

NEW MEXICO OIL CONSERVATION COMMISSION

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

NAME A. H. RAIRS		ADDRESS Box 422 CARLSBAD N.M. 88220	
LEASE NAME EXXON STATE	WELL NO. 8	FIELD MAGRUDER	COUNTY Loddy
LOCATION UNIT LETTER C WELL IS LOCATED 1268 FEET FROM THE SOUTH LINE AND 2032 FEET FROM THE EAST LINE. SECTION 15 TOWNSHIP 21S RANGE 27E NMPN.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8 7/8"	175'	CIRCULATION	SURFACE	CIRCULATION
INTERMEDIATE					
LONG STRING	5 1/2"	535-570'	CIRCULATION	SURFACE	CIRCULATION
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER GUMBERSCH HOOKWELL 575'		

NAME OF SUSPECTED INJECTION FORMATION SANDY LINE POROUS ZONE	TOP OF FORMATION 570'	BOTTOM OF FORMATION 200'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? 2 1/2" TUBING	PERFORATIONS OR OPEN HOLES OPEN HOLE	PROPOSED INTERVAL(S) OF INJECTION POROUS ZONE
IS THIS A NEW WELL DRILLED FOR DISPOSAL? YES	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? FOR DISPOSING OF WATER	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? NO

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SHUT-IN EACH		
NONE		
DEPTH OF DEEPEST LAYER SOLE IN THIS AREA NONE	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA NONE	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA NONE
ANTICIPATED DAILY INJECTION VOLUME (BOBLS) UNKNOWN	MINIMUM UNKNOWN	MAXIMUM UNKNOWN
OPEN OR CLOSED TYPE SYSTEM CLOSED		IS INJECTION TO BE BY GRAVITY OR PRESSURE? GRAVITY
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. YES		ARE WATER ANALYSES ATTACHED? YES

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) STATE LAND J.D. SPEARS GRAZING LEASE Box 1017 CARLSBAD, N.M. 88220
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF MILE OF THIS INJECTION WELL YATE PETROLEUM CORPORATION ARTESIA, N.M. 88210 PERRY BAS. MIDLAND, TX

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? YES	SURFACE OWNER YES	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL YES	THE NEW MEXICO STATE ENGINEER YES
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)? YES	PLAT OF AREA YES	ELECTRICAL LOG YES	DIAGRAMMATIC SKETCH OF WELL YES

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

A. H. RAIRS
(Signature)**OPERATOR**
(Title)**12-16-78**
(Date)

NOTE: Should owners 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.

SUBJECT: SALT WATER DISPOSAL WELL

ORDER NO. SW-180

THE APPLICATION OF A. H. RAINS FOR
A SALT WATER DISPOSAL WELL.

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701 (C), A. H. Rains made application to the New Mexico Oil Conservation Commission on December 13, 1976, for permission to complete for salt water disposal his Exxon State Well No. 8 located in Unit O of Section 15, Township 21 South, Range 27 East, NMPM, Lea County, New Mexico.

The Secretary-Director finds:

1. That application has been duly filed under the provisions of Rule 701 (C) of the Commission Rules and Regulations;
2. That satisfactory information has been provided that all offset operators and surface owners have been duly notified;
3. That the applicant has presented satisfactory evidence that all requirements in Rule 701 (C) will be met.
4. That no objections have been received within the waiting period prescribed by said rule.

IT IS FURTHER ORDERED:

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.

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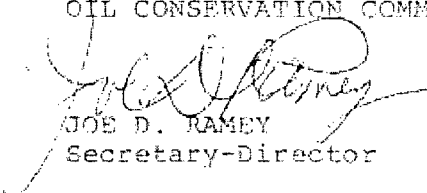
Salt Water Disposal - A. H. Rains

PROVIDED FURTHER

That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after notice and hearing the Commission may terminate the authority hereby granted in the interest of conservation. That applicant shall submit monthly reports of the disposal operation in accordance with Rule 104 and 1120 of the Commission Rules and Regulations.

APPROVED at Santa Fe, New Mexico, on this 31st day of December.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


JOE D. RAMEY
Secretary-Director

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