

Lynx Petroleum Consultants, Inc.

P. O. Box 1666
3325 Enterprise Drive
Hobbs, New Mexico 88240
505 392-6950

March 17, 1986

Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501
Attention Mr. R. L. Stamets

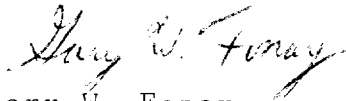
Re: State BD No. 2

Dear Mr. Stamets:

On December 10, 1985, Lynx Petroleum received approval to convert the subject well to injection. The administrative order provided for a maximum injection pressure of 838 psi. Lynx Petroleum has now run a step rate test (see attached) on the well showing parting pressure to be 2100 psi. Lynx Petroleum requests raising the approved injection pressure to 2050 psi.

If you have any questions or need additional information, please advise. Thank you very much.

Sincerely,
Lynx Petroleum Consultants, Inc.


Gary W. Fonay

attachment

xc: OCD, Hobbs

/sb

Step Rate Test

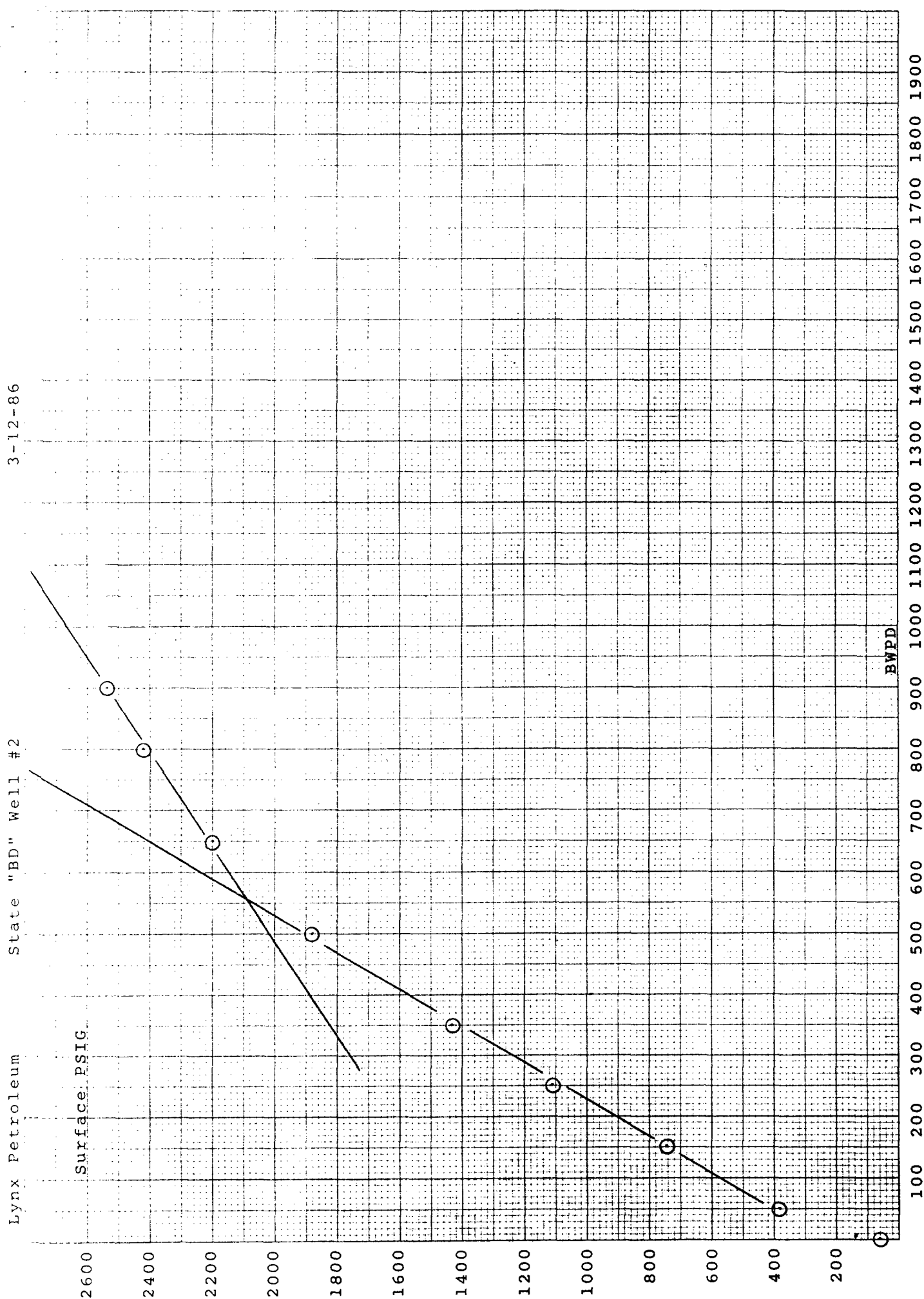
Hobbs, New Mexico 88240

Company Lynx Petroleum						Test Date 3-12-86		Unit
Total Depth 4518						Plug Back TD 4439		Elevation
Csg size 5 1/2						Wt d		Set at 4518
Perfs: From 4190						To 4349		
Tbg size 2 3/8						Wt PC d		Set at
Perfs: From						To		
Producing thru						Packer set at 3890		
Well Information								
Time of Reading	Elap Time Hrs.	Rate BBLS Per Day	Total BBLS Per Rate	Surface PSIG	Surface PSI Cor for Friction	BHP	Remarks	
8:30		Shut in		60			1" TM	
8:35	Start	50		60			4270 = Midway	
8:40		50		180				
8:45		50		280				
8:50	:15	50	.5	385				
8:55		150		535				
9:00		150		660				
9:05	:30	150	1.5	745				
9:10		250		895				
9:15		250		1010				
9:20	:45	250	2.6	1115				
9:25		350		1235				
9:30		350		1340				
9:35	1:00	350	3.6	1435				
Down form 9L35-2:00 - Restart Test @ 350 BPD - 1240 PSI								
2:00		350		1240				
2:05	Restart	500		1435				
2:10		500		1660				
2:15		500		1770				
2:20	1:15	500	5.1	1880				
Down for 10 minutes								
2:30	Restart	650		1880				
2:35		650		2050				
2:40		650		2120				
2:45	1:30	650	6.7	2200				
2:50		800		2310				
2:55		800		2370				
3:00	1:45	800	8.3	2420				
3:05		900		2475				
3:10		900		2510				
3:15	2:00	900	9.4	2540				

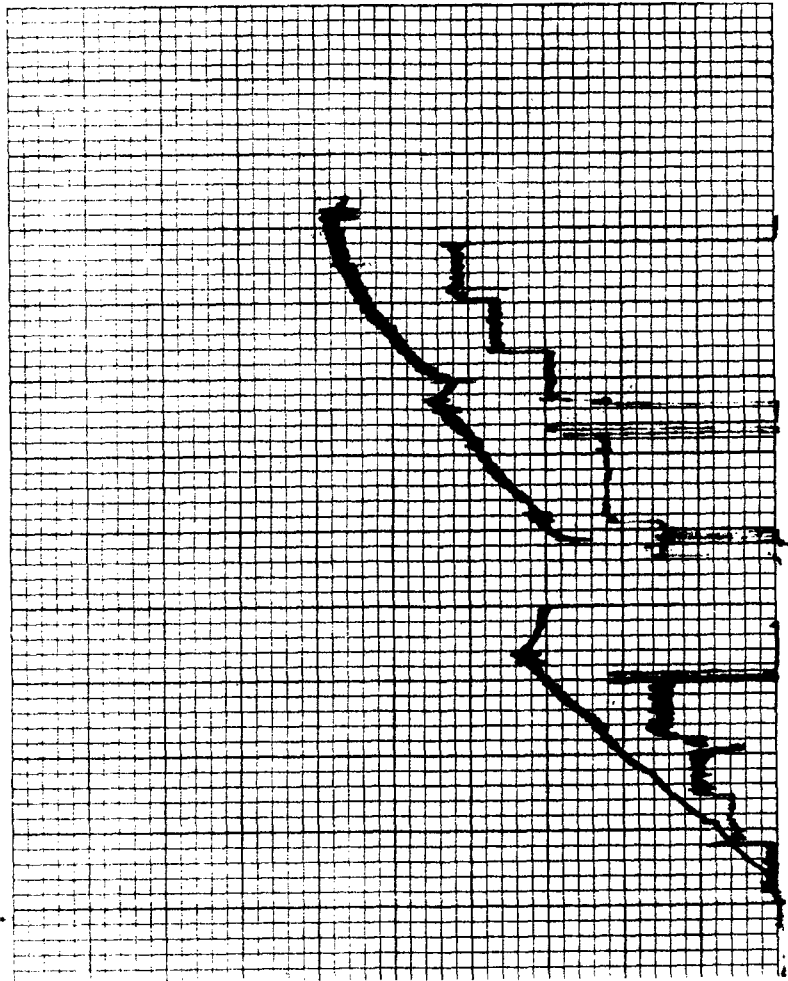
Step Rate Test

Hobbs, New Mexico 88240

[illegible]



Lynx Petroleum
State "BD" Well #2
3-12-86



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

TONEY ANAYA
GOVERNOR

March 19, 1986

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:

Lynx Petroleum Consultants	State BD #2-G	7-17-33
Operator	Lease & Well No.	Unit S-T-R

and my recommendations are as follows:

OK JS

Very truly yours

Jerry Sexton
Supervisor, District I

/bp