee, OK. The predicted F(50-50) field strength of KHTT at the proposed translator site is 77.6 dBu, *see Exhibit 12B*. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 117.6 dBu. This interfering contour extends less than 132 meters from the proposed transmit antenna, and the area of overlap is unpopulated.

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

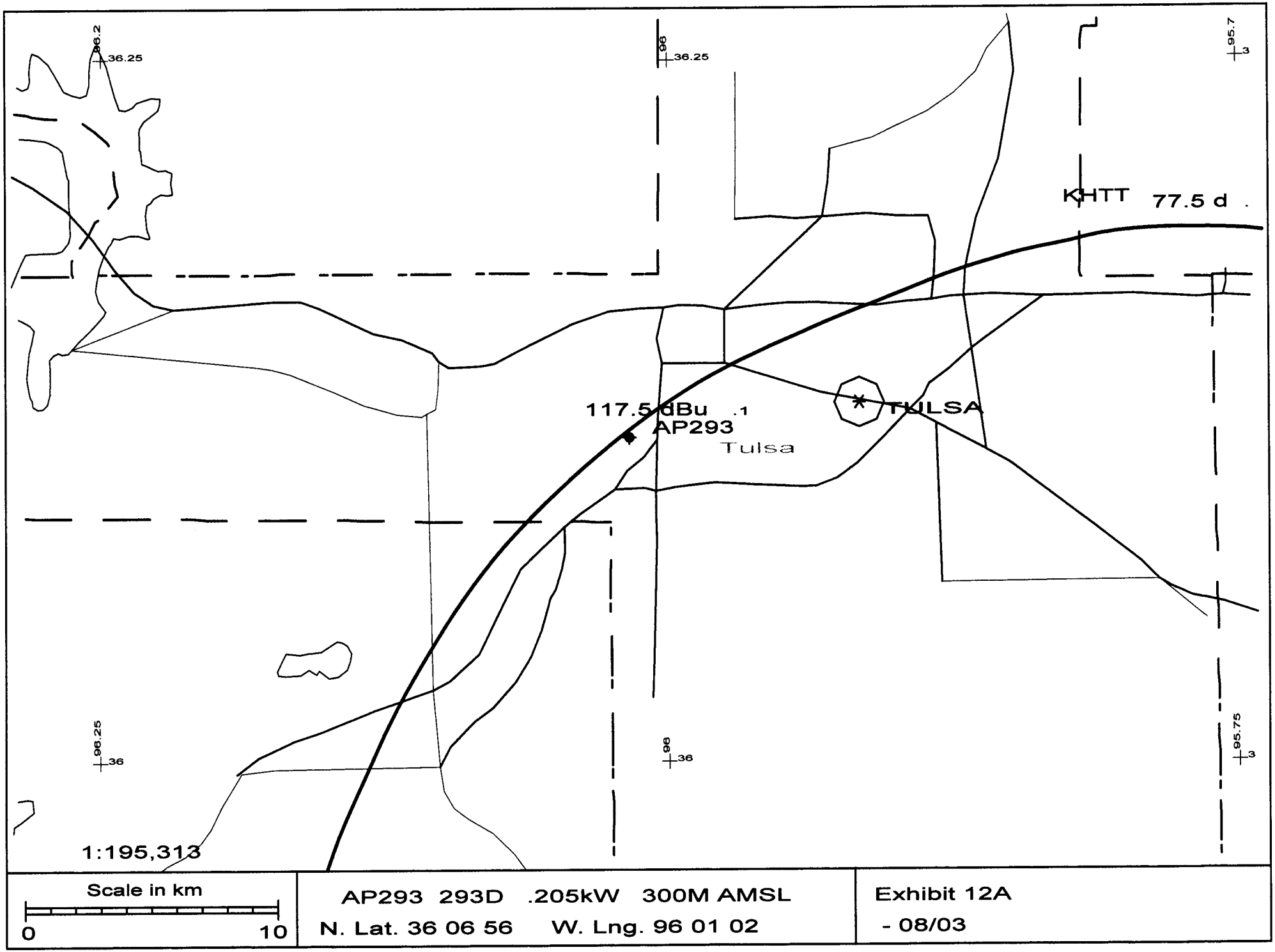
1) Computer software which uses the centroid method of determining population centers, based on the 2000 census data, has determined that there are no persons within the area of overlap.

2) Examination of the USGS topographic map reveals no regularly occupied structures within the area of overlap.

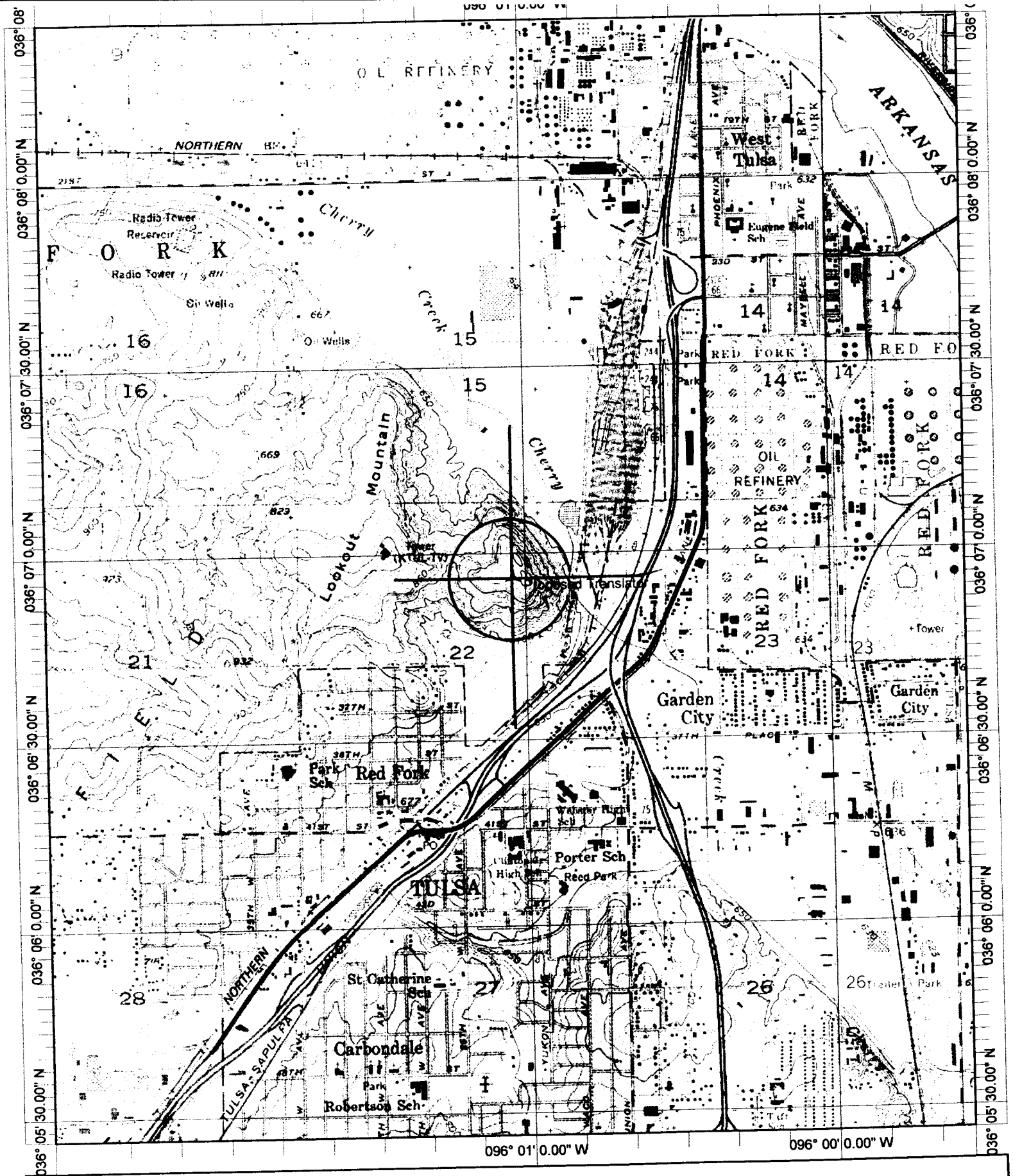
Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.



Scale in km	AP293 293D .205kW 300M AMSL	Exhibit 12A
0 10	N. Lat. 36 06 56 W. Lng. 96 01 02	- 08/03



Scale in km	AP293 293D .205kW 300M AMSL	Exhibit 12A
0 10	N. Lat. 36 06 56 W. Lng. 96 01 02	- 08/03



Name: SAPULPA NORTH
Date: 6/11/2003
Scale: 1 inch equals 2000 feet

Location: 036° 06' 56.2" N 096° 01' 04.1" W
Caption: Exhibit 12
Proposed Translator Site