Confidential Claim Retracted

Authorized by: SC

Date: 6/26/13

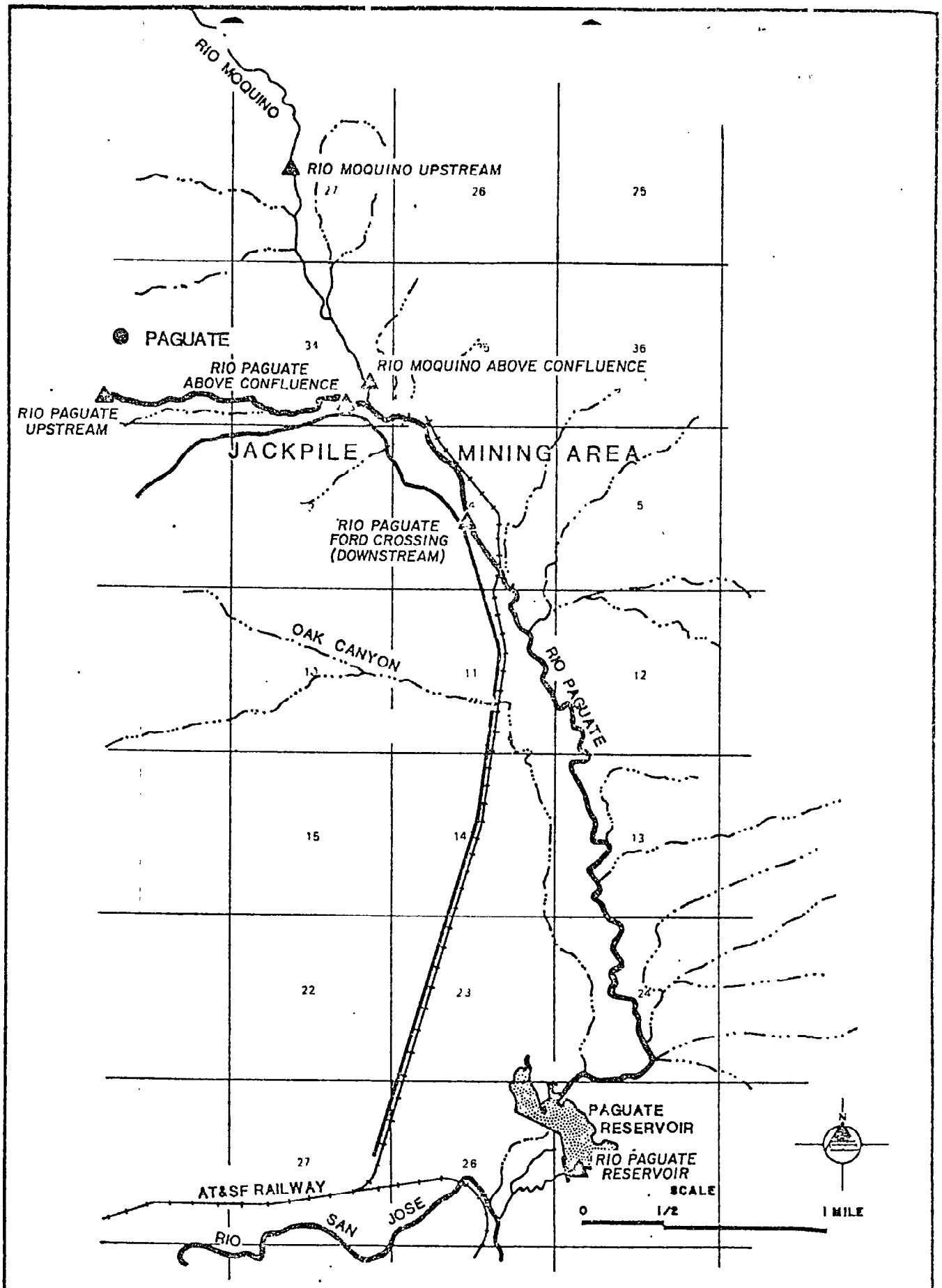
AIR QUALITY MONITORING PROGRAM

One 48-hour sample is taken each month at each of the four locations specified by Marc Nelson. They are collected about three meters above the ground on Whatman 41 filter paper, using a PAC Heavy-duty Sampler.

AMBIENT RADON STUDY

One 48-hour sample is collected at each of the air sampling locations as specified by Marc Nelson. These samples are collected about one meter above the ground in 30-liter Tedlar bags, using a modified acquarium pump. The samples are transported to the Environmental Laboratory, transferred to a scintillation cell, and counted.

9404205



LOCATION OF
SURFACE WATER MONITORING STATIONS

DAMES & MOORE

JACKPILE - AIR SAMPLING SURVEY

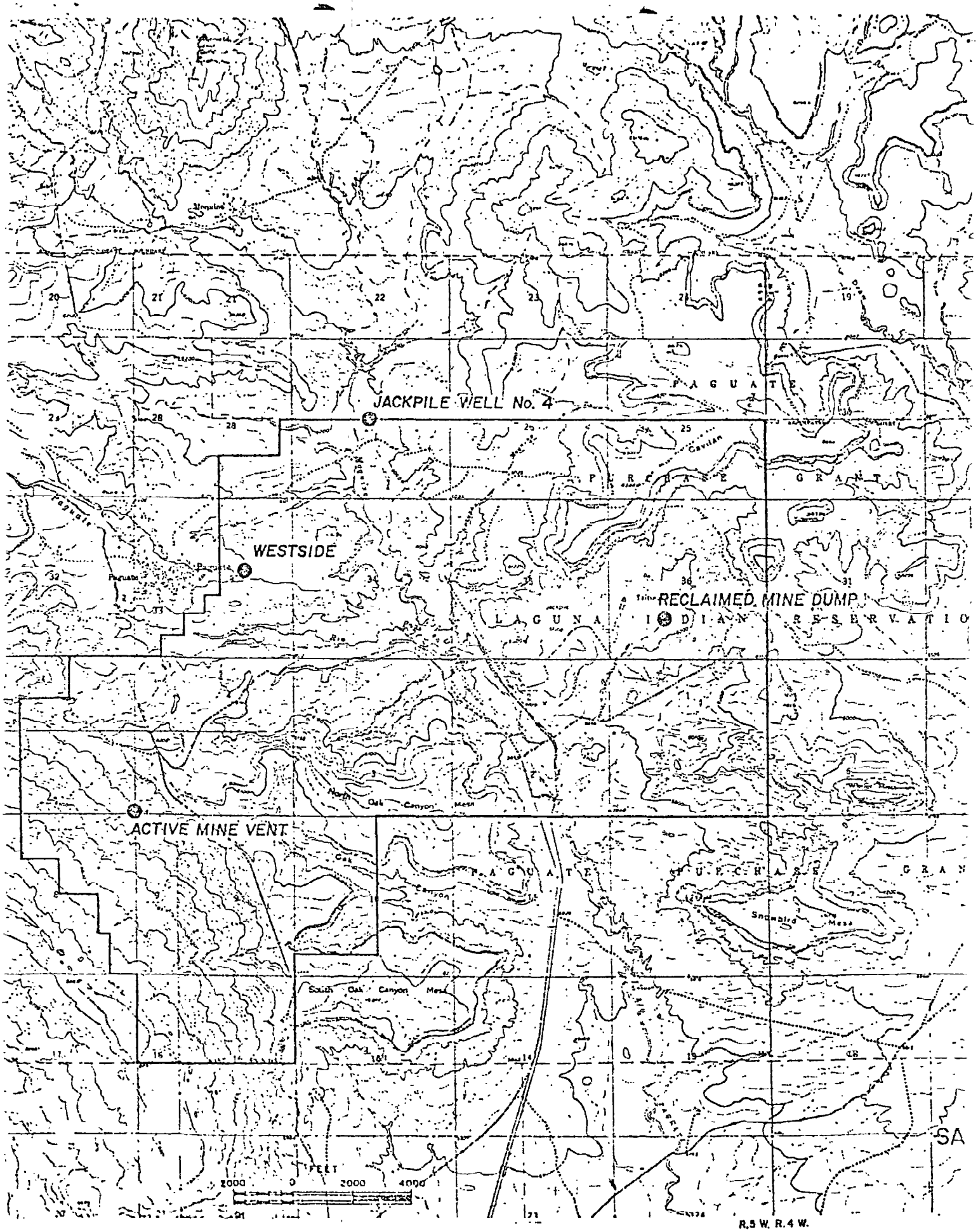
FOURTH QUARTER, 1979

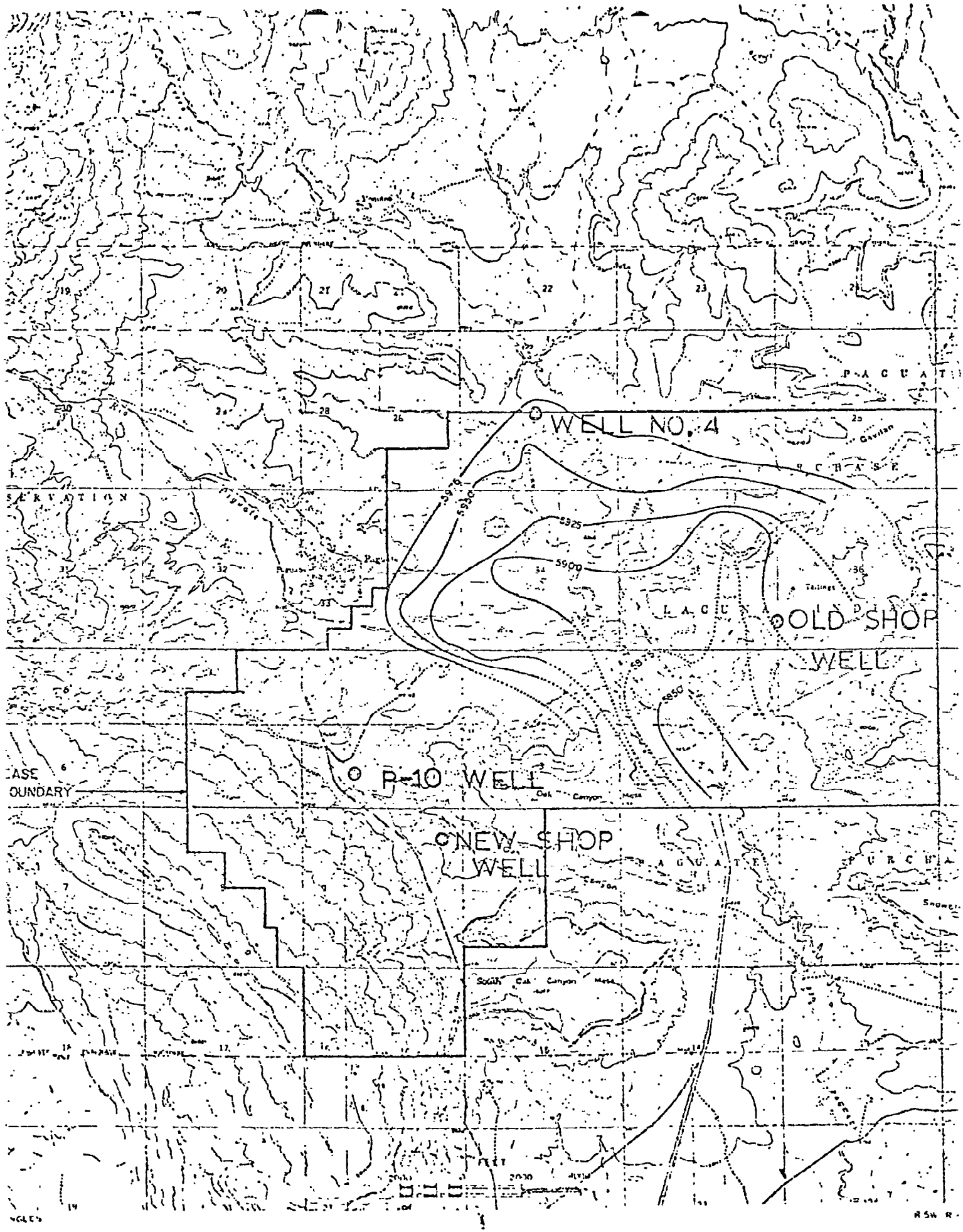
LOCATION	DATE	Total Particulate $mg/M^3 \times 10^{-8}$	U-Nat. $uci/ml \times 10^{-15}$	Ra-226 $uci/ml \times 10^{-15}$	Th-230 $uci/ml \times 10^{-15}$	Pb-210 $uci/ml \times 10^{-15}$
1. Dump F	10/79	17.10	20.64	2.77	0.28	42.95
	11/79	0.23	16.55	1.08	2.94	23.20
	12/79	17.25	9.46	2.65	1.49	33.20
2. Mine Vent	10/79	1.80	12.48	0.75	1.17	14.24
	11/79	0.68	47.54	1.60	4.61	28.08
	12/79	1.49	2.82	0.42	0.42	7.31
3. West Gate	10/79	9.47	15.73	4.25	4.10	36.06
	11/79	NS	NS	NS	NS	NS
	12/79	1.04	8.25	5.07	3.19	23.17
4. Well #4	10/79	6.35	24.33	23.88	3.37	36.73
	11/79	3.00	16.48	0.98	2.28	24.47
	12/79	7.15	6.31	1.64	5.97	16.59

JACKPILE - AMBIENT RADON STUDY

FOURTH QUARTER, 1979

LOCATION	DATE	Rn-222 pCi/l
1. Dump F.	10/79	0.35
	11/79	1.12
	12/79	1.28
2. Mine Vent	10/79	0.46
	11/79	1.56
	12/79	0.56
3. Well #4	10/79	0.55
	11/79	<0.10
	12/79	0.64
4. Westgate	10/79	0.27
	11/79	<0.10
	12/79	0.58


JACKPILE WELL No. 4
WESTSIDE
RECLAIMED MINE DUMP
ACTIVE MINE VENT
PAGUATE
PURCHASE GRANT
LAGUNA INDIAN RESERVATIO
North Oak Canyon Mesa
South Oak Canyon Mesa
Snowbird Mesa
FEET
2000 0 2000 4000
R.5 W. R.4 W.


WELL NO. 4
OLD SHOP WELL
P-10 WELL
NEW SHOP WELL
5975
5950
5925
5900
5850
Oak Canyon Mesa
South Oak Canyon Mesa
FEET