

Gulf Energy and Minerals Company - U. S.

PRODUCTION DEPARTMENT

HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

September 14, 1976

P. O. Box 670
Hobbs, New Mexico 88240

Re: Application for Salt
Water Disposal, Learcy
McBuffington No. 12,
located 1650' FSL & 990'
FEL, Sec 13, 25-S, 37-E,
Lea County.

Mr. Joe D. Ramey
New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

Your administrative approval of the attached application for Salt Water Disposal is requested. Form C-108 and other required data is included. It is our intention to perforate the production casing string at the indicated top of cement and recement to the surface prior to injecting water.

Salt water disposal operations were initiated on this lease in February of 1960 through our Learcy McBuffington No. 2, under Order SWD-22, dated November 20, 1959. All offset operators and the surface landowner have been furnished a copy of letter and attachments.

Yours very truly,



C. D. BORLAND

DTB:ldw
Att'd.

cc: Land Owner, Offset Operators, NMOCC, Hobbs
CFK, Midland.



A DIVISION OF GULF OIL CORPORATION

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THE CONSERVATION COMM.
HOBBES, N. H.

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Gulf Oil Corporation		ADDRESS Box 670, Hobbs, New Mexico 88240	
LEASE NAME Learcy McBuffington	WELL NO. 12	FIELD Justis Blinebry	COUNTY Lea
LOCATION UNIT LETTER I ; WELL IS LOCATED 1650 FEET FROM THE South LINE AND 990 FEET FROM THE East LINE, SECTION 13 TOWNSHIP 25-S RANGE 37-E NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13-3/8"	429'	450 sacks	Circulated	---
INTERMEDIATE	9-5/8"	3450'	1150 sacks	1475'	Temperature Survey
LONG STRING	7"	7230'	590 sacks in two stages	3500'*	Temperature Survey
TUBING	2-3/8"	3750'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model D at approximately 3750'		
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 3800'	BOTTOM OF FORMATION 4720'	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations	PROPOSED INTERVAL(S) OF INJECTION 3900' - 4300'		
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 Perfs 7681-7815' abandoned by setting CIBP at 7000' and capping w/10' cement. Perfs 5227-5545' to be abandoned by setting CIBP at 4450' and capping with 50' cement.					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 124'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 3415'		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 4720'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 500	MINIMUM 500	MAXIMUM 700	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 300#
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		ARE WATER ANALYSES ATTACHED? No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) George Blocker, 429 7th Street, Jal, New Mexico 88252					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
Getty Oil Co., Box 1231, Midland, Texas 79701					
Union Texas Petroleum Corporation, 1300 Wilco Bldg., Midland, Texas 79701					
V. H. Westbrook, Box 2264, Hobbs, New Mexico 88240					
Terra Resources, 1638 Bank of Southwest, Houston, Texas 77002					
Atlantic Richfield, Box 1610, Midland, Texas 79701					
Texaco, Inc., Box 3109, 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	
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)

Area Production Manager
(Title)

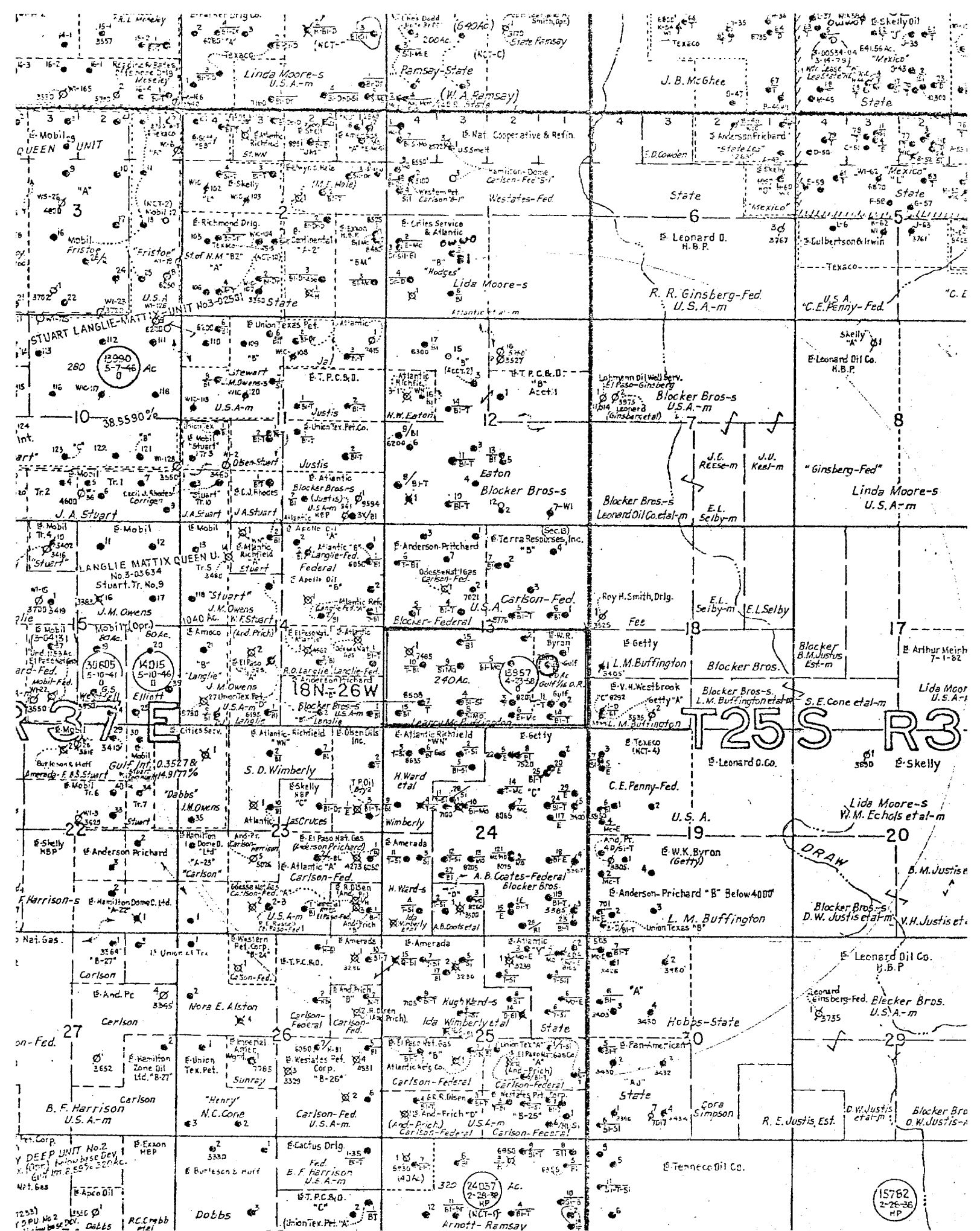
September 14, 1976
(Date)

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.

* Will recement this string and bring cement to surface.

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UNIT I - SEC 13 - T 45 S - R 37 E
JUSTIS BLINEORY

DF 5088' (GL 3078')

TBL. H = 11.00'

63'-7⁵/₈" - 21.70"
CSB ON TOP OF 7"

SCHEMATIC DIAGRAM
OF PROPOSED HOOD-UP

13³/₈" - 48' CSB,
@ 429' w/ 450 SXS.
CMT. CIRC.

2³/₈" OD EVE SRT
4.70" J-55 IPC
TUBING

9⁵/₈" - 32.30' ± 36' CSB,
@ 3450' w/ 1150 SXS.
TSITC 1475'

← 3850' ± - BAKER MOD. D. PACKER,
WANCHER SEAL ASSEMBLY
PROPOSED SAN ANDRES
PERFS. IN THE INTERVAL
3900' ± TO 4300' ±

JUSTIS BLINEORY PERFS.
5227' - 5545'

← 4400' - PBD, TOC
← 4450' - CIBP

DV-TOOL 5988' →

← 6990' - PBD, TOC
← 7000' - CIBP

← 7054' - TOP OF 4¹/₂" - 11.6" LINE

7¹/₂" - 23' CSB @ 7230'
IN TWO STAGES.
1st STAGE 190 SXS.
2nd STAGE THRU DV-TOOL
@ 5988' w/ 1000 SXS.
TSITC 3500'

MCKEE PERFS
7681' - 7815'

← 7828' - OLD PBD
← 7904' - BTH OF 4¹/₂" LINER

TD 1620'

C. STONE
J. STONE

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OIL CONSERVATION COMM.
HOBBS, N. M.