

Gulf Oil Exploration and Production Company

April 11, 1978

C. D. Borland
PRODUCTION MANAGER, HOBBS AREA

P. O. Box 670
Hobbs, NM 88240

Re: C. E. LaMunyon No. 6,
766' FNL 554' FEL
Section 28-23S-37E, Lea
County, New Mexico -
Convert to Salt Water
Disposal Well

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

Dear Sir:

Reference is made to your telephone conversation with Mr. Norbon P. Sikes on April 11, 1978 concerning the subject well, in which you requested that we resubmit a corrected form C-108 and a diagrammatic sketch of the proposed completion.

Attached is the additional information which you have requested.

Yours very truly,



C. D. BORLAND

LBI:ptg
Att'd.

cc: Oil Conservation Commission - Hobbs, New Mexico
U. S. G. S. - Hobbs, N.M.
Offset Operators listed on C-108 attached



NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Gulf Oil Corporation		ADDRESS P. O. Box 670, Hobbs, N.M. 88240	
LEASE NAME C. E. LaMunyon	WELL NO. 6	FIELD North Teague Devonian	COUNTY Lea
LOCATION UNIT LETTER <u>A</u> ; WELL IS LOCATED <u>766</u> FEET FROM THE <u>north</u> LINE AND <u>554</u> FEET FROM THE <u>east</u> LINE, SECTION <u>28</u> TOWNSHIP <u>23S</u> RANGE <u>37E</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"	307'	300	Surface	Circulated
INTERMEDIATE	9-5/8"	2,919'	1,300	1,645'	Temperature Survey
LONG STRING	7"	10,185'	575	7,410'	Temperature Survey
TUBING	2-3/8" IFC	9,080'	NAME, MODEL AND DEPTH OF TUBING PACKER Guiberson Uni Pkr I. Proposed setting depth 9080'		

NAME OF PROPOSED INJECTION FORMATION Teague Simpson McKee		TOP OF FORMATION 9,278'	BOTTOM OF FORMATION 9,436'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations	PROPOSED INTERVAL(S) OF INJECTION 9,340-9,510'
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Production, 9,810-9,820' Ellenburger		HAS WELL EVER BEEN PERFORMED 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 Isolated w/cmt ret: 7364-7389 sqzd w/250 sx; collapsed at 5305 sqzd w/200 sx; csg leaks 3562-393 sqzd w/375 sx; 5" liner from 2680-9185', current producing interval 7336-7342'			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 200'	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 7700'	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 9700'	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 150	MINIMUM 350	MAXIMUM Open	OPEN OR CLOSED TYPE SYSTEM 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 -		IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1900
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) Bill O'Bryan Weir Trust, c/o Glen L. Houston, P. O. Box 1948, Hobbs, N.M. 88240			
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			
Bronco Oil Corporation, P. O. Box 5114, Midland, Texas 79701			
Imperial American Management Company, 127 Mid-America Building, Midland, Texas 79701			
Damson Exploration Company, P. O. Box 1845, Lake Charles, LA 70601			
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER	
Yes		Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION? (SEE RULE 701-B)		PLAT OF AREA	ELECTRICAL LOG
Yes		No	DIAGRAMMATIC SKETCH OF WELL
Yes		No	Yes

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

H. P. Saker Jr.
(Signature)

Area Engineer

(Title)

April 11, 1978

(Date)

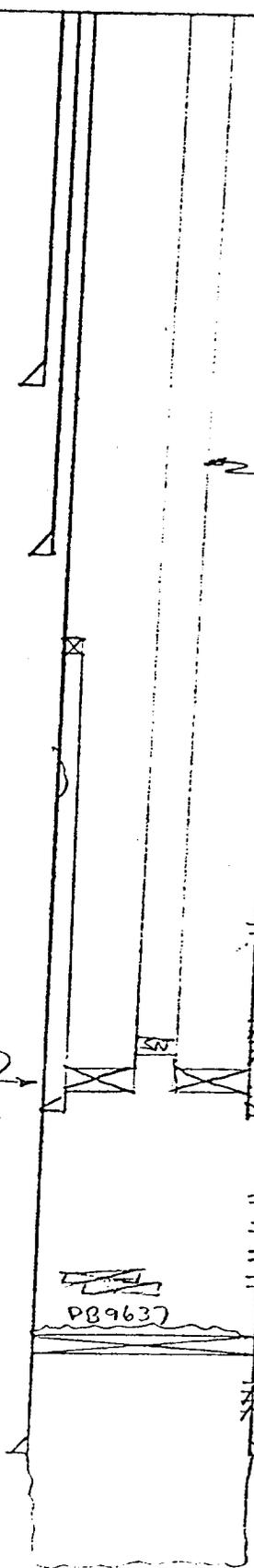
NOTE: Should waivers from the surface owner and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. 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.

Location 766 FNL & 554 FEL S. 28-235-37E Co. Lea St. NM

GL-3294'

PROPOSED Completion

16" hole for 13 3/8" CSG
12 1/4" hole for 9 5/8" CSG
8 3/4" hole for 7" CSG



13 3/8" OD 49# Grade SS Set @ 307'
w/ 300 SX cmt. Circulated - Yes
Cement Type Unknown (probably Incur)

Proposed 2 3/8" 4.70# EUE BRD J-55 Tbg IPC

9 5/8" OD 36# Grade H-40, Set @ 2719' w/ 1200 SX TSITC @ 1695'
1200 SX 2 1/2" opt 100 SX neat (Incur)

Liner Top @ 2680'
CSG leaks 3562-3593 & 3685-3695 sgzd w/ 375 SX cmt
8' collapse in 7" CSG @ 5355' - Sgzd with 200 SX Tstd to 800' OK

7336-7372 } Propose to sgz off
2-1/2" JHPF } Perfs. before beginning injection

Proposed
Injection pkv
set @ approx.
9080

7364-69 } 2 JHPF } sgzd w/
7382-87 } 250 SX
7382-87 } 1-1/2" JHPF } cmt.

5" 15# liner Set @ 9185' Cmtd w/ 550 SX Incur CLC cmt.

2-5" CSOP
@ 9637'

PB9637

9340-9365 } 6-1/2"
9385-9410 } JHPF
9440-9480 }
9490-9510 }

Baker Med-K cmt. ret @ 9713'

9810 } 6-1/2" sgzd w/ 500 SX
9820 } 3 JHPF cmt.

7" 23 1/2 # 26# Set @ 10185' w/ 575 SX TSITC @ 7910'
Grade 54, N-80, H-40 J-55 (Incur)
575 SX Bulk cmt

TO 10,218'