



# CABOT PETROLEUM CORPORATION

OIL AND GAS  
DRILLING AND PRODUCTION

806/669-2581

P. O. BOX 5001, PAMPA, TEXAS 79065

May 3, 1985

Mr. Roger L. Copple  
Attorney at Law  
First Northern Plaza  
P. O. Box 40  
Santa Fe, New Mexico 87504-0040

Dear Roger:

Re: Cabot Petroleum Corporation  
Application for Brine Water Disposal  
J. L. Reed No. 3  
Lea County, New Mexico  
Oil Conservation Division Case No. 8563

On May 1, 1985 I met with Mr. Jerry Sexton at his office in Hobbs and worked up some amendments to the subject applications.

Cabot hereby agrees to the following:

- (1) Max Injection Pressure: 900 psi  
Average: 800 psi
- (2) Extend bottom of injection zone to 9000'.
- (3) On the three producing wells within 1/2 mile of proposed injection well (i.e. J. L. Reed No. 2, State of New Mexico "C" No. 1, and State of New Mexico "C" No. 2) Cabot Petroleum will run tracer logs to determine that fluid pumped into the 8-5/8" x 5-1/2" annulus from ground level travels below each surface casing shoe. Cabot will then place cement between the 5-1/2" and drill hole below the surface casing shoe to further protect any possible upward migration of brine water. Cabot requests that we be allowed to do this at the first time that a pulling unit is required for a pump change.

*Note: It will be the responsibility of the Hobbs District office to make sure that this work gets done.*

*DC.*

*5-15-85*

Sincerely,

George A. Forrest  
Senior Petroleum Engineer

GAF:lp

cc: Mr. Jerry Sexton  
State of New Mexico Energy and Mineral Dept  
Oil Conservation Division  
P. O. Box 1980, Hobbs, New Mexico 88240



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
 OIL CONSERVATION DIVISION  
 HOBBS DISTRICT OFFICE

TONY ANAYA  
 GOVERNOR

POST OFFICE BOX 1980  
 HOBBS, NEW MEXICO 88240  
 (505) 393-6161

OIL CONSERVATION DIVISION  
 P.O. BOX 2088  
 SANTA FE, NEW MEXICO 87504-2088

RE: APPLICATION FOR PRESSURE LIMIT INCREASE FOR DISPOSAL & INJECTION WELLS

Gentlemen:

I have examined the step rate test for the:

Cabot Petroleum Corp.	Reed #3 SWD	G	35-13-37
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

OK

Very truly yours

Jerry Sexton  
 Supervisor, District I

/bp



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

TONEY ANAYA  
GOVERNOR

August 26, 1985

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88240  
(505) 393-6161

Cabot Petroleum Corporation  
Attn: Mr. Rodney C. Boyd  
Box 5001  
Pampa, TX 79065

SUBJECT: J.L. Reed #2-A Sec 35, T13S, R37E

Dear Mr. Boyd:

Our records indicate that the cementing committed to on wells near your proposed SWD well J.L. Reed #3-G 35-13-37 SWD-286, has been completed on the following:

- New Mexico C State #1
- New Mexico C State #2
- Howard Fleet #2

Your August 19, 1985, letter outlining your attempt to perforate and squeeze the J.L. Reed #2 has been reviewed and we feel that any further attempt at squeezing is unwarranted at this time.

I am of the opinion that a satisfactory effort to squeeze this well has been made and that the recementing requirements have been met. have been met.

Very truly yours,

OIL CONSERVATION DIVISION

  
Jerry Sexton  
Supervisor, District I

JS/ED

cc: Mike Stogner, OCD Santa Fe  
File