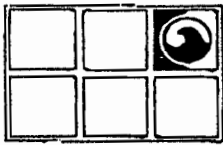


ENTERED



**GROUNDWATER  
TECHNOLOGY, INC.**

2501 Yale Blvd. SE, Suite 204, Albuquerque, NM 87106 (505) 242-3113

Fax: (505) 242-1103

**FACSIMILE MESSAGE**

DATE: 01/29/93 TIME: \_\_\_\_\_  
 TO: Chris Hawley AT: \_\_\_\_\_  
 FROM: Cyrantha Diaz AT: \_\_\_\_\_

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 2

FAX NUMBER CALLED: 1-632-3911

MESSAGE: RE: Progress Report Info

I will send you the map and table on  
 Feb 4<sup>th</sup> for receipt by you on Feb 8<sup>th</sup>  
 (if OK) since graphics aren't due back  
 until then. If you'd like to rush it  
 please call.

**This facsimile transmission contains CONFIDENTIAL INFORMATION which also may be LEGALLY PRIVILEGED and which is intended only for the use of the Addressee(s) named above. If you are not the intended recipient of this facsimile, or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination or copying of this facsimile is strictly prohibited. If you received this facsimile in error, please notify us immediately by telephone and return the original facsimile to us at the above address by return mail. Thank you.**

IF THIS MESSAGE IS RECEIVED INCOMPLETE, PLEASE CALL (505) 242-3113.

TIME: \_\_\_\_\_

SENT BY: \_\_\_\_\_

### Interim Measures (IM) Progress

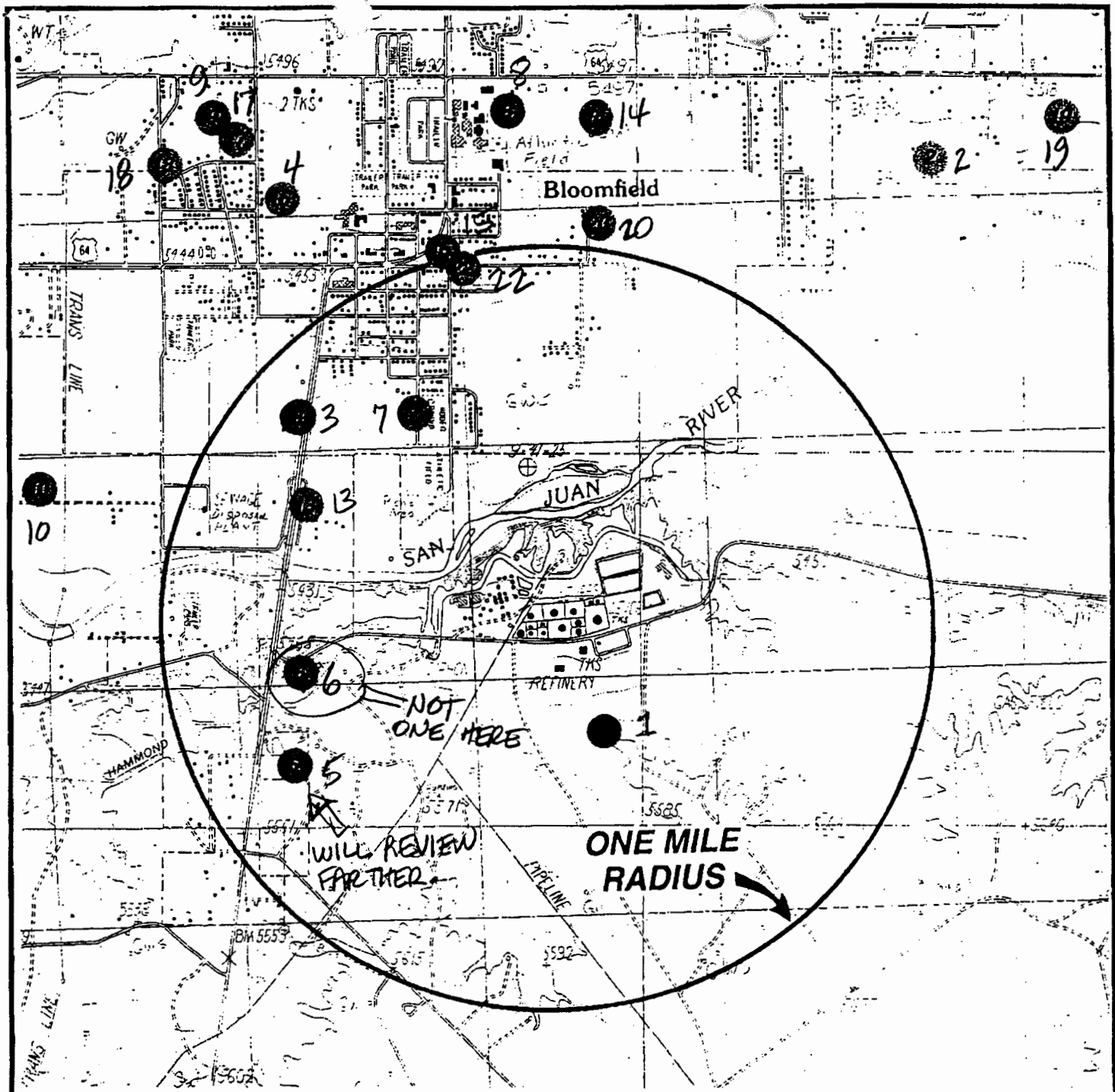
1. BRC is continuing to implement interim measures including the systematic tank inspection and maintenance program and the hydrocarbon recovery system actively pumping from seven on-site recovery wells. Additionally BRC continues its efforts toward closure of solid waste management units (SWMUs) that are no longer in-use, in accordance with item C.2.b of the Corrective Action Plan (CAP) of the Order on Consent.
2. BRC and its consultant, Groundwater Technology, Inc. (GTI), are in the process of preparing the IM work plan. This plan will be submitted to the USEPA within 45 days from the date of the Order on Consent (postmarked by February 14, 1993).
3. Well search information provided by Tierra Environmental Co., Inc. (Tierra, 1992) identified 22 water wells in the vicinity of the BRC site. Based on coordinates provided, these well locations were plotted to show their locations relative to the BRC site, although locations for three wells (#4, 11 and 12) were not reported and the locations of two wells (#15 and 22) are only approximate. Additionally, the location of well #21 is not shown as it was reported to be located in Section 25 which is off the map. Well owner and construction information is shown on Table 1.

As shown on the figure, eight wells are within a one-mile radius of the BRC site: #1, 3, 5, 6, 7, 13, 15 and 22. Well #1 is shown to be located south of the site, apparently on BLM property, but is reportedly owned by C.W. Wooten. This well is double-cased and is screened between 266 and 306 feet. Well #6 is located west of the site on the opposite side of the Hammond Ditch. This well is owned by D.C. Looney and is reported to be screened between 22 and 32 feet. Well #5 is located southwest of the site, is owned by E.H. Brown (Aztec, NM) and is reportedly cased to 20 feet. Wells #3, 7, 13, 15, and 22 are located across (north of) the San Juan River from the site.

In part C.2.d of the Corrective Action Plan (CAP), BRC is required to notify well owners which have the possibility of groundwater contamination attributable to the BRC site. Based on the well locations with respect to the facility and surface water bodies, these wells are not considered to be at risk, and therefore the owners have not been notified.

### RCRA Facility Investigation (RFI) Progress

1. BRC and its consultant, GTI, are in the process of preparing the Description of Current Conditions (Task I) and the RFI work plan (Task II). The two tasks will be submitted to the USEPA within 90 days from the date of the Order on Consent (postmarked by March 31, 1993).



**LEGEND**



SITE



WATER WELL LOCATION  
(SEE TABLE 1 FOR  
OWNER INFORMATION)



NEW MEXICO  
QUADRANGLE  
LOCATION



**NOTES:**

- 1) WELL NOS. 4, 11, & 12 NOT SHOWN SINCE LOCATIONS WERE NOT REPORTED ON WELL RECORDS. WELL NO. 21 IS NOT SHOWN, AS IT IS NOT IN THE VICINITY OF THE SITE.
- 2) WELLS NO. 15 AND 22 ARE APPROXIMATELY LOCATED.

BLOOMFIELD, N. MEX. QUADRANGLE  
PROVISIONAL EDITION  
1985  
36107-F8-TF-024



**Bloomfield Refining Company**

A Gary Energy Corporation Subsidiary  
#50 COUNTY ROAD 4990  
BLOOMFIELD, NEW MEXICO

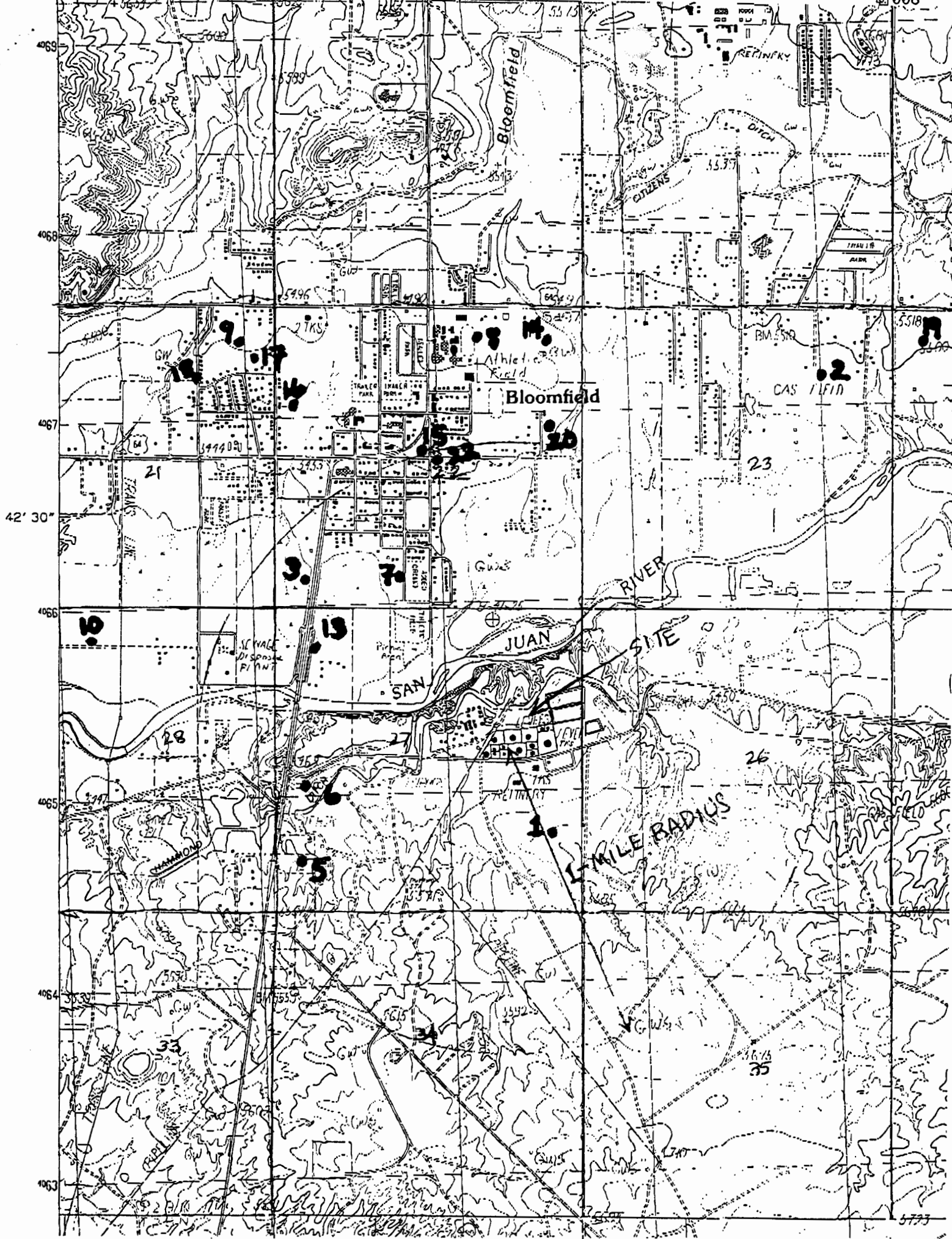


**GROUNDWATER TECHNOLOGY**

2501 YALE BLVD. SE, SUITE 204  
ALBUQUERQUE, N.M. 87106 (505) 242-3113

**WATER WELLS  
WITHIN ONE MILE  
OF THE FACILITY**

DESIGNED BY CD	DETAILED BY EF	CHECKED BY:
DATE 2/2/93	FILE BL-WELL LOC	
PROJECT NO Q23353014	CONTRACT	
DRAWING	FIGURE 2	REVISION:



**TABLE 1**  
**WATER WELLS WITHIN ONE MILE RADIUS**  
**BLOOMFIELD REFINING COMPANY SITE**  
**BLOOMFIELD, NEW MEXICO**

IN THE VICINITY OF THE

	PERMIT NUMBER	WELL OWNER	ADDRESS	LOCATION	DATE	TOTAL DEPTH	CASING	SCREEN
1.	SJ-2148	C.W. Wooten	P.O. Box 1841 Bloomfield, NM 87413	S 1/2, NE 1/4, SE 1/2 Section 27 Twp 29 N Range 11-W	Nov. 1987	305'	7" steel to 39.5' 4" PVC to 266'	266'-306'
2.	SJ-1870	D.E. Walters	P.O. Box 2131 Bloomfield, NM 87413 Tract 2	NE 1/4 Section 23 Twp 29 N Range 11-W	Aug. 1984	58'	6" steel to 58'	None
3.	SJ-2026	S. Hinsen	P.O. Box 2562 Bloomfield, NM 87413	SW 1/2, SW 1/4, Section 22 Twp 29 N Range 11-W	Jan. 1986	27'	6 5/8" steel to 21'	21' to 26'
4.	SJ-2121	H. Chatto	Lot 10, Huntington Circle, Bloomfield, NM 87413	Not Reported	July 1987	30'	7" steel to 21'	21' to 26'
5.	SJ-700	E.H. Brown	Rt #1, Box 248, Aztec, NM 87410	SW 1/4, SW 1/4, NW 1/4 Section 27 Twp 29 N Range 11-W	July 1978	20'	7" steel to 20'	None
6.	SJ-2210	D.C. Looney	P.O. Box 2462 Bloomfield, NM 87413	S 1/2, NW 1/4, NW 1/4 Section 27 Twp 29 N Range 11-W	Dec. 1988	32'	6" PVC to 22'	22'-32'

TABLE 1  
 WATER WELLS WITHIN ONE MILE RADIUS  
 BLOOMFIELD REFINING COMPANY  
 BLOOMFIELD, NEW MEXICO  
 (Continued)

	PERMIT NUMBER	WELL OWNER	ADDRESS	LOCATION	DATE	TOTAL DEPTH	CASING	SCREEN
7.	SJ-695	W.N. Wampler	P.O. Box 2386 Bloomfield, NM 87413, Lot 14, Block 2 of the Bloomfield Southside Add	SW 1/4, SE 1/4 Section 22 Twp 29 N Range 11-W	July 1978	34'	6" to 24"	24' to 34'
8.	SJ-796	T.P. Johnson	Tract A, Loma Addition, Bloomfield, NM 87413	NE 1/4, NW 1/4 Section 22 Twp 29 N Range 11-W	Mar. 1979	50'	5.5" to 40"	40' to 48'
9.	SJ-701	G.T. Rodriguez	P.O. Box 1071 Bloomfield, NM 87413, Lot 16, Green Valley Estates	NE 1/4, NE 1/4 Section 21 Twp 29 N Range 11-E	July 1978	70'	6 5/8" to 70"	None
10.	SJ-2330	R.H. Phelps	P.O. Box 2548 CR 5005 #65 A, Bloomfield, NM 87413	NW 1/4, NE 1/4 Section 28 Twp 29 N Range 11-W	Sept. 1991	128'	5" PVC to 107'	107' to 127'
11.	SJ-2195	M. Aronson	Bloomfield, NM 87413	Not Reported	Nov. 1988	70'	6" to 65"	65' to 70'
12.	SJ-2182	M. Faverino	116 Road 5010 Bloomfield, NM 87413	Not Reported	July 1988	27'	7" to 22"	22' to 26'

**TABLE 1**  
**WATER WELLS WITHIN ONE MILE RADIUS**  
**BLOOMFIELD REFINING COMPANY**  
**BLOOMFIELD, NEW MEXICO**  
(Continued)

	PERMIT NUMBER	WELL OWNER	ADDRESS	LOCATION	DATE	TOTAL DEPTH	CASING	SCREEN
13.	SJ-2227	Y. Chavez	P.O. Box 1412 Bloomfield, NM 87413 Huntington Circle	NW 1/4, NW 1/4 Section 27 Twp 29 Range 11-W	July 1989	27'	7" to 20'	20' to 24'
14.	SJ-704	C.W. Jaramillo	P.O. Box 594 Bloomfield, NM 87413 Lot 2&3, Blk 4 - Loma Vista	NE 1/4, NE 1/4 Section 22 Twp 29 N Range 11-W	July 1978	55'	6" Plastic to 35'	35' to 55'
15.	SJ-484	G.A. Chacon	P.O. Box 634 Bloomfield, NM 87413	Section 22 Twp 29 Range 11	Oct. 1977	37'	6 3/8" to 28'	28' to 34'
16.	SJ-320	M. Wileman	P.O. Box 503 Bloomfield, NM 87413	NW 1/4, SW 1/4, NW 1/4 Section 22 Twp 29 Range 11	Sept. 1977	38'	6 3/8" steel to 25'	25' to 36'
17.	SJ-1888	G.P. McKeown	P.O. Box 641 Bloomfield, NM 87106 Hwy 64, West- Broadway	NE 1/4, NE 1/4, SE 1/4 Section 21 Twp 29 Range 11	Sept. 1984	47'	7" steel to 38'	38' to 40'

TABLE 1  
 WATER WELLS WITHIN ONE MILE RADIUS  
 BLOOMFIELD REFINING COMPANY  
 BLOOMFIELD, NEW MEXICO  
 (Continued)

	PERMIT NUMBER	WELL OWNER	ADDRESS	LOCATION	DATE	TOTAL DEPTH	CASING	SCREEN
18.	HC-124885	S.C. Byland	303 Chestnut, P.O. Box 11 Bloomfield, NM 87413, Lot 9, Blk 4, Wade Grand View Subdivision	NE 1/2 Section 21 Twp 29 Range 11-W	May 1985	65'	7" steel to 50'	50' to 55'
19.	SJ-1962	J.Cadvain	P.O. Box 649 Bloomfield, NM 87413	NW 1/4, NW 1/4 Section 24 Twp 24 Range 11-W	Apr. 1985	45'	7" steel to 36'	36' to 39'
20.	SJ-2138	M. Gilbert	309 S.Johnson Bloomfield, NM 87413, Lot 6, Blk 5, Turner No.2	NE 1/4, SE 1/4 Section 22 Twp 29 N Range 11-W	June 1987	40'	7" steel to 35'	35' to 39'
21.	SJ-804	C.J. Dunson	Star Route 3 Box 142-B Bloomfield, NM 87413	W 1/4 Section 25 Twp 29 N Range 11-W	Oct. 1978	37'	6" to 37'	<i>None</i>
22.	SJ-1974	A.R. Carpenter	700 South Turner Box 16 Bloomfield, NM 87413, Lot 2, Blk 4, Southside Add	Section 22 Twp 29 N Range 11-W	June 1985	47'	6" steel to 27' 5" PVC	27' to 31' 30' to 47'