HIP - 24

GENERAL CORRESPONDENCE

YEAR(S): 1994

El Paso Natural Gas Company
3801 Atrisco, Blvd. NW
Albuquerque, NM 87120
(505) 831-7763

VIA FEDERAL EXPRESS MAIL AIR BILL NO. 2647045446

May 5, 1994

Chris Eustice
NM Oil Conservation Division
State Land Office Bldg., Room 206
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Re: Request for Permit to Discharge Hydrostatic Test Water

Dear Chris:

As required by the NM WQCC Regulations, EPNG is seeking a permit to discharge approximately 500,000 gallons of hydrostatic test water from brand new pipe onto farmland owned and operated by ARCO at their Bluewater Mill site (formerly known as the Anaconda Uranium Mill). EPNG has decided to relocate approximately 3 miles of its 30-inch, 1300 Pipeline (San Juan Crossover Line) around ARCO's reclamation site.

The following information is provided for your review in accordance with NMOCD's Guidelines for Hydrostatic Test Dewatering (revision 5/89) for New Pipelines, section 2.

a) Map showing location of the pipelines to be tested; Tab 1 includes two maps showing the area and location of discharge. DWG No. B-4 and DWG No. 1300.0-68 (latest version with new alignment).

b) Description of test; 1. EPNG will complete construction of the pipeline (string all segments together). 2. Backfill pipeline ditch. 3. Fill pipeline with water from ARCO wells ANA #3 and ANA #4. 4. Hydrostatic test new pipeline in accordance with DOT - Pipeline Safety procedures. 5. Upon passing all DOT tests, water will either be truck-hauled to the farmland or transported via pipe for irrigation purposes. In both cases, an energy dissipation device will be used to mitigate soil erosion at the point of discharge. 6. EPNG proposes to perform an oil & grease and general chemistry analysis at three points during the discharge [beginning, middle and end].

c) Source and analysis of test water; Attached in tab 2.

d) Point of discharge of the test water; see map within tab 1. NE/4 of SW/4 of Section 19, Township 12 North, Range 10 West, NMPM in Cibola County, New Mexico. Near Grants, NM.

e) Method and location for collection and retention of fluids and solids; Because of substantial experience on dewatering from brand new pipe, EPNG does not anticipate any degradation of the source water with hydrocarbons, solids or other foreign substances. All test water will be transported (via truck or pipe) directly from the pipeline to the irrigation ditch. Chemical

composition analysis will be performed at three points throughout the dewatering period. Once the hydrostatic test dewatering is complete, the segment of pipeline destined to be retired will be blown down, cut at two points and the new segment will be reconnected. See blueline aerial drawing within tab 1.

f) Depth of ground water at discharge and collection/retention site; Depth to ground water ranges from approximately 100 feet to 120 feet depending on the time of year.

g) Proposed method of disposal of fluids and solids after test completion including closure of any pits; All water will be discharged into ARCO's irrigation ditch and then used to irrigate the alfalfa fields (also owned by ARCO). An energy dissipation device will be used to minimize erosion. No temporary pits will be constructed.

h) Identification of landowners at and adjacent to the discharge and collection/retention site; ARCO owns all the property surrounding the farmland. ARCO is currently conducting a large uranium reclamation project that requires that they own sufficient land to buffer their reclamation activities.

i) Written permission from the land owner of the collection/retention site; See the letter enclosed within tab 3.

Lastly, EPNG plans to perform its hydrostatic test during the week of May 22, 1994. If you need additional information, please feel free to contact me at 505/831-7763.

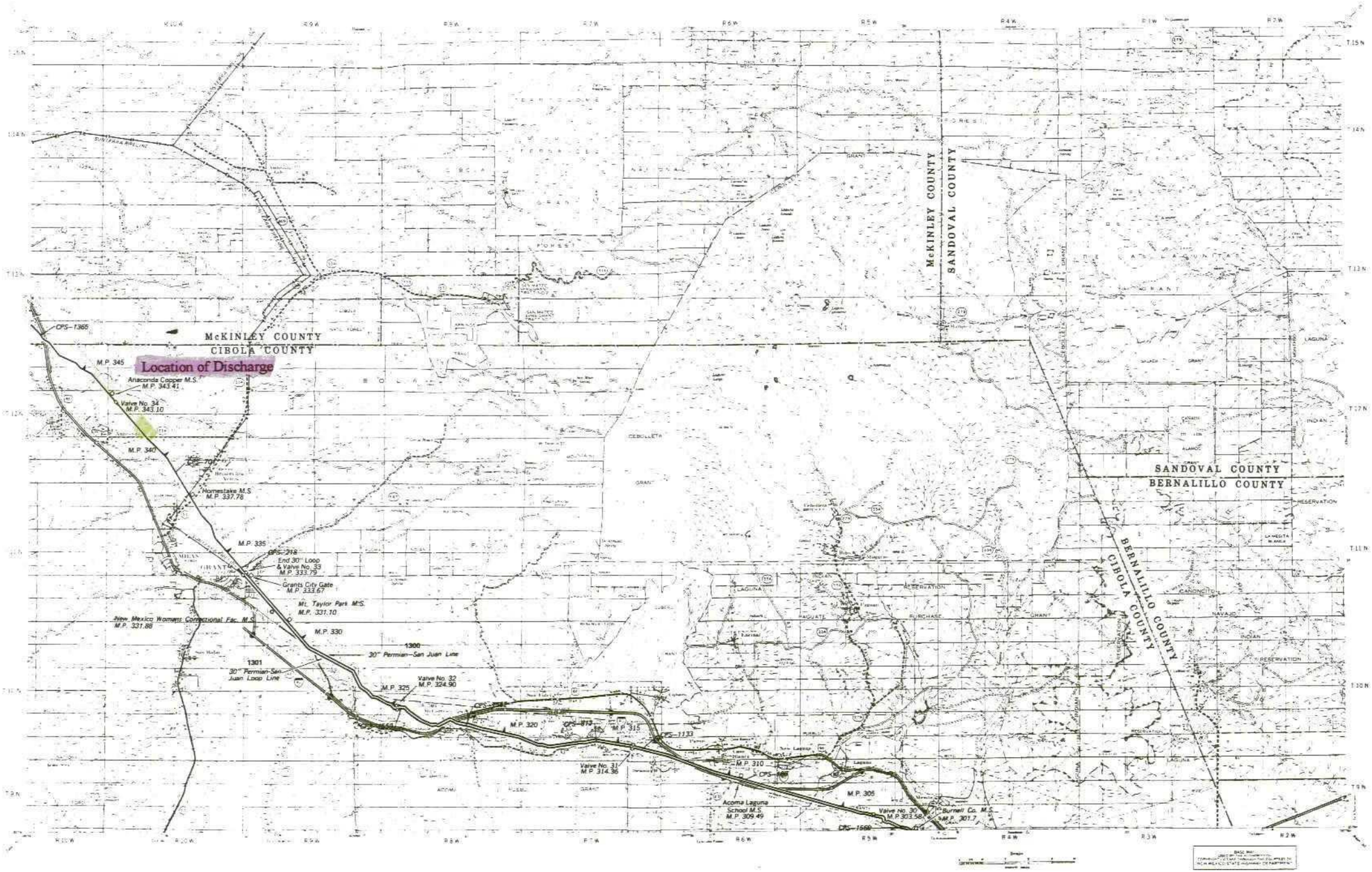
Thank you for your assistance with this request.

Sincerely,

Richard Duarte

Richard Duarte
Senior Engineer
Environmental Compliance Engineering

DOCKET NO'S. CP88-356-000 & G-7670-003
SUPPLEMENT TO JOINT MOTION TO AMEND
FIGURE 1 OF 1



NEW MEXICO

Prepared By

ARCO

Bluewater Mill

Chemical and Radiological Analyses of Ground water

Sample/Well Description: ANA#3
Sample Date: 04-19-93

FIELD DATA

Water level elevation, feet:	6468.97
pH:	7.06
Temp., degree C :	14
Conductivity, uOhms/cm :	1,050

LAB DATA:

		mg/l	me/l
Calcium (Ca)		140	6.986
Magnesium (Mg)		40	3.290
Sodium (Na)		63	2.741
Potassium (K)		5.5	0.141
Molybdenum (Mo)		0.007	0.000
Manganese (Mn)	<	0.005	0.000
Selenium (Se)	<	0.005	0.000
TOTAL CATIONS [sum epm]			13.158

	mg/l	me/l
Bicarbonate (HCO3)	330	5.408
Carbonate (CO3)	0	0.000
Chloride (Cl)	33	0.931
Sulfate (SO4)	290	6.038
Nitrate (NO3)	16.4	0.264
TOTAL ANIONS [sum epm]		12.640

The anion-cation balance (Total anion epm/Total cation epm) = 0.96

Total dissolved solids (TDS): 710 mg/l

Radionuclide	Concentration uCi/ml	Error Estimate uCi/ml	LLD uCi/ml
U-nat	7.4E-09	3.0E-10	2.0E-10

ARCO
Bluewater Mill
Post Office Box 638
Grants, New Mexico 87020
Telephone 505 876 2211
Facsimile 505 876 2772

May 3, 1994

Richard Duarte
Sr. Environmental Compliance Engineer
El Paso Natural Gas Company
3801 Atrisco Blvd., NW
Albuquerque, New Mexico 87120

Dear Richard:

Attached is the general chemistry analyses you requested in your April 20, 1994 letter for the water source to be used for hydrostatic testing of the newly installed gas pipeline at the Bluewater Mill Site. Water required for the hydrostatic testing may be pumped from ARCO wells ANA #3 and ANA #4.

Following the hydrostatic testing, the water from the 30 inch pipeline is to be transported to the ARCO farm irrigation canal located within the South ¼ of Section 19, Township 12 North, Range 10 West NMPM. This water is to be used for irrigation of this farm. No water shall be discharged onto any ground surface or retention facility other than the ARCO farm. Of course, should any discharge water exceed regulated levels under Federal or State law, El Paso Natural Gas Company must properly dispose of any such water and remedy any spill.

Should you have any questions or wish to go over this information, please contact me.

Sincerely,

Christopher Sanchez
Project Engineer

/jmn

Attachment

pc: RZ
SP
JB

F:\DOCS\SANCHRIS.94\EPNG\WATERSOU.ANA

OWNERSHIP / RODS

OWNERSHIP	UNITED STATES PERMITTEE DUANE BERRYHILL	ANACONDA COMPANY	ANACONDA COMPANY	DUANE BERRYHILL	ANACONDA COMPANY	HOMESTAKE SAPIN - PARTNERS	DEAN STANLEY & A R CARD	H C ELKINS	DEAN STANLEY & A R CARD	H C ELKINS	DEAN STANLEY AND A R CARD
RODS	62.533			217.152	84.588	488.370	4.982	102.061	19.515	141.455	178.303

ALIGNMENT

922+00 MATCH LINE — N 56°24' W — 911+68.2 PROP. LINE — 906+68.8 Δ 2°41' LT. — 902+00 ℄ ROAD — N43°48' W — EQUATION: 901+28.5 AH = 965+48.7 BK. — Δ 3°00' RT. — 965+43 B.W. FENCE — 963+63 DIRT ROAD — 545°11' W — 962+49.1 Δ 43°00' LT. — S88°11' W — 951+79.1 BERM RD. — 951+28.2 Δ 40°02' LT. — N51°47' W — 875+80.8 Δ 40°45' RT. — N52°32' W — 880+58.1 Δ 9°12' LT. — 861+93.5 ACCESS RD. — 871+60.2 HAUL ROAD — 869+04.2 5 PWR. LNS. — N43°20' W — 865+54.2 Δ 51°57' LT. — N08°57' E — 856+00.3 Δ 21°51' LT. — 846+39.7 TOP SLOPE — 845+30.2 TOE SLOPE — 834+10.3 HAUL ROAD — 832+08.1 HAUL ROAD — N36°09' E — 826+38.8 Δ 10°54' RT. — 825+26 HAUL ROADS — 823+60 POWER LN. — 818+51 B.W. FENCE — N25°30' E — 818+19.9 Δ 24°18' RT. — N43°43' W — TWR. — 812+68 ℄ ROAD — 811+10 Δ 4°24' LT. — 800+00 END MALPAIS — 793+18 SEC. LINE — 779+27.3 SEC. LINE — 777+69.3 ℄ ROAD — 776+69.3 FENCE — 775+53 TEL. LINE — 30' POLE — 769+85.3 M.P. 342 — SURVEY & ℄ PIPE — N 39°19' W — 739+16.6 BEGIN MALPAIS — 734+00 TIE — S 21° 20' W - 766' STAKE — 725+63 FENCE — 725+02 ℄ ROAD — 724+43 P.C. & SEC. LN. — 724+81 POWER LINE — 717+05.3 M.P. 341 — 717+54.6 Δ 1°55' RT. — 698+64.2 PROP. LINE — 698+61 POWER LINE — 697+82 SEC. LINE — 687+66 POWER LINE — N 41°14' W — 680+98 FENCE — 677+76 FENCE — 672+41.1 TIE — S 48°46' W - 286' I.P. — 665+20 FENCE — 664+29.3 M.P. 340 — 664+15 ℄ IRR. DITCH (4'W x 2'D) — S 86°23'E - 2347.1' I.P. — 656+51.3 Δ 6°30' LT. — 655+53 POWER LINE — 654+63.5 ℄ ROAD — 654+42 SEC. LINE — N 34°44' W — 634+66 ℄ IRR. DITCH — 625+00 MATCH LINE

MATERIAL DETAIL

922+00 MATCH LINE — W.O. 13015 — 625+00 MATCH LINE

ANACONDA 844+45 (8-'O) SO. UNION — 828+22.8 — 828+16.1 — 828+01.2 — 827+96.1 — 827+88.2 — 12"-400# — 10" — 24"-400# — 12"-400# — 34.6' - 30" x .375" — 9,383.9' - 30" x .335" — 20,290.5' - 30" x .335" — STANLEY-CARD 654+35 (8-'O) SO. UNION

ELEV VA 34 6,610'

PRINT RECORD
8 R/W 2-25-94
2 ENG DIST 2-25-94

NOTE: STATIONING IS BASED ON HORIZONTAL CHAINING
PIPE LENGTHS ARE SLACK CHAINED

R/W No 940202

LEGEND

WELD-O-LET — WELD SADDLE — WELD TEE — SPLIT TEE — WELD ELL — VENT & SIZE — DRIP — BOLT-ON RIVER WEIGHT — SET-ON RIVER WEIGHT — ELECTROLYSIS TEST LEAD — WELD CAP — WELD REDUCER — FLANGES — BLOW-OFF & SIZE — CPS CATHODIC PROTECTION STATION & NO. — CONC. ANCHOR & ANCHOR FLANGE — M METER RUN — PLUG VALVE - SIZE & RATING — GATE VALVE - SIZE & RATING — BALL VALVE - SIZE & RATING — CHECK VALVE - SIZE & RATING — REGULATOR - SIZE & RATING — SOLID VALVE DENOTES FULL OPENING

MATERIAL DATA

PIPE	COATING
30" O. D. X .335" W. T. PIPE - X52 - E. W. - A. O. SMITH	PRIMER-BARRETTS SPECIAL PIPELINE
30" O. D. X .375" W. T. PIPE - X52 - E. W. - A. O. SMITH	ENAMEL-BARRETTS MILLWRAP
	WRAP-FIBERGLASS

REFERENCE DRAWINGS

1300.0-57	Original Drawing
1300.9-X-3	Anaconda Mtr. Sta.
SYS-18	Diagrammatic Plat (Gallup District)

REVISIONS

NO.	DATE	BY	DESCRIPTION
G	10-30-76	AG	Redrawn Per 1976 Photography
H	8-3-78	AG	Redrawn Per 1978 Photography
I	7-15-81	RG	Cibola Co. Added, Effective June 1, 1981
J	5-28-82	AG	Redrawn Per 1981 Photography & Misc. Revisions
K	4-1-85	AG	Redrawn Per 1984 Photography & Misc. Revisions
L	2-23-94	LR	ADDED LINECHANGE 818+19.9 TO 965+48 BK.

GEODETIC POSITIONS

MON.	COORDINATE

WORK ORDER

DATE	NO.
1954	13015

ENGINEERING RECORD

DRAWN BY	Aero-Graphics
TRACED BY	
CHECKED BY	Aero-Graphics
APPROVED	
DATE	7-19-67
PHOTO DATE	3-22-84
PHOTO RE-CHECK	

0 1000 2000 3000
SCALE IN FEET

El Paso Natural Gas Company
ENGINEERING DRAFTING DIVISION

LINE FROM PLAINS STATION TO SAN JUAN LINE

M. P. 339+1,260.0' TO M. P. 344+4,654.7'
TWS. 12-N, RANGE 10-W & 11-W
CIBOLA COUNTY, NEW MEXICO

DWG. NO. 1300.0-68 REV. L