

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

August 2, 1977

C  
O  
P  
Y  
  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: Administrative Order SWD-186

Gentlemen:

Enclosed herewith please find Administrative Order  
SWD-186 for the following described well:

Atlantic State Well No. 6  
located in Unit M of Section  
16, Township 30 North, Range  
10 West, NMPM, San Juan  
County, New Mexico.

Very truly yours,

JOE D. RAMEY  
Secretary-Director

JDR/CU/og

cc: Oil Conservation Commission  
1000 Rio Brazos Road  
Aztec, New Mexico

OIL CONSERVATION COMMISSION  
P. O. BOX 2082  
SANTA FE, NEW MEXICO 87501

August 2, 1977

El Paso Natural Gas Company  
P. O. Box 9700  
Fort Worth, Texas 76101

For Administrative Order 100-100

Enclosure

Please forward to the Administrative Order  
100-100 for the following described well

Atlantic State Well No. 1  
located in Unit M of Section  
16, Township 30 North, Range  
10 East, T10N, R10E, Sec 16  
County, New Mexico.

Very truly yours,

JOE D. LEE  
Secretary-Director

cc: 100-100

cc: Oil Conservation Commission  
1000 Rio Ranch Road  
Albuquerque, New Mexico

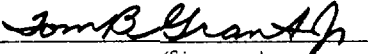
NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR <b>El Paso Natural Gas Company</b>		ADDRESS <b>P.O. Box 990, Farmington, New Mexico 87401</b>	
LEASE NAME <b>Atlantic State</b>	WELL NO. <b>6</b>	FIELD	COUNTY <b>San Juan</b>
LOCATION UNIT LETTER <b>M</b> ; WELL IS LOCATED <b>816</b> FEET FROM THE <b>S</b> LINE AND <b>1130</b> FEET FROM THE <b>W</b> LINE, SECTION <b>16</b> TOWNSHIP <b>30N</b> RANGE <b>10W</b> NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	9 5/8"	164'	125	Surface	Circulated
INTERMEDIATE	7"			2960	T/S
LONG STRING	4 1/2"	1815'		Surface	Plan to Circ.
TUBING	2 3/8"	1700'	NAME, MODEL AND DEPTH OF TUBING PACKER <b>Baker Lok-Set 1700'</b>		
NAME OF PROPOSED INJECTION FORMATION <b>Ojo Alamo</b>			TOP OF FORMATION <b>1705'</b>		BOTTOM OF FORMATION <b>1815'</b>
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>tubing</b>		PERFORATIONS OR OPEN HOLE? <b>Perf.</b>	PROPOSED INTERVAL(S) OF INJECTION <b>1704-1800'</b>		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>No</b>	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>Gas</b>			HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? <b>open hole</b>	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA <b>P.C. 3178'</b>		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA <b>C.H. 4670'</b>	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM <b>10</b>	MAXIMUM <b>40</b>	OPEN OR CLOSED TYPE SYSTEM <b>closed</b>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>gravity</b>	APPROX. PRESSURE (PSI)
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE -			WATER TO BE DISPOSED OF <b>yes</b>	NATURAL WATER IN DISPOSAL ZONE <b>yes</b>	ARE WATER ANALYSES ATTACHED? <b>yes</b>
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <b>El Paso Natural Gas Company, P.O. Box 990, Farmington, New Mexico 87401</b>					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL <b>Mesa Petroleum Co. (Gage 2 (PC) "H" 20-30-10)</b> <b>P. O. Box 2009, Amarillo, Texas 79105</b>					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER <b>state</b>		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL <b>yes</b>	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA <b>yes</b>		ELECTRICAL LOG <b>yes</b>	
				THE NEW MEXICO STATE ENGINEER <b>yes</b>	
				DIAGRAMMATIC SKETCH OF WELL <b>yes</b>	

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

	<b>Production Engineer</b>	<b>7-12-77</b>
(Signature)	(Title)	(Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

## ATLANTIC STATE #6

### Description of proposed completed operation:

Perforate squeeze holes at 1995'. Set retainer on 2 3/8" tubing @ 1825'. Cement outside 7" from 1995' to 600' w/267 sks. Check cement top w/ T/S and bond log. Run 1815' of 4 1/2"- 10.5# casing w/shoe & float collar. Circulate cement to surface.

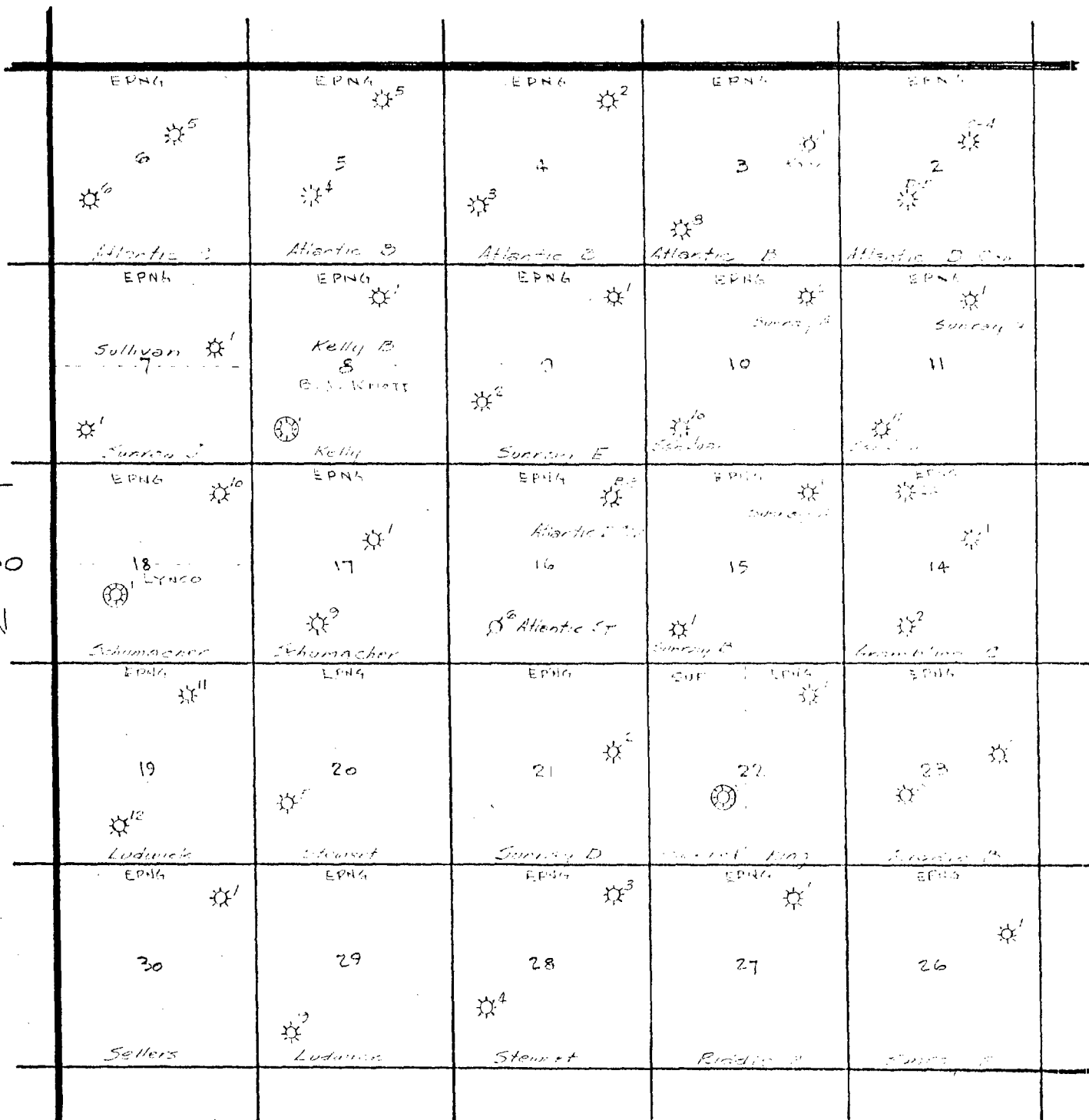
Perforate two holes at 1750' and check Ojo-water-by lab analysis. If ok, then finish perforating Ojo. Go in and set packer at 1700' on 2 3/8" tubing and load 2 3/8 x 4 1/2 annulus.

Injection to be by gravity pressure.

### Tops:

96'-	Ojo Alamo-	1705
	Kirtland-	1815
	Fruitland-	2690
	P.C.	3052
	Lewis	3178
Cliff	House	4670
	Menefee	4840
	P. Lookout	5327
	Mancos	5440

T  
30  
N



D 16  
Ludwick

R-10-W

10/20/2020 10:20:20

PAGE 401 500-600

1704'

Q 37)

1300'

THE UNIVERSITY OF CHICAGO

PERFORATE SOMEWHAT MORE AT 100', DEEPENED 7" WITH 261 GMS. FROM  
SOMEWHAT MORE UP TO CORROSION HOLES. 1000. AND 500 GMS. 100.

T/C 2960 T/S

200' Plug 3000-3200 Acres, 4,000,000,000

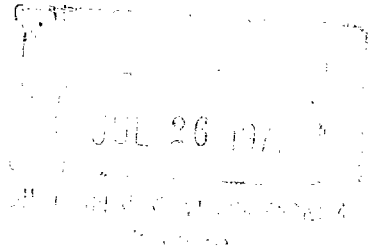
100'    100'    100'    100'    100'    100'    100'    100'    100'    100'

2 3/8" TEG TUB 4900'-5420'

7" @ 5230'

100 SK 9006 5:30-5495 TD

OIL CONSERVATION COMMISSION  
Albuquerque DISTRICT



OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 7/22/77

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD ✓ \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Carl Zilvay

Gentlemen:

I have examined the application dated 7/12/77  
for the El Paso Natural Gas Co. Atlantic St #6 M-16-30N-10W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

RR Kendrick