ANACONDA MINERALS COMPANY
NEW MEXICO OPERATION

FOR THE MONTH OF: 1/85

DESCRIPTION	DATE	Field pH	Calc. TDS ppm	Field 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	Lab pH	Lab Cond uohms
Rio Paguate Upstream	1-7-85	8.17	592	620	285	10	146	34	5	79	32	<1.0	0.33	43	.061	7.59	724
Rio Moquino Upstream	1-7-85	8.40	1387	1700	317	13	679	136	7	155	79	<1.0	0.47	26	0.055	7.81	1780
Rio Paguate above Confluence	1-7-85	8.61	636	700	283	10	180	41	5	80	36	<1.0	0.36	38	.037	7.56	791
Rio Moquino above Confluence	1-7-85	8.65	1510	1800	325	14	763	152	7	161	87	<1.0	0.50	24	.047	7.76	1910
Rio Paguate @ Ford Crossing	1-7-85	8.32	1357	1700	310	13	666	134	7	143	82	<1.0	0.49	27	.047	7.81	1720
Paguate Reservoir	1-7-85	7.27	1446	1800	305	24	712	154	12	165	73	<1.0	0.56	20	0.12	7.20	1820

	DATE	As ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm	Cu ppm	Fe ppm	Zn ppm	Mo ppm	Ni ppm	V ppm	U-nat mg/L	Ra-226 pCi/L
Rio Paguate Upstream	1-7-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.015	.015	.005	<.01	<.005	<.05	.0010	0.18
Rio Moquino Upstream	1-7-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.004	<.005	.002	<.01	<.005	<.05	.0041	0.17
Rio Paguate above Confluence	1-7-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.011	.005	.007	<.01	<.005	<.05	.0125	0.44
Rio Moquino above Confluence	1-7-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.008	<.005	.002	<.01	<.005	<.05	.0109	0.35
Rio Paguate @ Ford Crossing	1-7-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.008	<.005	.008	<.01	<.005	<.05	.0346	0.44
Paguate Reservoir	1-7-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.005	.023	.004	<.01	<.005	<.05	.1082	0.38

CONFIDENTIAL POL-EPA01-0004624

Confidential Claim Retracted

AUTHORIZED BY: SL

DATE: 5/16/13

9404139

ANACONDA MINERALS COMPANY
NEW MEXICO OPERATION

FOR THE MONTH OF: 2/85

DESCRIPTION	DATE	Field pH	Calc. TDS ppm	Field 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	Lab pH	Lab Cond uohms
Rio Paguate Upstream	2-4-85	8.15	535	540	264	11	124	31	6	72	26	<1.0	0.33	44	.062	7.59	668
Rio Moquino Upstream	2-4-85	8.03	1344	1380	359	14	610	128	9	148	73	2	0.52	28	.039	7.74	1590
Rio Paguate above Confluence	2-4-85	8.28	600	570	281	12	153	36	6	78	32	<1.0	0.35	42	.034	7.79	719
Rio Moquino above Confluence	2-4-85	7.94	1398	1300	329	14	681	143	9	144	76	1.6	0.53	28	.031	7.81	1640
Rio Paguate @ Ford Crossing	2-4-85	8.07	1120	1100	312	14	497	105	8	121	61	<1.0	0.48	33	.041	7.81	1360
Paguate Reservoir	2-4-85	7.25	1365	1400	288	23	684	142	12	137	77	<1.0	0.54	23	.017	7.38	1640

	DATE	As ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm	Cu ppm	Fe ppm	Zn ppm	Mo ppm	Ni ppm	V ppm	U-nat mg/L	Ra-226 pCi/L
Rio Paguate Upstream	2-4-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.007	.013	.006	<.01	<.005	<.05	.0018	0.16
Rio Moquino Upstream	2-4-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.006	.005	.004	<.01	<.005	<.05	.0043	0.20
Rio Paguate above Confluence	2-4-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.006	.006	.004	<.01	<.005	<.05	.0120	0.34
Rio Moquino above Confluence	2-4-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.006	<.005	.003	<.01	<.005	<.05	.0072	0.29
Rio Paguate @ Ford Crossing	2-4-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.006	.006	.003	<.01	<.005	<.05	.0349	0.69
Paguate Reservoir	2-4-85	<.005	<.05	<.001	<.05	<.01	<.0005	<.005	.007	.016	.003	<.01	<.005	<.05	.0647	0.53

CONFIDENTIAL

ANACONDA MINERALS COMPANY
NEW MEXICO OPERATION

FOR THE MONTH OF: March 1985

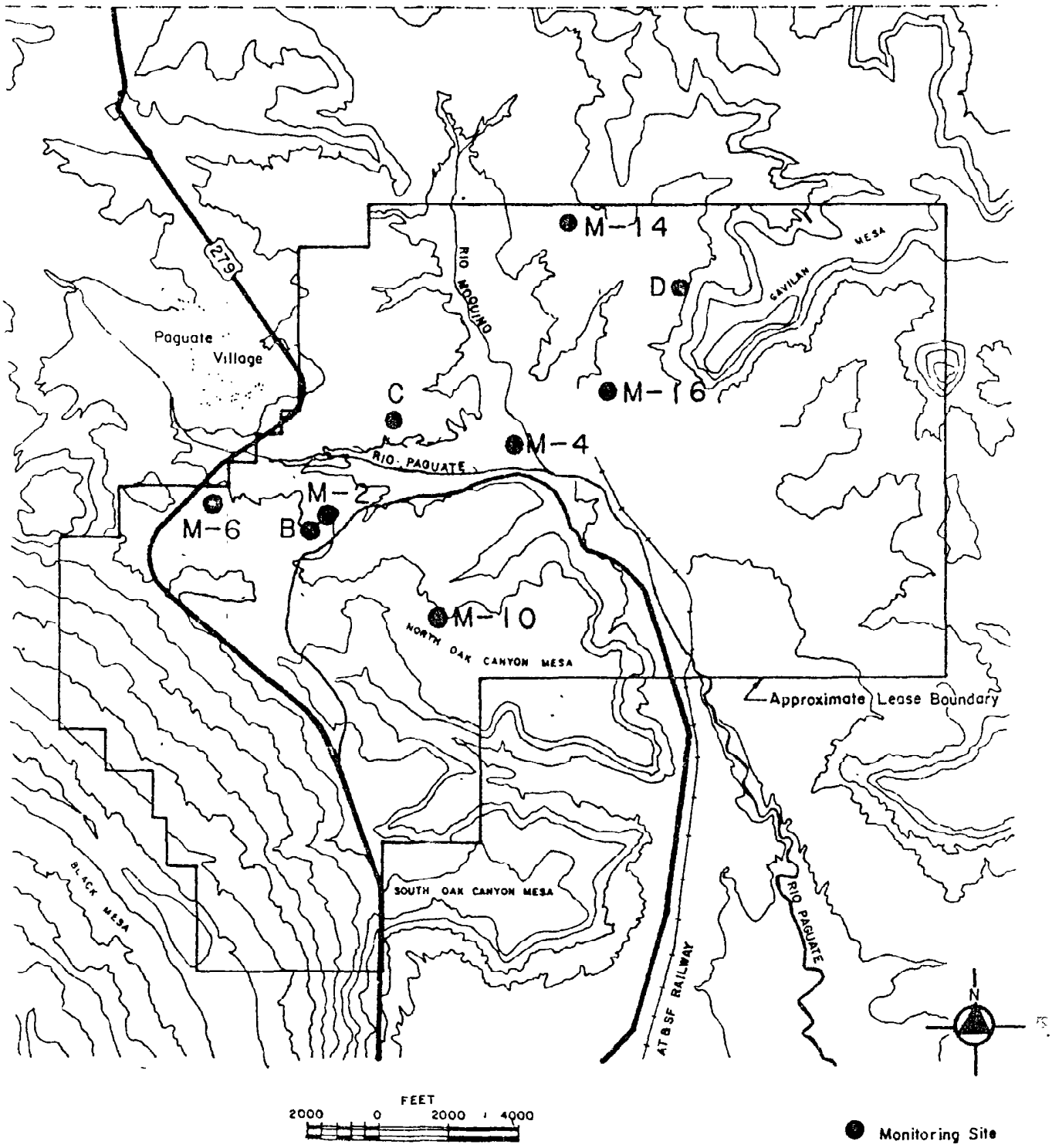
DESCRIPTION	DATE	Field pH	TDS ppm	Field Cond umhos	HCO_3^- ppm	Cl^- ppm	SO_4^- ppm	Na^+ ppm	K^+ ppm	Ca^{++} ppm	Mg^{++} ppm	NO_3^- ppm	F^- ppm	SiO_2 ppm	Mn^{++} ppm	Lab pH	Lab Cond uohms
Rio Paguate Upstream	03-04-85	8.04	431	410	203	8	107	23	5	63	21	<1.0	0.26	36	.045	7.46	527
Rio Moquino Upstream	03-04-85	8.20	657	675	220	8	250	61	5	80	32	<1.0	0.34	28	.049	7.48	811
Rio Paguate above Confluence	03-04-85	8.34	371	370	171	7	96	21	4	52	18	<1.0	0.26	30	.031	7.10	463
Rio Moquino above Confluence	03-04-85	8.34	693	690	207	8	294	65	5	77	36	<1.0	0.35	26	.035	7.16	854
Rio Paguate @ Ford Crossing	03-04-85	7.87	586	590	183	7	238	51	5	69	31	<1.0	0.31	26	.030	7.25	733
Paguate Reservoir	03-04-85	7.62	363	400	129	9	130	29	4	44	17	<1.0	0.34	17	.020	7.06	463

	DATE	As ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm	Cu ppm	Fe ppm	Zn ppm	Mo ppm	Ni ppm	V ppm	U-nat mg/L	Ra-226 pCi/L
Rio Paguate Upstream	03-04-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.008	.031	.010	<.01	.010	<.05	.0012	0.20
Rio Moquino Upstream	03-04-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.009	.016	.005	<.01	<.005	<.05	.0013	0.28
Rio Paguate above Confluence	03-04-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.010	.060	.007	<.01	.006	<.05	.0087	0.64
Rio Moquino above Confluence	03-04-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.008	.016	.005	<.01	<.005	<.05	.0031	0.49
Rio Paguate @ Ford Crossing	03-04-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.009	.020	.006	<.01	.005	<.05	.0148	0.69
Paguate Reservoir	03-04-85	<.005	<.05	<.001	<.005	<.01	<.0005	<.005	.010	.039	.007	<.01	.006	<.05	.0150	0.34

CONFIDENTIAL

POL-EPA01-0004626

LOCATION OF GROUND WATER MONITORING STATIONS



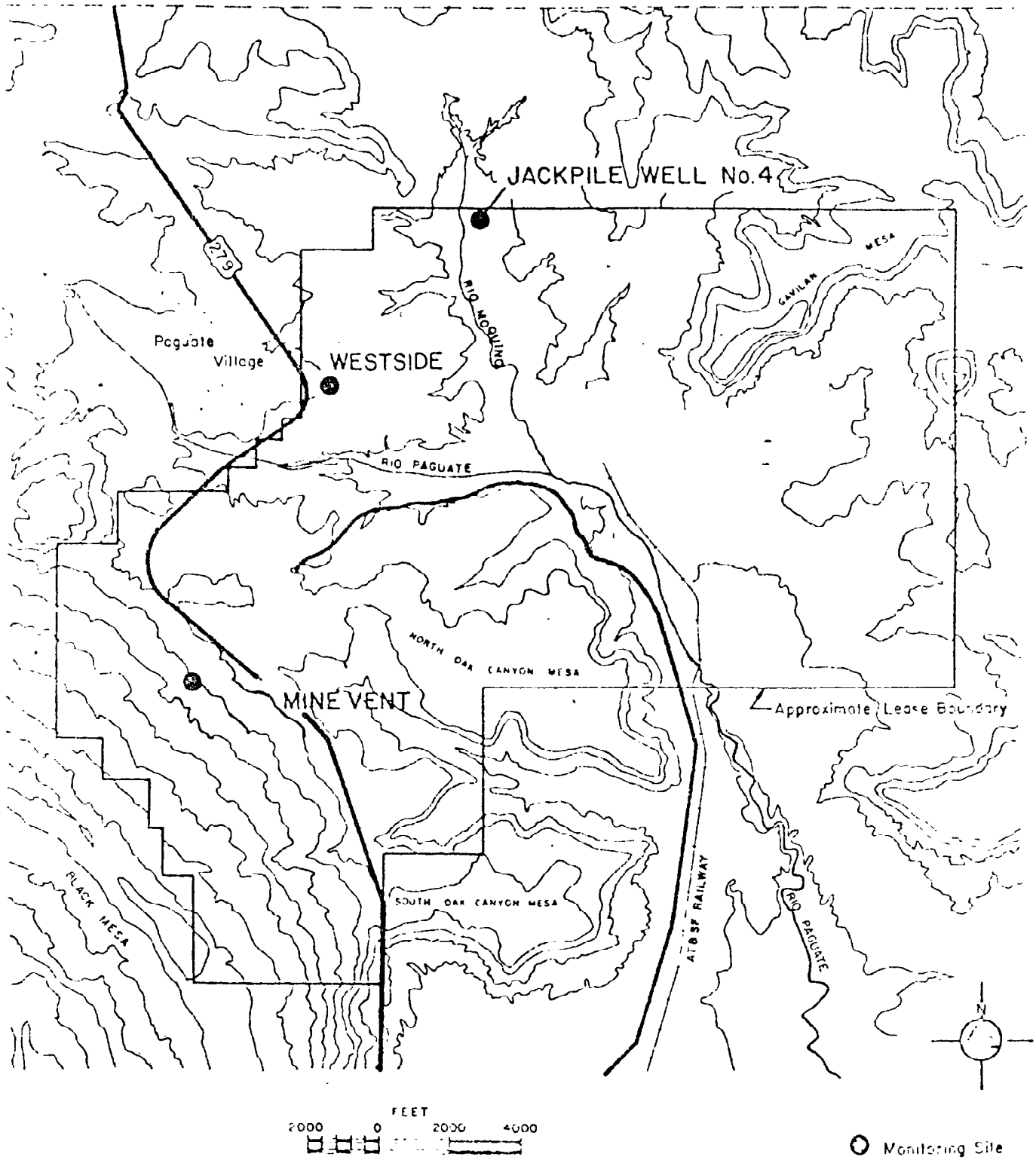
ANACONDA MINERALS COMPANY
NEW MEXICO OPERATION

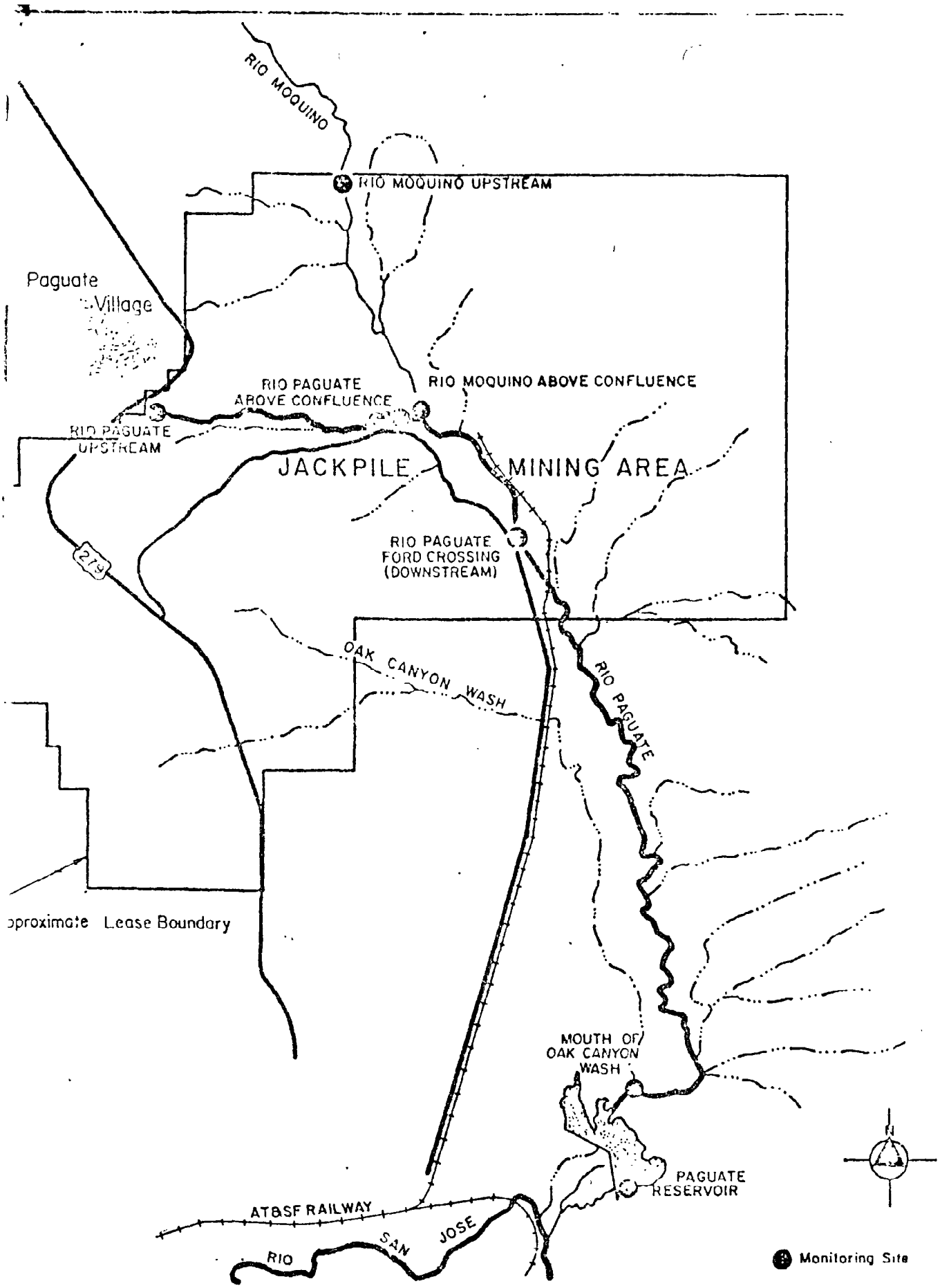
FOR THE MONTH OF First Quarter 1985

DESCRIPTION	DATE	WATER LEVEL (Feet)	FIELD pH	FIELD TEMP °C	FIELD ELEC CPMD	mg/l TDS DRIED	SO_4 mg/l	U-Nat mg/l	Ra-226 pCi/L	LAB pH	LAB E.C.
M-2	1-17-85	5971.10	8.06	15	1600	984	453	.0032	0.23	8.10	1670
M-4	1-21-85	5896.55	7.65	14	1200	824	356	.0046	1.58	7.79	1340
M-6	1-21-85	5985.87	8.14	15.5	1300	840	345	.0012	0.43	8.16	1460
M-10	1-17-85	5959.30	7.85	16	2000	1280	684	.0640	5.53	8.15	2030
M-14	1-18-85	5941.17	8.73	16	615	344	40	.0002	0.38	8.36	675
M-16	1-18-85	5908.26	7.39	17.5	880	532	151	.1017	0.42	8.07	961
"B"	1-17-85	5977.31	6.00	18	7500	7284	5029	.0072	2.04	7.57	8160
"C"	1-21-85	5929.97	6.45	13	3500	3864	2506	1.887	3.41	7.37	4050
"D"	1-21-85	5844.99	7.21	14	5300	4864	2658	1.166	2.34	8.01	6390

CONFIDENTIAL

LOCATION OF
AIR QUALITY MONITORING STATIONS





LOCATION OF
SURFACE WATER MONITORING STATIONS

JACKPILE - AIR SAMPLING SURVEY

FIRST QUARTER, 1985

LOCATION	DATE	TOTAL PARTICULATE µgm/M^3	U-Nat. µCi/mlx10-15	Ra-226 µCi/mlx10-15	Th-230 µCi/mlx10-15	Pb-210 µCi/mlx10-15
1. P-10 Area	01/85	7.84	0.346	0.196	1.293	38.33
	02/85	6.41	0.353	0.373	1.052	23.53
	03/85	49.86	0.113	0.310	0.828	*
2. West Gate	01/85	17.48	0.227	0.175	0.906	31.06
	02/85	12.30	0.460	0.518	0.330	20.07
	03/85	45.38	0.331	0.276	0.487	*
3. Well #4	01/85	10.34	0.334	0.202	1.191	29.62
	02/85	6.61	0.673	0.340	1.070	18.88
	03/85	36.02	0.214	0.270	0.265	*

* These results will be forwarded to you as soon as we receiv: them.

JACKPILE-AMBIENT RADON SURVEY

FIRST QUARTER, 1985

LOCATION	DATE	Rn-222 pCi/L
1. P-10 Area	1/85	<.20
	2/85	0.53
	3/85	0.43
2. Westgate	1/85	0.389
	2/85	0.143
	3/85	0.22
3. Well #4	1/85	<.20
	2/85	0.204
	3/85	0.99

ANACONDA Minerals Com y
New Mexico Operations
P.O. Box 638
Grants, New Mexico 87020
Telephone 505 876 2211

April 22, 1985

Mineral Staff
Rio Puerco Resource Area
Bureau of Land Management
3556 Pan American Freeway NE
P. O. Box 6770
Albuquerque, New Mexico 87107

Gentlemen:

Following are the Pb-210 results of Air Sampling Survey for Anaconda's former Jackpile Minesite Leases for the frst quarter, 1985.

Location	Date	Pb-210 uCi/ml x 10-15
P-10 Area	03/85	33.11
West Gate	03/85	24.68
J.P. Well #4	03/85	26.50

This completes the first quarter report for 1985.

Sincerely,

Natver Patel

Natver Patel
Staff Chemist

jn

pc: MAS
CDW
CES