

# Gulf Oil Exploration and Production Company

C. D. Borland  
PRODUCTION MANAGER, HOBBS AREA

April 11, 1978



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

R 11 1978

OPERATOR <b>Gulf Oil Corporation</b>		ADDRESS <b>P. O. Box 670, Hobbs, N.M. 88240</b>	
LEASE NAME <b>C. E. LaMunyon</b>	WELL NO. <b>6</b>	FIELD <b>North Teague Devonian</b>	COUNTY <b>Lea</b>
LOCATION UNIT LETTER <b>A</b> ; WELL IS LOCATED <b>766</b> FEET FROM THE <b>north</b> LINE AND <b>554</b> FEET FROM THE <b>east</b> LINE, SECTION <b>28</b> TOWNSHIP <b>23S</b> RANGE <b>37E</b> 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 <b>Guiberson Uni Pkr I. Proposed setting depth 9080'</b>			

NAME OF PROPOSED INJECTION FORMATION <b>Teague Simpson McKee</b>	TOP OF FORMATION <b>9,278'</b>	BOTTOM OF FORMATION <b>9,436'</b>
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IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>Tubing</b>	PERFORATIONS OR OPEN HOLE? <b>Perforations</b>	PROPOSED INTERVAL(S) OF INJECTION <b>9,340-9,510'</b>
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IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>No</b>	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>Oil Production, 9,810-9,820' Ellenburger</b>	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? <b>Yes</b>
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LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH  
**9810-9820 sqzd w/50 sx; 9340-9510 Iso-lated 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 <b>200'</b>	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA <b>7700'</b>	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA <b>9700'</b>
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ANTICIPATED DAILY INJECTION VOLUME (BBLs.) <b>150</b>	MINIMUM <b>350</b>	MAXIMUM <b>Open</b>	OPEN OR CLOSED TYPE SYSTEM <b>Pressure</b>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>Pressure</b>	APPROX. PRESSURE (PSI) <b>1900</b>
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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 - <b>Yes</b>	WATER TO BE DISPOSED OF <b>Yes</b>	NATURAL WATER IN DISPOSAL ZONE <b>Yes</b>	ARE WATER ANALYSES ATTACHED? <b>No</b>
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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? <b>Yes</b>	SURFACE OWNER <b>Yes</b>	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL <b>Yes</b>
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) <b>Yes</b>	PLAT OF AREA <b>Yes</b>	ELECTRICAL LOG <b>No</b>
		DIAGRAMMATIC SKETCH OF WELL <b>Yes</b>

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

*M. P. Sikes 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 Sec 28-235-37E Co. Lea St. NM

GL=3294'

" PROPOSED "  
Completion

10" hole for 13<sup>3/8</sup>" CSG  
12<sup>1/4</sup>" hole for 9<sup>5/8</sup>" CSG  
8<sup>3/4</sup>" hole for 7" CSG

13<sup>3/8</sup>" OD 48# Grade SS Set @ 307'  
w/ 300 SX cmt. Circulated - Yes  
Cement Type Unknown (probably in case)

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

9<sup>5/8</sup>" OD 36# Grade H-40, Set @ 2719' w/ 1200 SX TSITC @ 1695  
1200 SX 2% opt 100 SX neat (in case)

Liner Top @ 2680'  
CSG leaks 3562-3593 & 3685-3695 sgzd w/ 375 SX cmt  
8' collapse in 7" CSG @ 5305' sgzd with 200 SX Tstd to 800# ok

7336-7392 } Propose to sgzd off  
2-1/2" JHDF } perfs. before beginning injection

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

Proposed  
Injection pkr  
set @ approx.  
9080

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

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

2-5" CJEP  
9437'

PB 9637

Baker Mod. K cmt. set @ 9713'

9810 } 6-15/32 sgzd w/ 500 SX  
9820 } JHDF cmt.

7" 23 # 26# Set @ 10185' w/ 575 SX TSITC @ 7810'  
Grade 54, N-80, H14 J-55 (in case)  
575 SX Bulk cmt.

TD 10,218'

April 14, 1978

Gulf Oil Exploration & Production Co.  
P. O. Box 670  
Hobbs, New Mexico 88240

Re: Administrative Order No.  
SWD-204

Gentlemen:

Enclosed herewith please find Administrative  
Order SWD-204 for the following described well:

C. E. LaMunyon Well No. 6  
located in Unit A of  
Section 28, Township 23  
South, Range 37 East,  
NMPM, Lea County, New Mexico.

Very truly yours,'

JOE D. RAMEY  
Director

JDR/CU/og

cc: Oil Conservation Division  
Box 1980  
Hobbs, New Mexico