OIL CONSERVATION COMMISSION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

June 8, 1978

Petroleum Corporation of Texas
P. O. Box 911
Breckenridge, Texas 76024

Gentlemen:

Enclosed herewith please find Administrative Order No. SWD-208 for the following described well:

Mary Ann Cannon Well No. 7
located in Unit O of Section 27, Township 10 South, Range 25 East, NMPM, Chaves County, New Mexico.

Very truly yours,

JOE D. RAMEY
Division Director

JDR/CU/og

cc: Oil Conservation Commission
Drawer DD
Artesia, New Mexico

BRECK OPERATING CORP.
P. O. BOX 911
BRECKENRIDGE, TEXAS 76024-0911

August 26, 1987

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

Attn: Dave Catanach

Re: Mary Ann Cannon, Well #7
Bitterlake SA, South Field
Chaves County, New Mexico

Gentlemen:

Attached is a copy of the Step Rate Test run for the Mary Ann Cannon, Well #7. The well is located 1315' FSL and 2635' FEL of Section 27, Twp. 10S, Rge. 25E. According to the Step Rate Test, the formation parted at 290 psi. We request that our maximum authorized injection pressure be raised from the current 180 psi to 275 psi. This increase will allow us to dispose of our produced water and remain under our authorized injection pressure.

If you request any further information, please feel free to contact us.

Very truly yours,

Kevin G. Duncan

Kevin G. Duncan
Petroleum Engineer

KGD/es
xc: KGD/DDW/FFD/WR
xc: Mike Williams
District II Office
Artesia, New Mexico

Enclosure

B & D WELL TESTERS

Step Rate Test

Phone (505) 397-3914 — Hobbs, New Mexico 88240

Company Breck Operating Corp. — Test Date 8-17-87 — Unit

Lease Mary Ann Cannon

Total Depth — Plug Back TD — Elevation — Well # 7 SWD

Csg size — Wt — d — Set at — Perfs: From — To — Sec 27 Twp-Blk 10S Rge 25E

Tbg size — Wt — d — Set at — Perfs: From — To — County Chaves State New Mexico

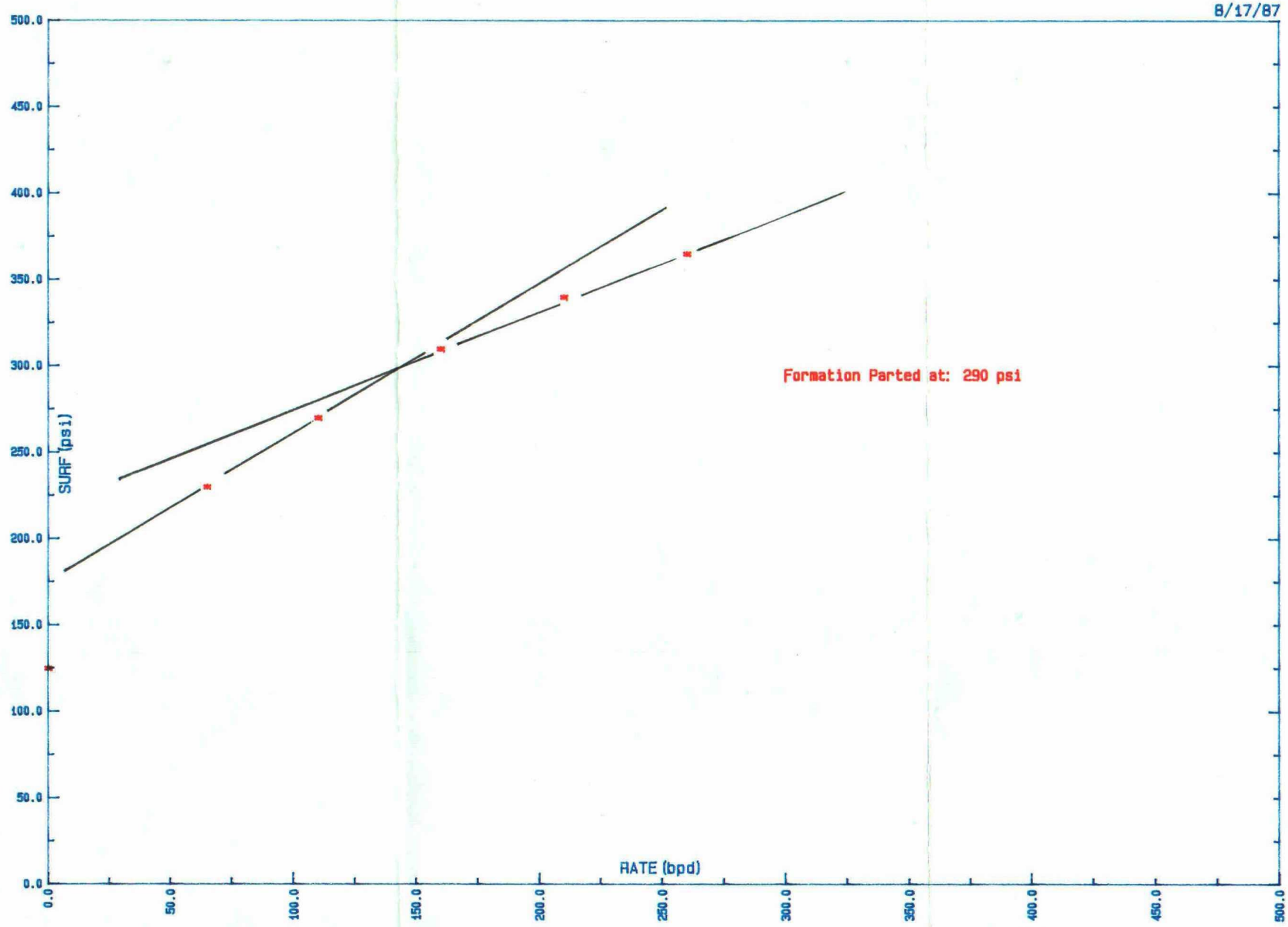
Producing thru — Packer set at — Co. Rep Roy Turner

Time of Reading	Elap Time Hrs.	Well Information: Rate BBLS Per Day	Total BBLS Per Rate	Surface PSIG	Surface PSI Cor for Friction	BHP	Remarks
9:15	SI			125			
9:20				125			
9:25				125			
9:45	Start Test			125			
9:50				190			
9:55				210			
10:00		65	.68	230			
10:05				250			
10:10				260			
10:15		110	1.15	270			
10:20				290			
10:25				300			
10:30		160	1.66	310			
10:35				320			
10:40				330			
10:45		210	2.20	340			
10:50				350			
10:55				360			
11:00		260	2.70	365			End Test
11:21				350			5 minute fall off
11:02				340			
11:03				340			
11:04				330			
11:05				330			

B & D WELL TESTERS

Customer: Breck Operating
Well: Mary Ann Cannon #7

8/17/87



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

September 11, 1987

Breck Operating Corporation
P.O. Box 911
Breckenridge, Texas 76024-0911

RE: Injection Pressure Increase
Mary Ann Cannon
Well No. 7
Chaves County, New Mexico

Dear Sir:

Reference is made to your request dated August 26, 1987, to increase the surface injection pressure on the above referenced well. This request is based on a step rate test conducted on the well on August 17, 1987. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on the well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following well.

WELL & LOCATION	MAXIMUM INJECTION SURFACE PRESSURE
Mary Ann Cannon Well No. 7 Unit O, Section 27, Township 10 South, Range 25 East, Chaves County, New Mexico.	240 PSIG

The Division Director may rescind this injection pressure increase it is becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

WILLIAM J. LEMAY
Director

cc: OCD - Artesia
D. Catanach
D. McDonald
File - SWD-203