

# Collier Energy, Inc. <sup>★</sup> <sup>★</sup>

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APR 23 1981

*EFFECTIVE  
NOW  
assign SW#*

April 16, 1981

OIL CONSERVATION DIVISION  
SANTA FE *237*

New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501

RE: State B-1111, Well #3  
T-17-S, R-28-E, N.M.P.M.  
Section 22: 2310' FNL &  
2310' FEL  
Eddy County, New Mexico

Attention: Mr. Joe Ramey

Gentlemen:

Pursuant to Rule #701-C, please consider this letter as our application for Administrative Approval to convert the above captioned T/A Injection well to an active salt water disposal well. This injection well was part of an original flood authorized under Order #R2461, Case #2775 on March 20, 1963. This flood has been shut-in for some period of time and none of the injection wells are currently active. We propose to return the captioned well back to injection to use as a salt water disposal well to handle the produced water from our wells producing from the East Empire Yates Seven Rivers Field in Section 22 of Township 17 South, Range 28 East, Eddy County, New Mexico. This salt water disposal well will allow us to cease hauling water to other disposal wells as well as eliminate the pitting of any of our water on this section.

I am enclosing a schematic diagram which shows the casing and cementing program on well #3. Total depth is 1975'. 8 5/8" casing was set at 550' as a surface string. 7" casing was run and cemented at 1717'. A 4 1/2" full string was run and set at 1915' and cemented with 50 Sxs. Estimated calculated top of cement @ 75% fill-up is 1347'. Our plan is to inject below a packer set near the bottom of the 4 1/2" casing using 2" plastic coated tubing. Injection will be contained in the open hole from 1915' to 1975'. We anticipate the injection rate will be on the order of 100 barrels per day and injection pressure estimated to be approximately 1000#.

Please advise if additional information is required.

Sincerely,

COLLIER ENERGY, INC.

*Donald R Craig*

Donald R. Craig  
President

*Pressure  
Annual  
Survey  
limit*

DRC:cm

Well History Summary Sheet

OIL CONSERVATION DIVISION  
SANTA FE

Operator Collier Energy, Inc. Well Name & # State B-1111, #3

WELL HISTORY

Located in Unit Letter F  
2310' FNL & 2310' FEL, Section 22  
T-17-S, R-28-E, Eddy County, New Mexico

Surface: 8 5/8 "  
# Gr. \_\_\_\_\_  
@ 550 Cmt. w/  
Sx.TOC \_\_\_\_\_  
Hole Size \_\_\_\_\_ "  
Max Mud Wt. \_\_\_\_\_ #/G

Spud 10/9/34  
Compl. 12/15/34

T.D. 1975'

Completed w/100 qts. nitro from 1955'  
to 1975'

Intermediate:  
7 "  
Gr \_\_\_\_\_ #  
@ 1717'  
Cmt w/ 50 Sx.  
TOC @ \_\_\_\_\_, Hole  
Size \_\_\_\_\_, Max Mud  
Wt. \_\_\_\_\_ #/G

5/23/63: Perforated well @ 1450'  
squeeze well w/175 Sxs. cmt.  
Cmt. did not circulate,  
however, had good returns.  
Cleaned out to T.D.

12/3/64: Ran 59 jts. (1915') 4 1/2"  
O.D., 9.5# casing set @ 1915'.  
Cemented w/50 Sxs. Est. top  
of cmt. @ 1347' based on 75%  
fill-up.

Production: 4 1/2 "  
9.5 #, \_\_\_\_\_ Gr.  
@ 1915', Cmt. w/  
50 Sx, TOC @  
1347', Hole Size  
Mx Mud Wt.  
#/G

TD 1975'