

Memo

From

J. D. Ramey, Supervisor &
Oil & Gas Inspector

To Jim Kapteina:

No objections to this application. Seem to have sufficient cement to cover all pays & to isolate the injection zones.

The SA & Glor. are not productive in this area so you should be able to grant administrative approval.

JDR

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR SOLAR OIL COMPANY		ADDRESS P. O. BOX 5596, MIDLAND, TEXAS 79701	
LEASE NAME E. C. HILL "A"	WELL NO. 1	FIELD 111	COUNTY LEA
LOCATION UNIT LETTER 0 ; WELL IS LOCATED 990 FEET FROM THE South LINE AND 2310 FEET FROM THE East LINE, SECTION 27 TOWNSHIP 23-S RANGE 37-E NMPM.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	9-5/8"	1056'	250
INTERMEDIATE			
LONG STRING	7"	6000'	650
TUBING	2-3/8"	3900'	NAME, MODEL AND DEPTH OF TUBING PACKER Guiberson "Shorty" 3900'
NAME OF PROPOSED INJECTION FORMATION San Andres and Glorieta		TOP OF FORMATION San Andres - 3773' Glorieta - 4917'	BOTTOM OF FORMATION San Andres - 4917' Glorieta - 5344'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tbg.		PERFORATIONS OR OPEN HOLES Perforations	PROPOSED INTERVAL(S) OF INJECTION 3935' to 5190'
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Production		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 5615'-5470' Capped CIBP set @ 5200'			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 1060 (Top Anhydrite)		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 2500 (Top Yates)
ANTICIPATED DAILY INJECTION VOLUME (BBL'S.) 200	MAXIMUM 2000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure
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		NATURAL WATER IN DISPOSAL ZONE Yes	APPROX. PRESSURE (PSI) 200
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) M. L. Goins			
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			
GULF OIL CORPORATION, Gulf Building, Midland, Texas 79701			
CARTER FOUNDATION PRODUCTION COMPANY, P. O. Box 900, Kermit, Texas			
TEXACO, INC., Midland Savings Building, Midland, Texas 79701			
TEXAS PACIFIC OIL CO., 511 W. Ohio, Midland, Texas 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 Not necessary*
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	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.

(Signature)

Petroleum Engineer
(Title)

January 24, 1969
(Date)

NOTE: Show waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well. Company this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from 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, the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, and the applicant so requests. SEE RULE 701.

*Contents of this form have been discussed with Mr. Joe D. Ramey.

DIAGRAMMATIC SKETCH

E. C. Hill "A" #1
 990' FSL & 2310' FEL
 Sec. 27, T-23-S, R-37-E
 Lea County, New Mexico



