A ACONDA MINERALS COMPANY
NEW MEXICO OPERATION

FOR THE MONTH OF: [illegible]

DESCRIPTION	DATE	Field pH	Field Cond. umhos	Lab Cond umhos	HCO_3 ppm	Cl ppm	SO_4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	NO_3 ppm	F ppm	SiO_2 ppm	Mn ppm	Fe ppm	TDS ppm	Lab pH
Rio Paguate Upstream	4-17-85	8.39	840	941	235	11	214	43	5	95	47	< 1.0	0.37	33	0.15	.06	684	8.24
Rio Moquino Upstream	4-17-85	8.31	1500	1730	239	11	750	136	7	129	86	< 1.0	0.44	20	.05	.02	1400	8.27
Rio Paguate above Confluence	4-17-85	8.37	910	984	267	12	262	53	6	90	53	< 1.0	0.41	31	.06	.08	736	8.33
Rio Moquino above Confluence	4-17-85	8.19	1700	1890	223	13	900	154	8	132	102	< 1.0	0.52	20	.05	.02	1610	8.22
Rio Paguate @ Ford Crossing	4-17-85	8.26	1600	1730	239	15	800	158	8	120	97	< 1.0	0.51	23	.07	.02	1500	8.30
Paguate Reservoir	4-17-85	7.48	1150	1300	216	13	530	100	8	91	54	< 1.0	0.44	17	.09	.07	972	8.03

	DATE	Zn ppm	Pb ppm	Ni ppm	Se ppm	Ba ppm	Cu ppm		U-Nat mg/l	Ra-226 pCi/l
Rio Paguate Upstream	4-17-85	< .10	<.01	<.10	<.01	.10	.06		.001	<0.10
Rio Moquino Upstream	4-17-85	<.10	<.01	<.10	<.01	<.10	<.01		.003	0.14
Rio Paguate above Confluence	4-17-85	< .10	<.01	<.10	<.01	.10	<.01		.022	0.50
Rio Moquino above Confluence	4-17-85	<.10	<.01	<.10	<.01	<.10	<.01		.009	0.25
Rio Paguate @ Ford Crossing	4-17-85	<.10	<.01	<.10	<.01	<.10	<.01		.048	0.54
Paguate Reservoir	4-17-85	<.10	<.01	<.10	<.01	<.10	<.01		.042	0.34

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POL-EPA01-0004616

Confidential Claim Retracted

AUTHORIZED BY: [illegible]

DATE: 5/16/13

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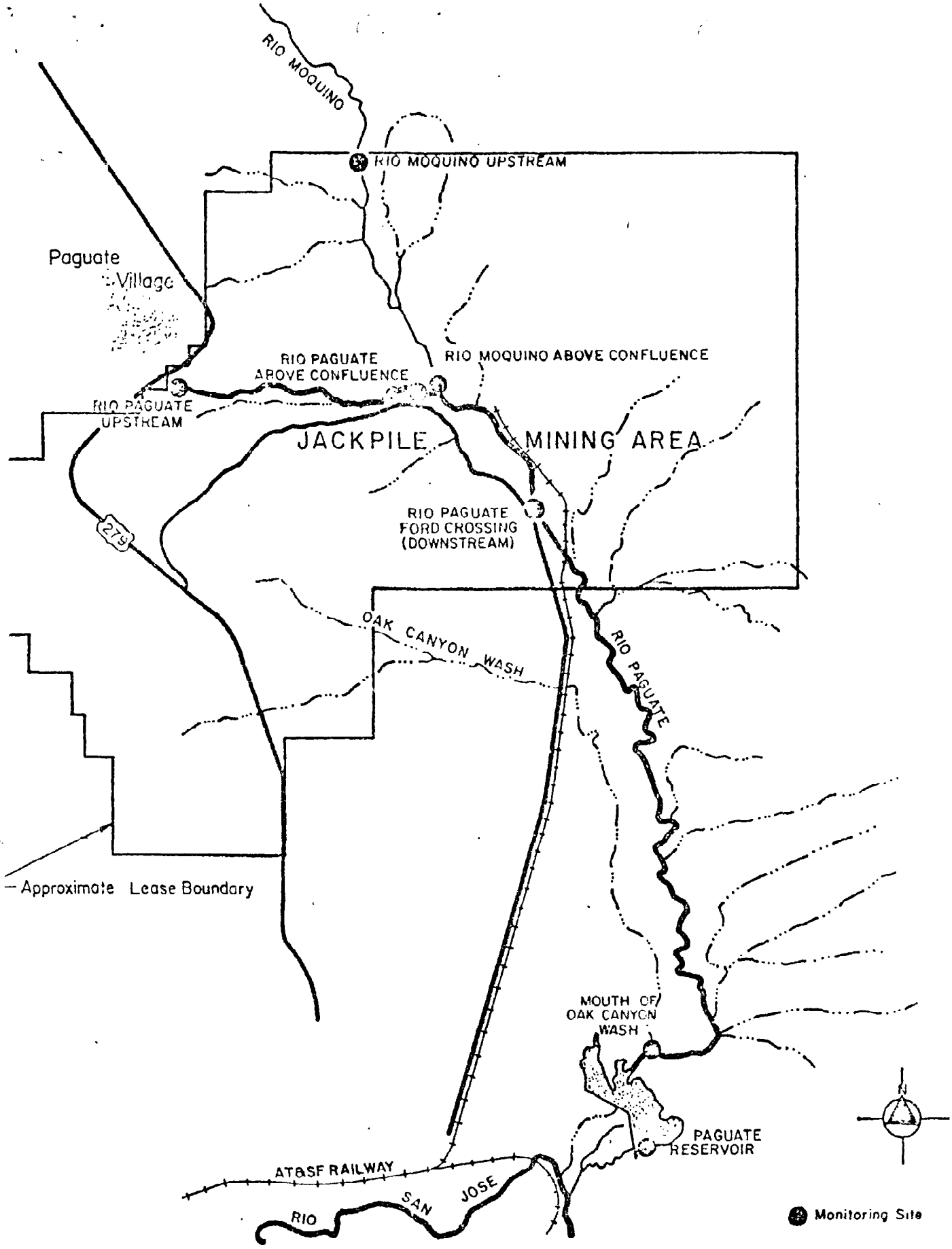

LOCATION OF
SURFACE WATER MONITORING STATIONS

Anaconda Minerals Company
New Mexico Operations

JACKPILE GROUNDWATER--ANNUALLY & 2nd Qtr 1985

DESCRIPTION	DATE	WATER LEVEL	pH	ELECT. COND.	HCO_3 ppm	CO_3 ppm	Cl ppm	SO_4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	Mn ppm	NO_3 ppm	SiO_2 ppm	TDS ppm	U-Nat mg/L	Ra-226 pCi/L	Temp. °C	Lab pH	Lab Cond	
M-2	4-18-85	5970.77	8.32	1400	375	0	18	384	384	3	6	2	.09	<1.0	7	1020	.001	0.14	15.0	8.23	1610	
M-4	4-18-85	5896.41	7.41	1200	375	0	22	324	181	6	121	49	.14	<1.0	13	848	.003	1.82	15.0	7.82	1280	
M-6	4-18-85	5987.29	8.24	1325	391	0	15	328	354	3	4	2	.04	<1.0	11	912	.001	0.41	16.0	8.26	1450	
M-10	4-18-85	5959.06	7.71	1800	373	0	16	705	360	6	48	30	.17	<1.0	10	1250	.067	7.40	16.5	7.98	1950	
M-14	4-18-85	5940.12	8.74	620	297	23	2	38	180	1	2	1.0	<.01	<1.0	11	412	<.001	<0.20	16.0	8.78	689	
M-16	4-18-85	5908.16	7.51	860	350	0	6	157	215	2	21	8	.16	<1.0	10	572	.045	0.39	17.5	8.08	952	
"B"	4-18-85	5976.42	6.10	6625	214	0	27	4260	1680	21	439	203	3.83	<1.0	18	7560	.003	1.23	18.0	6.55	8110	
"C"	4-18-85	5929.78	6.52	3300	340	0	36	2460	220	11	576	330	1.87	<1.0	8	4330	1.486	3.82	14.0	7.09	4330	
"D"	4-18-85	5845.75	8.62	5150	1072	9	11	2660	1524	15	57	44	.09	<1.0	6	4460	.634	1.14	14.0	8.34	6490	

DESCRIPTION	DATE	As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Pb ppm	Hg ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm	Co ppm	Mo ppm	Ni ppm	V ppm	PO_4 ppm		
M-2	4-18-85	<.01	<.10	<.001	<.01	1.03	<.01	.0005	<.01	<.01	<.01	.01	<.01	<.10	.60	<.01	<.01	<.10	<.01	<1.0		
M-4	4-18-85	<.01	<.10	<.001	<.01	.053	<.01	.0006	<.01	<.01	<.01	.22	<.10	<.10	.20	<.01	<.01	<.10	<.01	<1.0		
M-6	4-18-85	<.01	<.10	<.001	<.01	1.04	<.01	.0006	<.01	<.01	<.01	.26	<.10	<.10	.60	<.01	<.01	<.10	<.01	<1.0		
M-10	4-18-85	<.01	<.10	<.001	<.01	0.93	<.01	<.0004	<.01	<.01	<.01	<.01	<.10	<.10	.50	<.01	<.01	<.10	<.01	<1.0		
M-14	4-18-85	<.01	<.10	<.001	<.01	0.89	<.01	<.0004	<.01	<.01	<.01	.10	<.10	<.10	.20	<.01	<.01	<.10	<.01	<1.0		
M-16	4-18-85	<.01	<.10	<.001	<.01	.87	<.01	.0005	<.01	<.01	<.01	<.01	<.10	<.10	.30	<.01	<.01	<.10	<.01	<1.0		
"B"	4-18-85	<.01	<.10	.003	<.01	.13	<.01	.0006	<.01	<.01	<.01	48	.30	<.10	1.5	.13	<.01	<.10	<.01	<1.0		
"C"	4-18-85	<.01	<.10	<.001	<.01	.22	<.01	<.0004	.02	<.01	<.01	5.5	<.10	<.10	.50	<.01	<.01	<.10	<.01	<1.0		
"D"	4-18-85	<.01	<.10	.004	<.01	.18	<.01	<.0004	<.01	<.01	<.01	.03	<.10	<.10	.50	<.01	<.01	<.10	<.01	<1.0		

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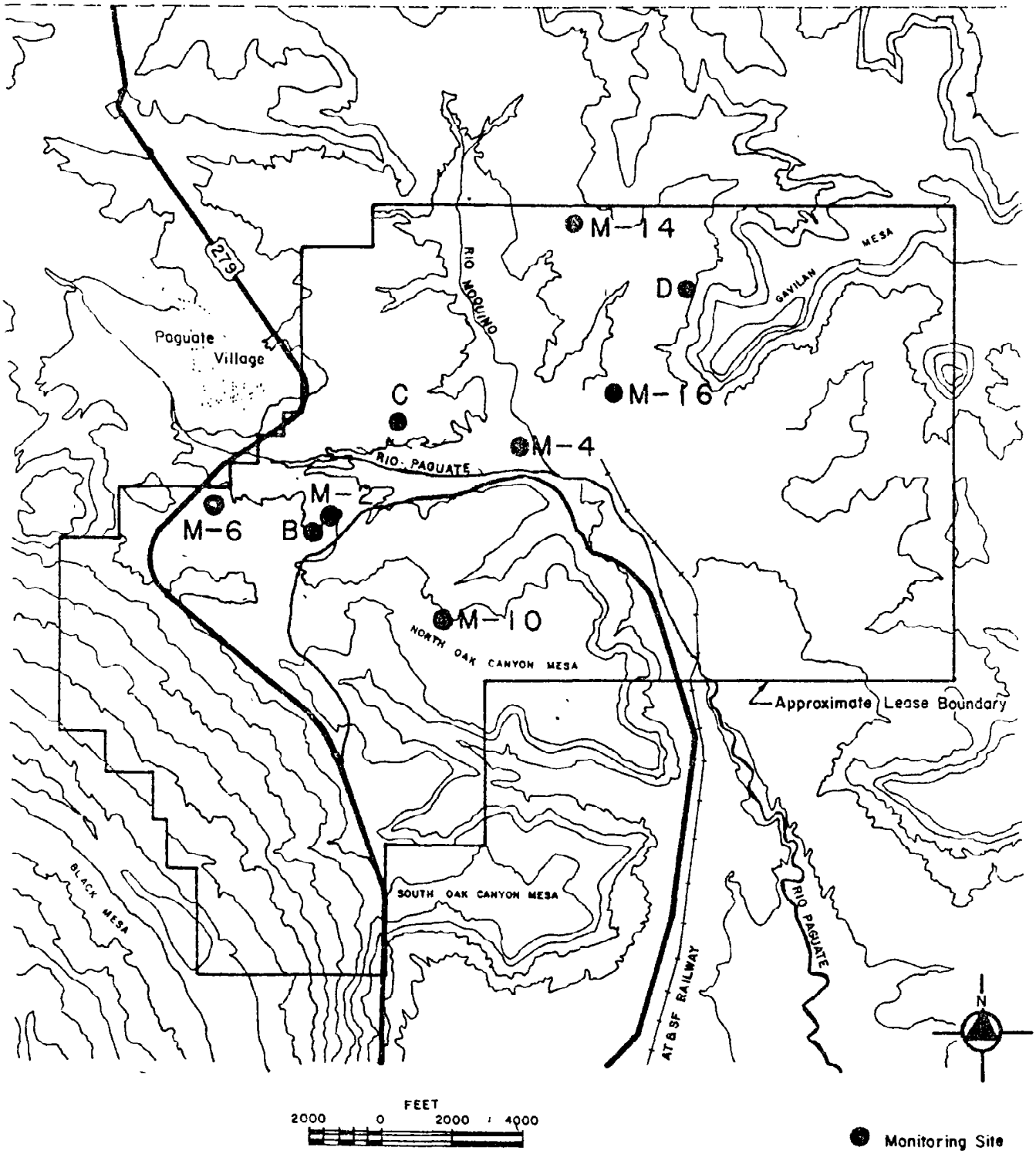
LOCATION OF GROUND WATER MONITORING STATIONS



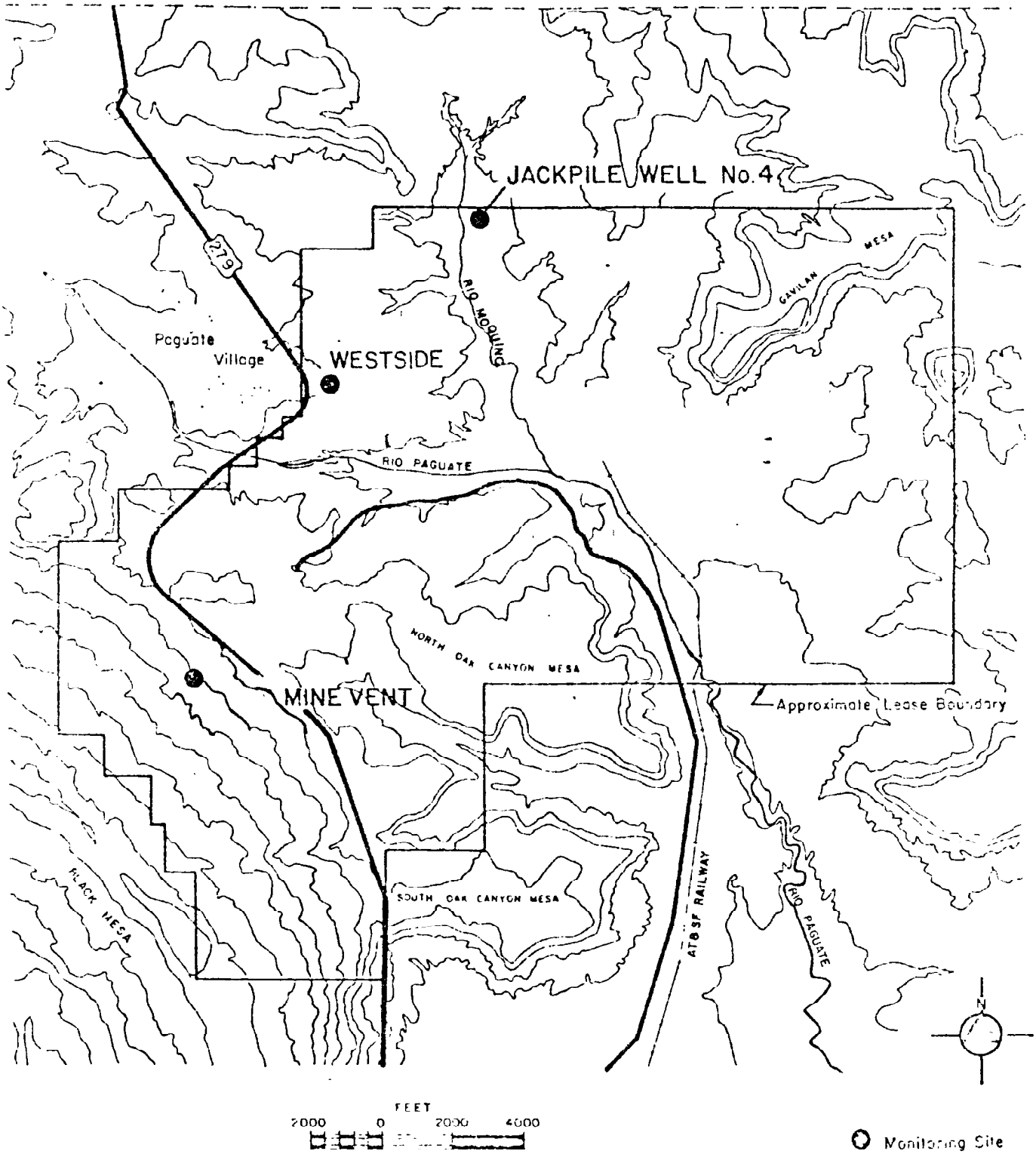
JACKPILE - AIR SAMPLING SURVEY

SECOND QUARTER, 1985

LOCATION	DATE	TOTAL PARTICULATE ugm/M^3	U-Nat. uCi/mlx10-15	Ra-226 uCi/mlx10-15	Th-230 uCi/mlx10-15	Pb-210 uCi/mlx10-15
1. P-10 Area	04/85	22.32	0.20	0.38	0.87	24.80
2. West Gate	04/85	27.83	0.32	0.26	1.16	18.82
3. Well #4	04/85	24.61	0.22	0.45	0.51	25.62

JACKPILE-AMBIENT RADON SURVEY

SECOND QUARTER, 1985

LOCATION	DATE	Rn-222 pCi/L
1. P-10 Area	4/85	1.12
	5/85	1.48
	6/85	1.18
2. Westgate	4/85	<0.20
	5/85	<0.20
	6/85	<0.20
3. Well #4	4/85	1.13
	5/85	0.93
	6/85	1.22

LOCATION OF
AIR QUALITY MONITORING STATIONS