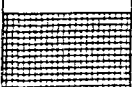
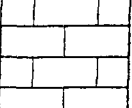
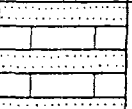
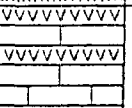
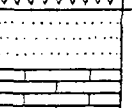
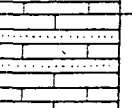
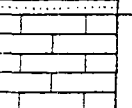
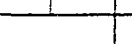
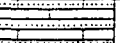
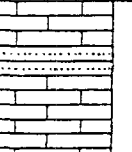
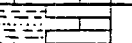
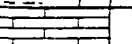
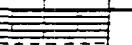
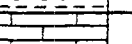
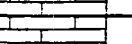
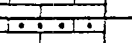
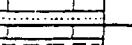

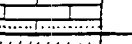


# GENERALIZED SECTION

## PRODUCING FORMATIONS EDDY COUNTY, NEW MEXICO

SYSTEM	SERIES	FORMATION			EDDY COUNTY POOLS 0-1500' NONPRODUCTIVE BEDS ARE NOT INCLUDED
		BASIN	SHELF		
PERMIAN	OCHOA	SALADO			
	GUADALUPE	BELL CANYON	TANSILL		HALE, SCANLON
			YATES		AID, BARBER, BENSON, BURTON (ABO), CEDAR HILLS, EMPIRE, GETTY, HACKBERRY, LUSK, WEST LUSK, MAGRUDER, P.C.A., RUSSELL, SHUGART (BLACK RIVER, DARK CANYON, FENTON-DELAWARE BASIN, NORTH MASON, MALAGA, SANTA NINA)
			SEVEN RIVERS <b>SALT</b>		AID, ANGELL, EMPIRE, FREN, MC MILLAN, PALIMILLO (ABO), TURKEY TRACK-SEVEN RIVERS
			QUEEN		NORTH BENSON, CULWIN, GRAYBURG-JACKSON, HIGH LONESOME, MC MILLAN, SHUGART, NORTH SHUGART, TURKEY TRACK, EAST TURKEY TRACT, LOCO HILLS-QUEEN
			GRAYBURG		ANDERSON, ARTESIA, CAVE (ABO), DAYTON, EAST DAYTON (ABO), GRAYBURG-JACKSON, SOUTH HIGH LONESOME, LEO, LOCO HILLS, MALJAMAR, MILLMAN, PREMIER, RED LAKE, ROBINSON, SQUARE LAKE, TURKEY TRACK
	LEONARD	CHERRY CANYON	SAN ANDRES		ANDERSON, ARTESIA, ATOKA, DAUGHERITY, FOREST, GRAYBURG-JACKSON, GRAYBURG-KEELY, HENSHAW, SOUTH HIGH LONESOME, LOCO HILLS, LOGAN DRAW, MALJAMAR, NICHOLS, RED LAKE, ROBINSON, SQUARE LAKE
		BUSHY CANYON			
		BONE SPRINGS	GLORIETA		
			YESO DRINKARD		
	WOLFCAMP	HUECO	ABO-HUECO		
PENN.					
MISS.		MISSISSIPPI LS. WOODFORD SH.			
DEVONIAN					
SILURIAN		FUSSELMAN			
ORDOVICIAN	UPPER	MONTOKA			
	MIDDLE	SIMPSON			
	LOWER	ELLENBURGER			
PRE-CAM.					

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 3, 1978

A. H. Rains  
Box 927  
Carlshad, New Mexico 88220

Re: Administrative Order No. SWD-180

Dear Sir:

Enclosed herewith please find Administrative  
Order No. SWD-180 for the following described well:

Exxon State Well No. 8 located  
in Unit O of Section 15, Town-  
ship 21 South, Range 27 East,  
NMPM, Lea County, New Mexico.

Very truly yours,

JOE D. RAMEY  
Secretary-Director

JDR/CU/og

cc: Oil Conservation Commission  
Box 1980  
Hobbs, New Mexico

IT IS FURTHER ORDERED: SLD - 180 12-31-78

That the applicant herein, A. H. Rains, is hereby authorized to complete its Exxon State Well No. 8 located in Unit O of Section 15, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Yates formation at approximately 570 feet to approximately 600 feet through 2 3/8 inch plastic lined tubing set in a packer located at approximately 565 feet.

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

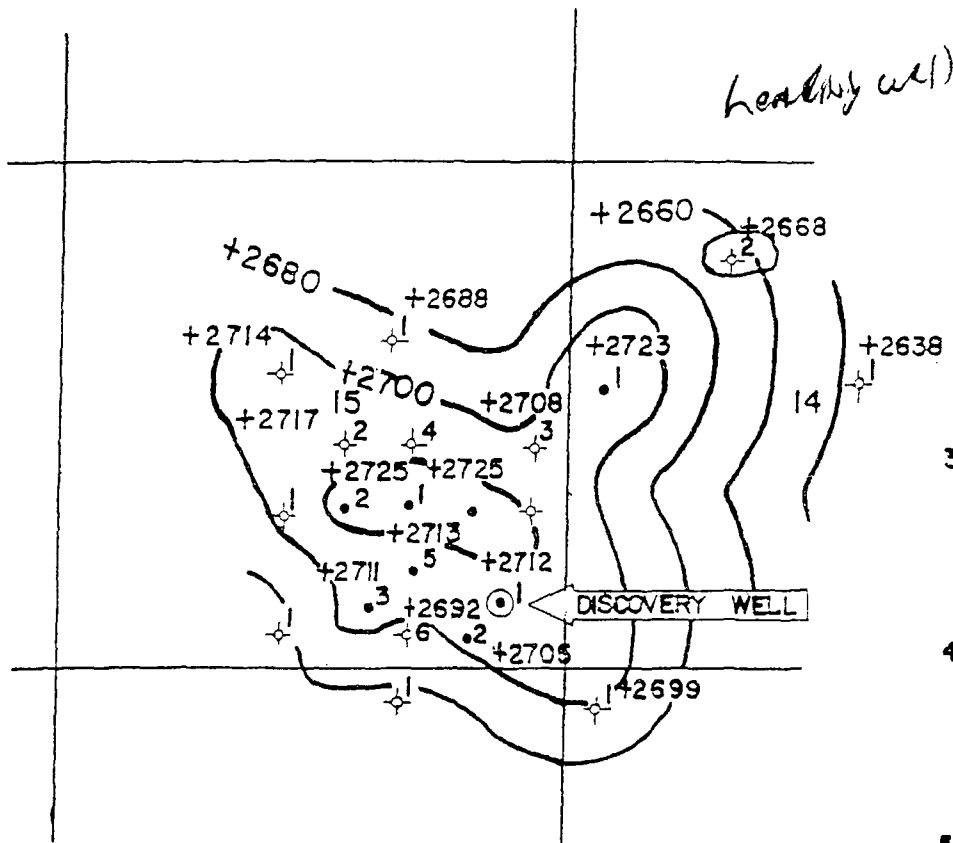
That the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That the operator shall notify the supervisor of the Commission's Artesia District Office before injection is commenced through said well.

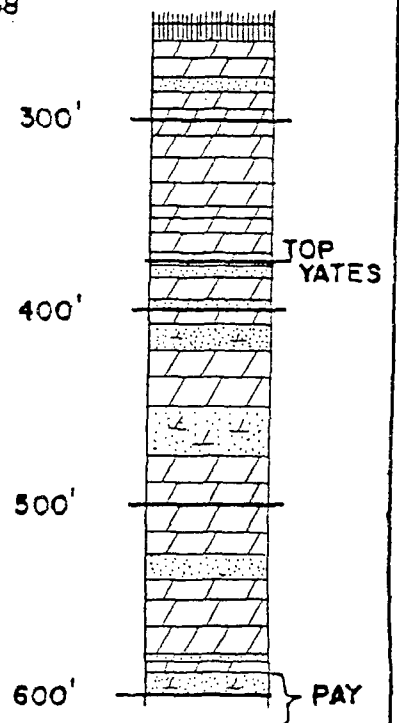
That the operator shall immediately notify the supervisor of the Commission's Artesia Office of the failure of the tubing, casing, or packer in said well or the leakage of water from or around said well and shall take such steps as may be timely or necessary to correct such failure or leakage.

R-27-E

T  
21  
S



### TYPE LOG



MAGRUDER FIELD  
EDDY COUNTY, NEW MEXICO

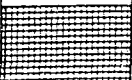
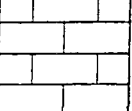
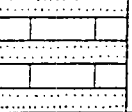
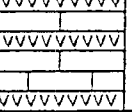
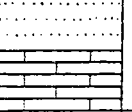
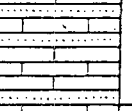
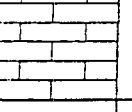
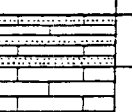
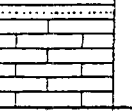

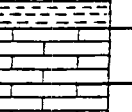

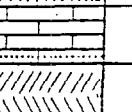
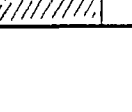


STRUCTURAL CONTOURS  
ON TOP OF YATES PAY

SCALE IN FEET  
0 1000 2000 4000

DEC. 1956

# GENERALIZED SECTION

## PRODUCING FORMATIONS EDDY COUNTY, NEW MEXICO

SYSTEM	SERIES	FORMATION			EDDY COUNTY POOLS 0-1500' NONPRODUCTIVE BEDS ARE NOT INCLUDED
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			YATES		AID, BARBER, BENSON, BURTON (ABO), CEDAR HILLS, EMPIRE, GETTY, HACKBERRY, LUSK, WEST LUSK, MAGRUDER, P.C.A., RUSSELL, SHUGART (BLACK RIVER, DARK CANYON, FENTON-DELAWARE BASIN, NORTH MASON, MALAGA, SANTA NINA)
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			GRAYBURG		ANDERSON, ARTESIA, CAVE (ABO), DAYTON, EAST DAYTON (ABO), GRAYBURG-JACKSON, SOUTH HIGH LONESOME, LEO, LOCO HILLS, MALJAMAR, MILLMAN, PREMIER, RED LAKE, ROBINSON, SQUARE LAKE, TURKEY TRACK
	LEONARD	CHERRY CANYON	SAN ANDRES		ANDERSON, ARTESIA, ATOKA, DAUGHERITY, FOREST, GRAYBURG-JACKSON, GRAYBURG-KEELY, HENSHAW, SOUTH HIGH LONESOME, LOCO HILLS, LOGAN DRAW, MALJAMAR, NICHOLS, RED LAKE, ROBINSON, SQUARE LAKE
		BUSHY CANYON			
		BONE SPRINGS	GLORIETA		
			YESO DRINKARD		
	WOLFCAMP	HUECO	ABO-HUECO		
PENN.					
MISS.		MISSISSIPPI LS.			
		WOODFORD SH.			
DEVONIAN					
SILURIAN			FUSSELMAN		
ORDOVICIAN	UPPER		MONTOYA		
	MIDDLE		SIMPSON		
	LOWER		ELLENBURGER		
PRE-CAM.					