

OIL CONSERVATION COMMISSION  
Anteo 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 Fluey

Gentlemen:

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

and my recommendations are as follows:

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

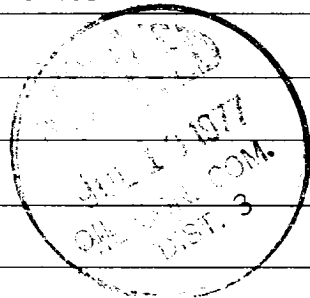
Yours very truly,

RR Kendrick

NEW MEXICO OIL CONSERVATION COMMISSION  
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR El Paso Natural Gas Company		ADDRESS P.O. Box 990, Farmington, New Mexico 87401	
LEASE NAME Atlantic State	WELL NO. 6	FIELD	COUNTY San Juan
LOCATION UNIT LETTER <u>M</u> ; WELL IS LOCATED <u>816</u> FEET FROM THE <u>S</u> LINE AND <u>1130</u> FEET FROM THE <u>W</u> LINE, SECTION <u>16</u> TOWNSHIP <u>30N</u> RANGE <u>10W</u> 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 Baker Lok-Set 1700'		
NAME OF PROPOSED INJECTION FORMATION Ojo Alamo			TOP OF FORMATION 1705'		BOTTOM OF FORMATION 1815'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? tubing		PERFORATIONS OR OPEN HOLE? Perf.	PROPOSED INTERVAL(S) OF INJECTION 1704-1800'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Gas		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? open hole		
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 P.C. 3178'		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA C.H. 4670'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 10	MINIMUM 40	MAXIMUM closed	OPEN OR CLOSED TYPE SYSTEM gravity	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	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 yes		NATURAL WATER IN DISPOSAL ZONE yes	ARE WATER ANALYSES ATTACHED? yes
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) El Paso Natural Gas Company, P.O. Box 990, Farmington, New Mexico 87401					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Mesa Petroleum Co. (Gage 2 (PC) "H" 20-30-10) P. O. Box 2009, Amarillo, Texas 79105					
					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER state		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA yes		THE NEW MEXICO STATE ENGINEER yes	
		ELECTRICAL LOG		DIAGRAMMATIC SKETCH OF WELL yes	

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


  
(Signature)

 Production Engineer  
(Title)

7-12-77

(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

