

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR BLACKROCK OIL COMPANY		ADDRESS 1000 V & J Tower, Midland, Tx 79701	
LEASE NAME Bates McIntyre Federal	WELL NO. 1	FIELD Haystack Cisco Gas	COUNTY Chaves
LOCATION UNIT LETTER H ; WELL IS LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 9 TOWNSHIP 6-S RANGE 27-E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	12-3/4"	30'	Ready Mix	Surface	Conductor Only
INTERMEDIATE	8-5/8"	1186'	485 sx.	Surface	Circulation
LONG STRING	5-1/2"	6310'	300 sx.	4389'	Calculation
TUBING	2-3/8"	5682'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model R @ 5682'		
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 1200'		BOTTOM OF FORMATION 1420'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Annulus 4-1/2 x 8-5/8		PERFORATIONS OR OPEN HOLE? Open Hole	PROPOSED INTERVAL(S) OF INJECTION 1200' - 1420'		
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? Yes		
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH 6254'-6275', BP @ 6238', 300 sx. - 6154'-6188', BP @ 6110' - Production 5784' Only					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 1136'		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 6275'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 360	MINIMUM 250	MAXIMUM 360	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1000 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 - Yes		WATER TO BE DISPOSED OF Yes		NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Fred Van Eaton, Box 4, Kenna, New Mexico 88122					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Shenandoah Oil Corporation, 703 V & J Tower, Midland, Tx 79701 Jack McClellan, P. O. Box 848, Roswell, New Mexico 88201					
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			
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) 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.

O.D. Butler

President

March 20, 1972

(Signature)

(Title)

(Date)

NOTE: Should waivers from 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.