

Exhibit 12
Oildale, CA

REFERENCE
35 28 21 N
119 01 40 W

CH# 284D - 104.7 MHz, Pwr= 0.01 kw, HAAT=198.7 M, COR= 326 M
Average Protected F(50-50)= 8.19 km
Ave. F(50-10) 40 dBu= 27.5 54 dBu= 11.6 80 dBu= 1.9 100 dBu= .2

DISPLAY DATES
DATA 08-01-03
SEARCH 08-12-03

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*
284D Oildale	AP284	APP C CA	0.0 180.0	0.00 BNPFT20030317BKT	35 28 21 119 01 40	0.010 187	326 14.0	7.9 Educational Media Foundati	-31.19*	-21.98*
287B Delano	KKDJ	LIC CN CA	327.1 147.1	5.59 BLH19871231KD	35 30 53 119 03 41	35.000 171	384 0.4	64.2 Clear Channel Broadcasting	-6.46*	-59.01*
282A Shafter	RDEL	DEL CA	0.0 180.0	0.00	35 28 21 119 01 40	6.000 -139	0 0.2	15.8	-6.06*	-15.97*
282A Shafter	KRFR.A	APP NCX CA	0.0 180.0	0.00 BPH19991110AAD	35 28 21 119 01 40	4.000 192	331 0.2	34.9 American General Media Of	-7.61*	-35.08*
282A Shafter	KRFR	LIC NCN CA	249.2 69.2	16.57 BLH19950621KD	35 25 10 119 11 54	6.000 56	207 0.2	21.7 American General Media Of	6.17	-5.40*
282A Mcfarland	RADD	ADD CA	308.0 128.0	35.99	35 40 16 119 20 30	6.000 -109	0 0.2	15.8	27.75	20.02
284B Oxnard	KCAQ.C	CP CX CA	179.8 359.8	126.71 BPH20030113ACT	34 19 49 119 01 24	4.000 39	750 37.4	22.8 Gold Coast Broadcasting LI	54.72	66.55
284B Oxnard	KCAQ<	LIC NCN CA	192.8 12.8	127.84 BLH19980209KH	34 20 55 119 20 13	5.100 430	696 37.0	65.0 Gold Coast Broadcasting LI	-5.99	25.86
283A Lake Isabella	KVLIFM	LIC NCN CA	72.5 252.5	56.03 BMLH20010112AAL	35 37 21 118 26 16	0.200 714	1628 4.4	33.6 Robert J. And Katherine M.	1.03	17.98
284D Hanford	AP284	APP C CA	328.8 148.8	110.46 BNPFT20030317FOQ	36 19 16 119 40 03	0.250 35	96 20.4	7.6 Robert J. Connelly, Jr.	78.80	82.50
285A Tipton	KCRZ	LIC CN CA	345.5 165.5	79.83 BLH19951107KC	36 10 07 119 15 04	2.300 160	255 7.8	28.0 Westcoast Broadcasting, In	31.94	44.01
284D Quartz Hill	AP284	APP DC CA	141.7 321.7	116.48 BNPFT20030317AZD	34 38 49 118 14 20	0.000 75	823 23.6	0.0 Educational Media Foundati	109.48	92.92
283D Porterville	AP283	APP C CA	359.9 179.9	70.42 BNPFT20030317FPP	36 06 26 119 01 45	0.010 210	361 6.3	8.4 Radio Assist Ministry, Inc	54.04	55.71
285B Ridgecrest	KLOAFM	APP ZCX CA	88.1 268.1	123.15 BPH20030327ACK	35 30 03 117 40 16	2.480 301	1369 7.1	50.0 Adelman Communications, In	62.37	66.00
284D Palmdale	AP284	APP H CA	143.9 323.9	126.82 BNPFT20030317LUC	34 32 50 118 12 43	0.250 537	1576 23.9	30.3 Gold Coast Broadcasting LI	31.39	72.63
285B1 Ridgecrest	KLOAFM	LIC NCN CA	89.3 269.3	120.56 BLH19980506KD	35 28 41 117 41 58	1.500 210	1362 6.4	34.0 Adelman Communications, In	73.14	80.11

***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 third adjacent channel station KKDJ, channel 287B, Delano, CA. The predicted F(50-50) field strength of KKDJ at the proposed translator site is 100.0 dBu, *see Exhibit 12A*. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 140.0 dBu. This interfering contour extends less than 3 meters from the proposed transmit antenna, and the area of overlap does not reach the ground.

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KRFR, channel 282A, Shafter, CA. The predicted F(50-50) field strength of KRFR at the proposed translator site is 64.6 dBu, *see Exhibit 12B*. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 104.6 dBu. This interfering contour extends less than 131 meters from the proposed transmit antenna, and the area of overlap is unpopulated.

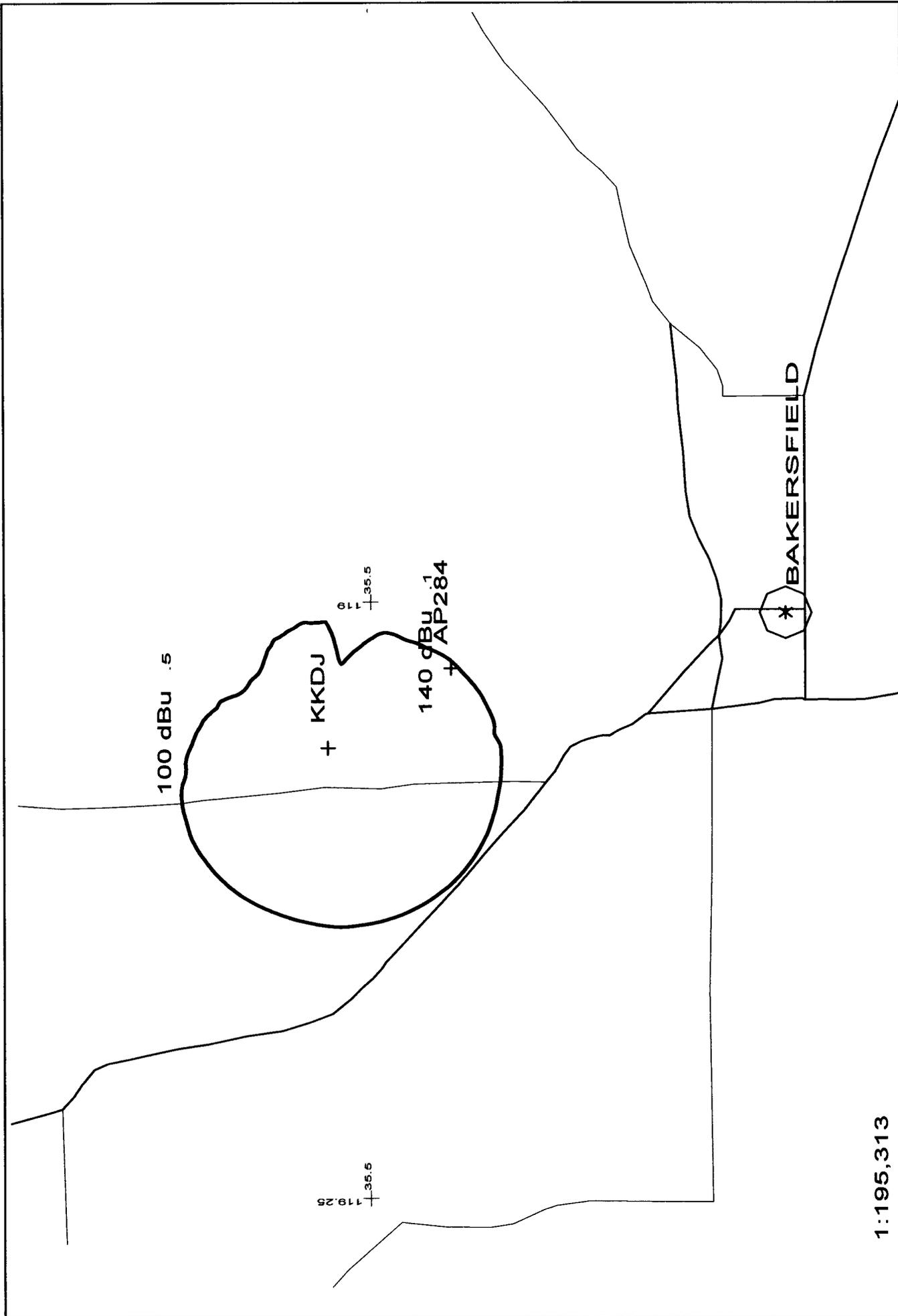
The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KRFR.A, channel 282A, Shafter, CA. The predicted F(50-50) field strength of KRFR.A at the proposed translator site is greater than 120 dBu. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is greater than 160 dBu. This interfering contour extends less than 1 meter from the proposed transmit antenna, and the area of overlap does not reach the ground.

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

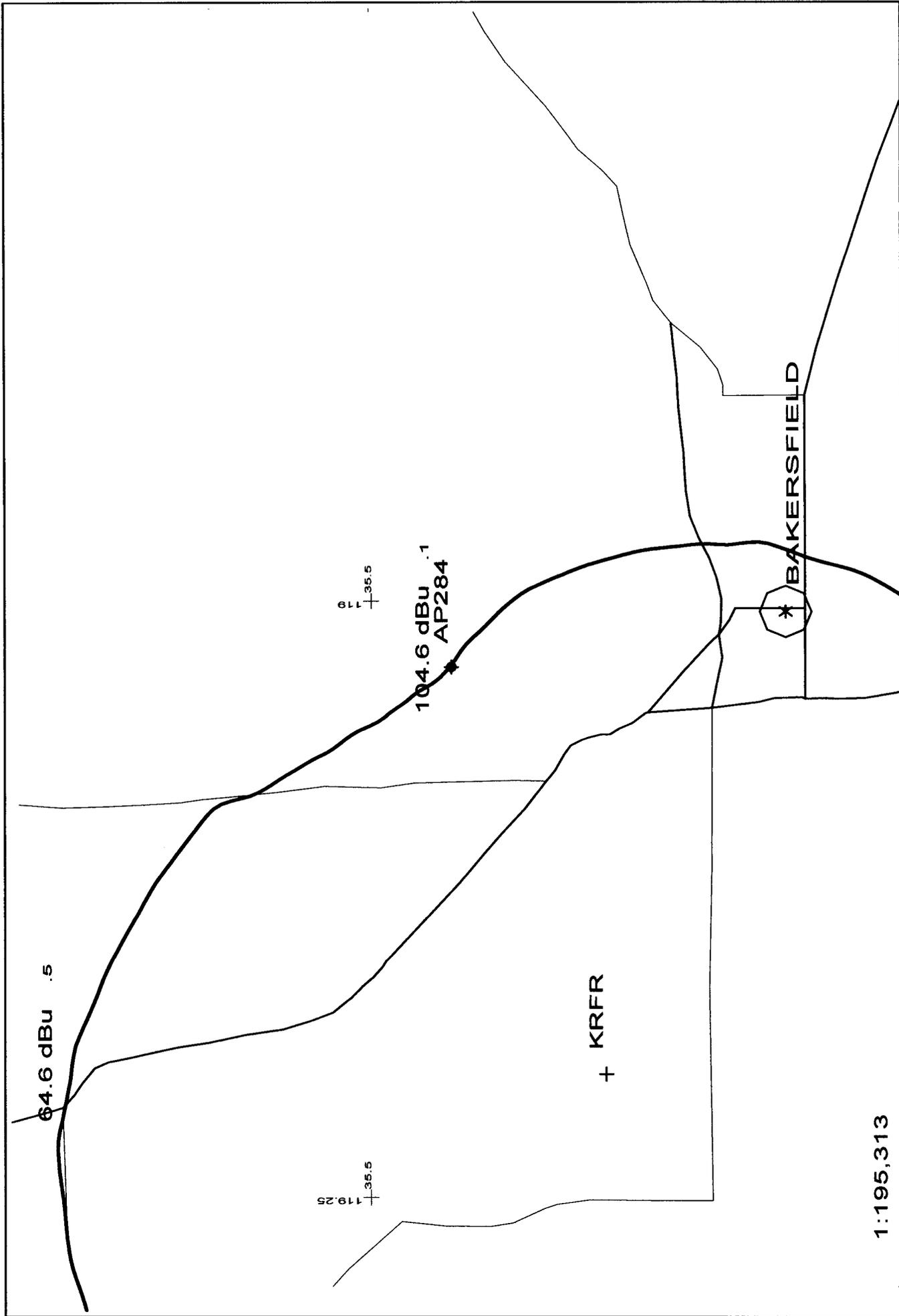


AP284 284D .01kW 326M AMSL

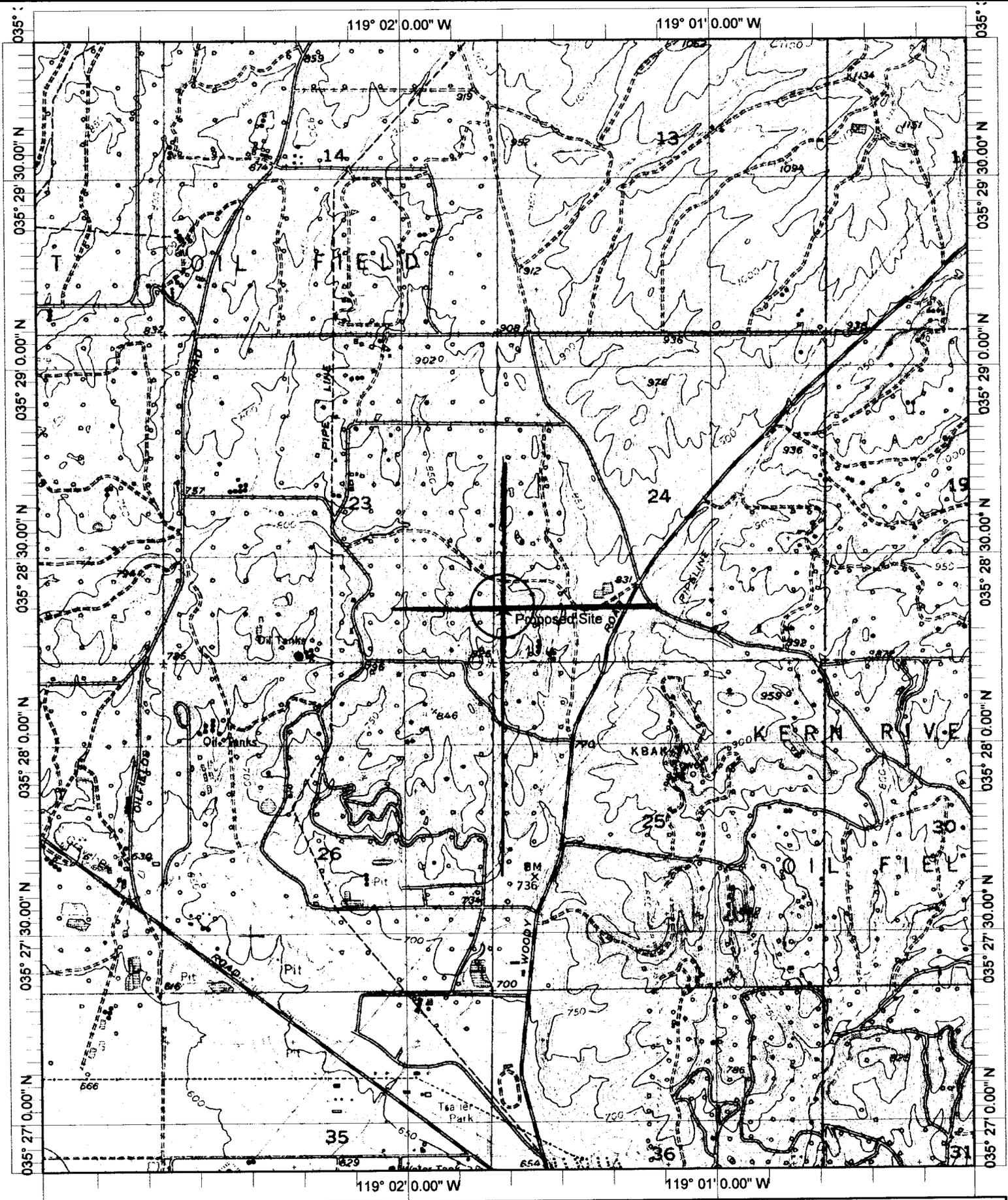
N. Lat. 35 28 21 W. Lng. 119 01 40

Exhibit 12A

- 08/03



AP284 284D .01kW 326M AMSL	Exhibit 12B
N. Lat. 35 28 21 W. Lng. 119 01 40	- 08/03



Name: OILDALE
 Date: 8/12/2003
 Scale: 1 inch equals 2000 feet

Location: 035° 28' 22.2" N 119° 01' 40.4" W
 Caption: Exhibit 12