



TONY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

March 25, 1986



1935 - 1985

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Bliss Petroleum, Inc.
P.O. Box 1817
Hobbs, New Mexico 88241

Attention: Paul Bliss

Re: Injection Pressure Increase
State "AR" No. 1
Lea County, New Mexico

Dear Sir:

Reference is made to your request of February 28, 1986 to increase the surface injection pressure on your State "AR" No. 1 SWD Well. This request is based on a step rate test conducted on the well on February 26, 1986. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

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

<u>Well & Location</u>	<u>Maximum Injection Surface Pressure</u>
State "AR" No. 1 Section 2, T-11S, R-37E, Lea County, New Mexico	1200 PSIG

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

Sincerely,

R. L. Stamets
Director

RLS/DRC/et

cc: OCD - Hobbs
SWD - 284 File
Donna McDonald



BLISS PETROLEUM, INC.

(505) 393-7320

• P.O. BOX 1817

• HOBBS, N.M. 88241

February 28, 1986

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: R. L. Stamets - Director

Re: State AR#1 - SWD
Order SWD - 284
Lea County, New Mexico

Dear Mr. Stamets:

Attached for your information are data from a Step Rate Test taken on the State AR#1-SWD well February 26, 1986. This was done in an effort to determine the fracture pressure in the injection formation. Based on the information from the test it was determined that the fracture pressure was 1250 psig. By Administrative Order No. SWD-284 the limiting pressure on the wellhead was 851 psig. We are requesting a change in the limit on the wellhead pressure to 1200 psig. Thank you for your cooperation in this matter.

Sincerely,

Paul Bliss
President

PB:db
enclosures

cc: Mr. Jerry Sexton
Energy and Minerals Dept.
Oil Conservation Division
P. O. Box 1980
Hobbs, N.M. 88240

B & D WELL TESTERS

Step Rate Test

Phone (505) 397-3914

Hobbs, New Mexico 88240

Company Bliss Petroleum						Test Date 2-26-86		Unit K
Total Depth 11,500		Plug Back TD 11,290		Elevation 3957 DF		Lease State AR		
Csg size 2 7/8 WPC		Set at		Perfs: From 4255 To 4544		Well # 1 SWD		
Tbg size 2 7/8 WPC		Set at		Perfs: From		Sec 2 Twp-Blk 11 Rge 37		
Producing thru						Packer set at 4177		
Well Information						County Lea State New Mexico		
Co. Rep T. Carapezza								
Time of Reading	Elap Time Hrs.	Rate BBLs Per Day	Total BBLs Per Rate	Surface PSIG	Surface PSI Cor for Friction	BHP	Remarks	
3:45				850				
3:50	Start			850				
3:55		200		875				
4:00		200		880				
4:05	:15	200		890				
4:10		300		910				
4:15		300		925				
4:20	:30	300		935				
4:25		400		960				
4:30		400		980				
4:35	:45	400		990				
4:40		500		1020				
4:45		500		1040				
4:50	1:00	500		1050				
4:55		600		1080				
5:00		600		1100				
5:05	1:15	600		1110				
5:10		700		1140				
5:15		700		1160				
5:20	1:30	700		1170				
5:25		800		1200				
5:30		800		1205				
5:35	1:45	800		1220				
5:40		900		1240				
5:45		900		1250				
5:50	2:00	900		1266				
5:55		1000		1290				
6:00		1000		1295				
6:05	2:15	1000		1300				

2-26-86

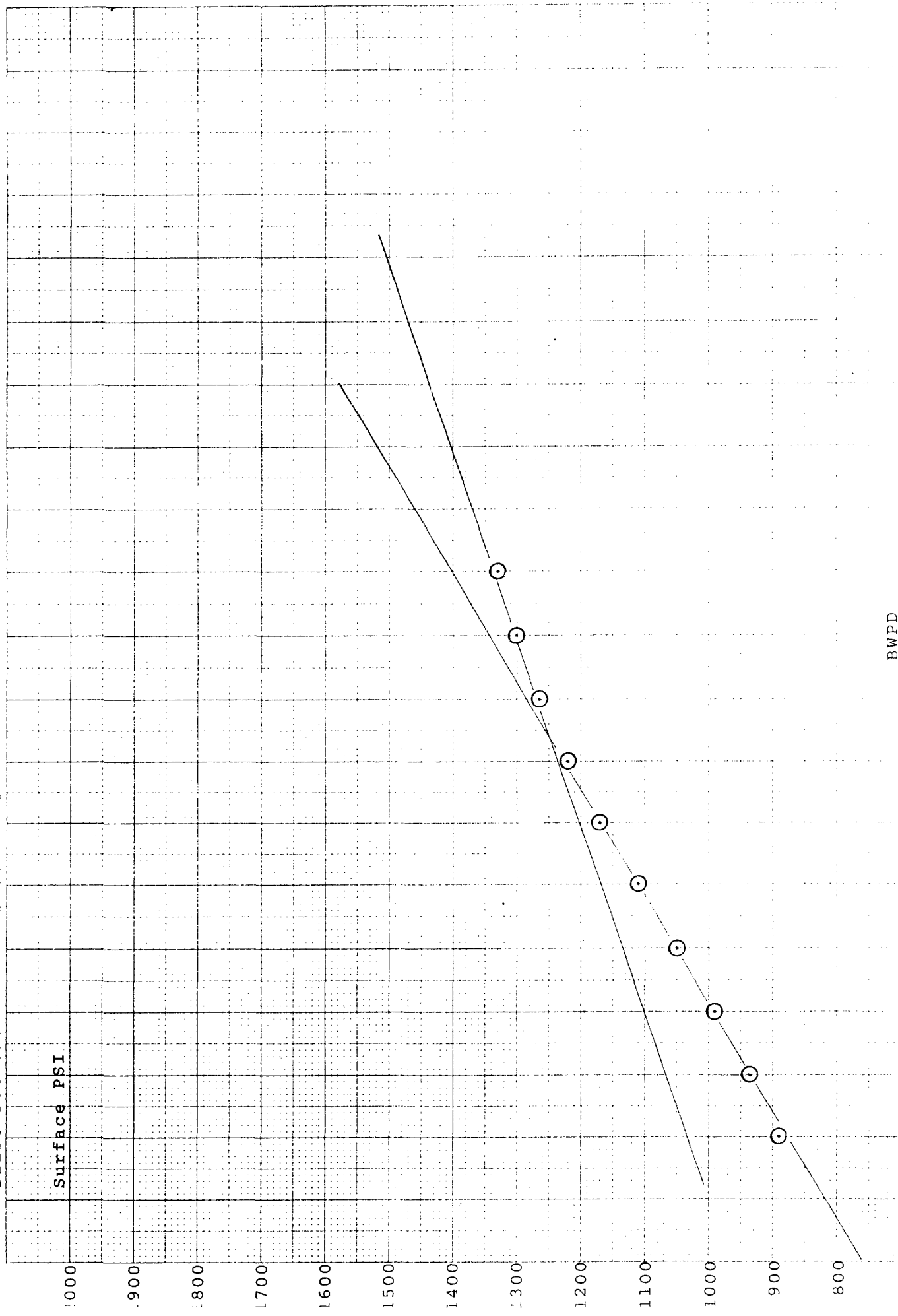
State AR #1 SWD

Bliss Petroleum

Surface PSI

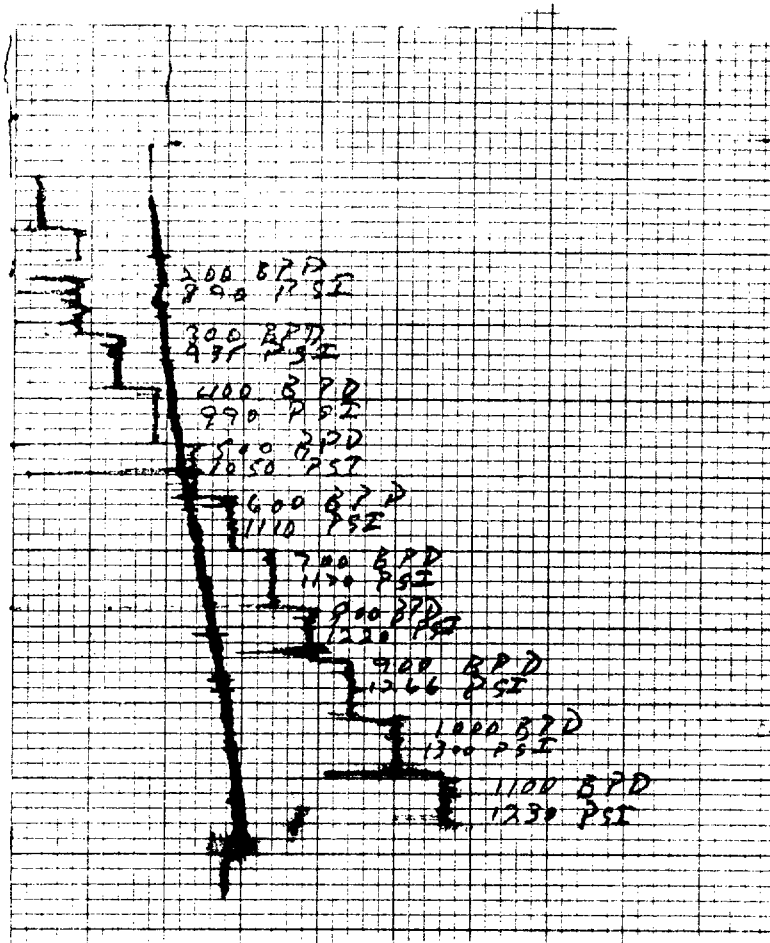
BWPD

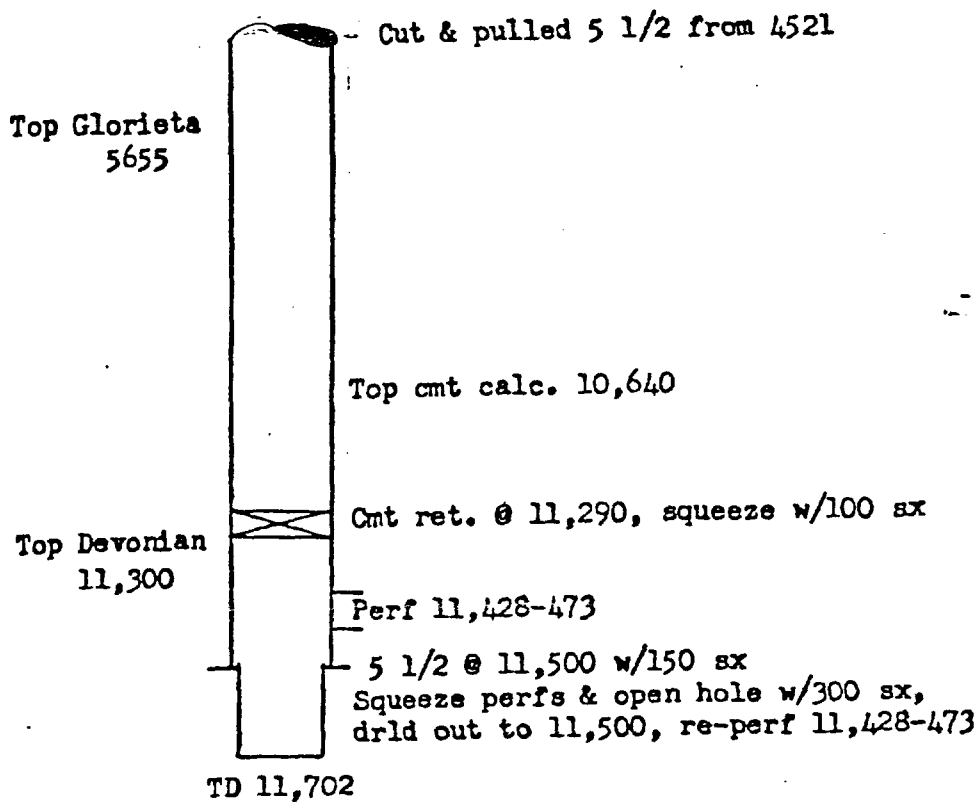
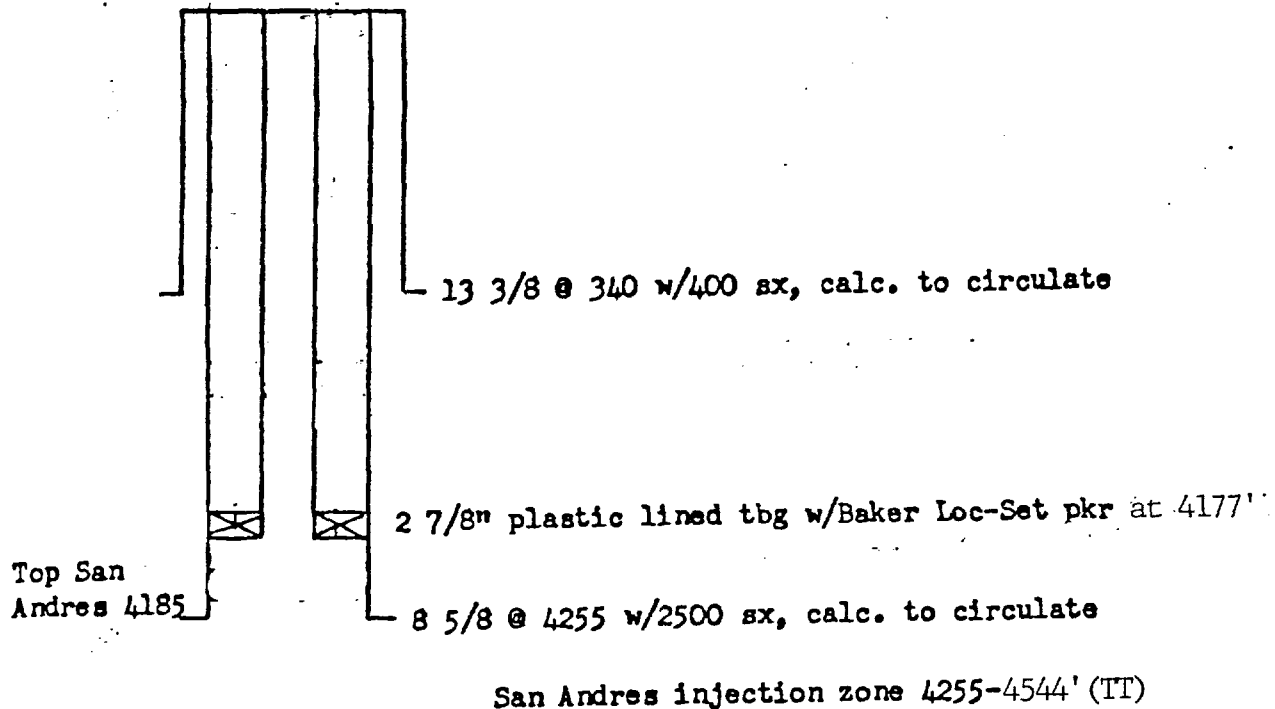
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Bliss Petroleum
State AR Well #1 SWD
2-26-86

GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK





Bliss Petroleum, Inc.
 State "AR" #1
 Current Wellbore Status
 660' FNL & 1980' FWL
 Sec. 2, T11S, R37E