

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Amoco Production Company		ADDRESS P. O. Box 68 - Hobbs, NM 88240	
LEASE NAME State "E" Tract 18	WELL NO. 22	FIELD Lovington Abo	COUNTY Lea
LOCATION UNIT LETTER <u>G</u> ; WELL IS LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE, SECTION <u>2</u> TOWNSHIP <u>17-S</u> RANGE <u>36-E</u> NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13-3/8"	270'	275	Surface	Circulated
INTERMEDIATE	9-5/8"	3287'	300	Unknown	Cemented with DV tool at 2106'
LONG STRING	5-1/2"	8330'	835 sx originally will squeeze 450 sx Approx. 4150'		Temp Survey
TUBING	3-1/2"	Approx. 8331'	NAME, MODEL AND DEPTH OF TUBING PACKER Guiberson Uni Packer VI - 3-1/2" - 8300'		
NAME OF PROPOSED INJECTION FORMATION Abo			TOP OF FORMATION 8350'		BOTTOM OF FORMATION 9250'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Internally Coated Tubing		PERFORATIONS OR OPEN HOLE? 8330' - 9000'		PROPOSED INTERVAL(S) OF INJECTION 8330' - 9000'	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Producing Well			HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? Yes
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH 8338' - 8340' 75 sx sloset; 8292' - 8316' 150 sx Class H					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 80'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 6800'		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 9500'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.)	MINIMUM 6,000	MAXIMUM 10,000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1650#
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) City of Lovington, New Mexico					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Marathon Oil Company - P. O. Box 2409 - Hobbs, NM 88240 Cities Service Company - P. O. Box 1919 - Midland, TX 79702 Getty Oil Company - P. O. Box 730 - Hobbs, NM 88240 Amerada Hess Corporation - P. O. Box 2040 - Tulsa, OK 74102 Phillips Petroleum Company - 4001 Penbrook - Odessa, TX 79701					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	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)	PLAT OF AREA Yes		ELECTRICAL LOG No		DIAGRAMMATIC SKETCH OF WELL Yes

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

Bob Davis
(Signature)

Administrative Analyst
(Title)

June 20, 1980
(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.