



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

August 6, 1980

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Energy Reserves Group
P. O. Box 3280
Casper, Wyoming 82602

Re: Injection Pressures
Gallegos Canyon Unit
Wells Nos. 306 and 307
SWD-225

Gentlemen:

After reviewing the instantaneous shut down pressures for the above mentioned wells, you are hereby authorized to inject salt water at a surface injection pressure not to exceed 1000 psig.

Yours very truly,

JOE D. RAMEY
Director

JDR/MH/fd

Energy Reserves Group, Inc.
P.O. Box 3280
Casper, Wyoming 82602
Phone 307 265 7331



July 31, 1980

Oil Conservation Commission
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87501

Subject: Request to increase injection pressure on Gallegos Canyon Unit #306 and #307 from 600 psi to 1000 psi.

Gentlemen:

Administrative Order No. SWD-225 authorizes the injection of Salt Water into Gallegos Canyon Unit #306 and #307, with a limit of 600 pounds per square inch surface pressure. This limit will not allow sufficient rate for our purposes. It is requested that the 600 pounds per square inch limit be increased to 1000 pounds per square inch surface pressure in light of the following data:

Gallegos Canyon Unit #306.

Acid Treatment - perfs 3,022'-3,190' - ISDP 1250 psi
Acid Treatment - perfs 3,306'-3,368' - ISDP 1200 psi
Acid Treatment - perfs 3,520'-3,600' - ISDP 1300 psi

Gallegos Canyon Unit #307.

Acid Treatment - perfs 2,952'-3,014' - ISDP 1350 psi
Acid Treatment - perfs 3,188'-3,280' - ISDP 1200 psi
Acid Treatment - perfs 3,372'-3,500' - ISDP 1200 psi
Frac Treatment - entire zone - ISDP 1400 psi

Since the instantaneous shutdown pressure is a reflection of formation fracture pressure, and the lowest ISDP was 1200 psi. I feel that 1000 psi is still well below the formation fracture pressure.

Very truly yours,
ENERGY RESERVES GROUP, INC.

A handwritten signature in black ink, appearing to read "R.E. Schanaman".

R.E. Schanaman
Production Engineer
Rocky Mountain District

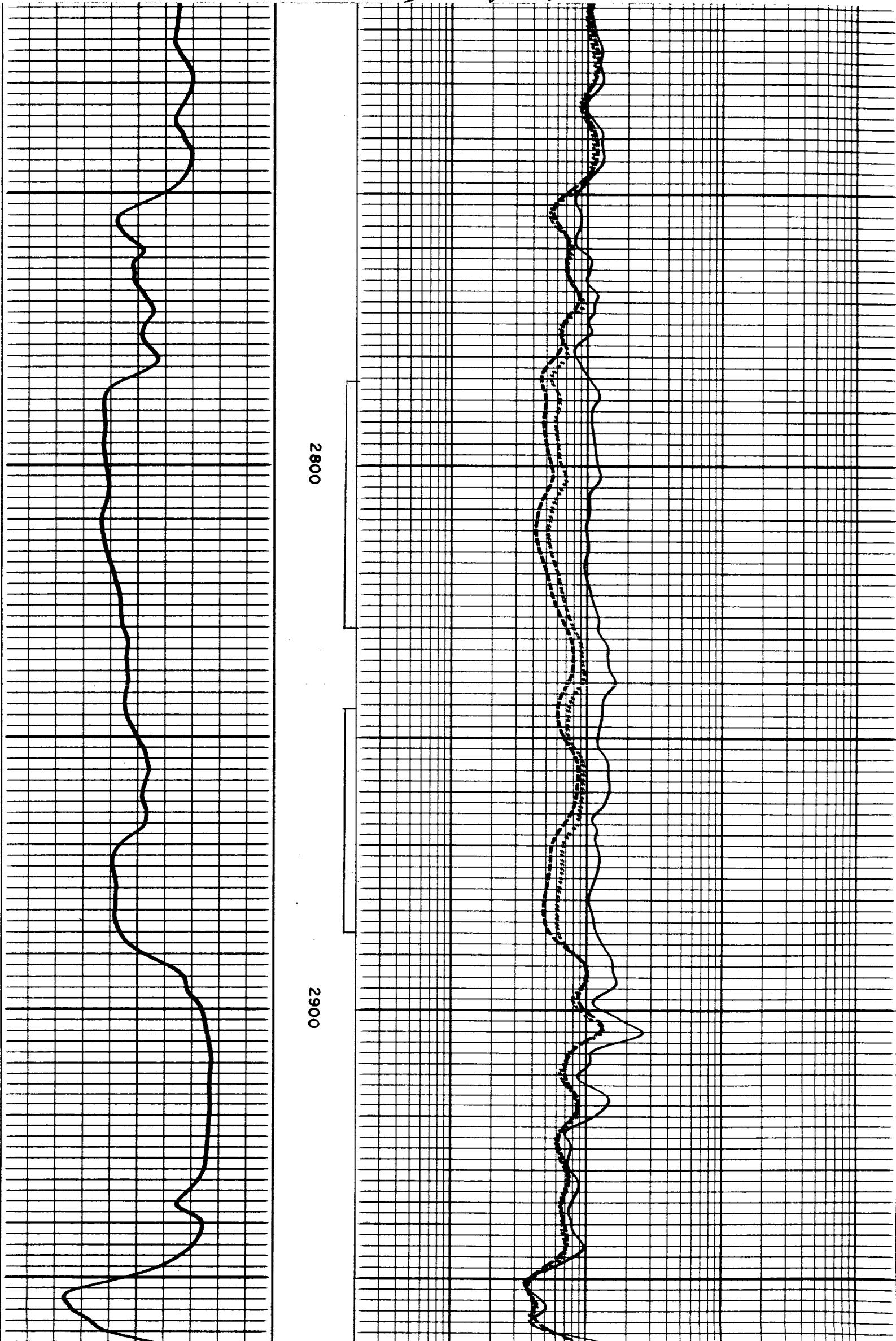
RES:er1

Gallegos Canyon Unit # 307

Sec 30-T29N-R12W

San Juan County, New Mexico

Proposed Perfs - 2785' - 2830'; 2845' - 2886' w/2 JSPF
(174 perfs, 86' net, 101' gross)





September 1, 1980



Amoco Production Company

Denver Region
Amoco Building
17th & Broadway
Denver, Colorado 80202
303-830-4040

Joe D. Ramey, Director
New Mexico Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

File: HAS-267-986.511

Dear Mr. Ramey:

Dual Completion, Gallegos Canyon Unit Well No. 306 as
Fruitland Producer and Mesaverde Injector,
San Juan County, New Mexico

Amoco, as an affected offset operator, has no objection to Energy Reserves Group's proposal submitted to us by letter of August 19, 1980, to dually complete the Gallegos Canyon Unit Well No. 306 in Unit I of Section 19-T29N-R12W as a Fruitland producer and Mesaverde injector (produced water disposal well).

Very truly yours,

A handwritten signature in cursive script that reads "R. B. Giles".

R. B. Giles

RBG:dmh

cc: Ron E. Schanaman
Energy Reserves Group, Inc.
P. O. Box 3280
Casper, WY 82602

AEW816