



ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

*Case File
5031*

January 8, 1987

GARREY CARRUTHERS
OFFICEPOST OFFICE BOX 2086
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
505/827-5800Yates Drilling Company
105 South 4th Street
Artesia, New Mexico 88210

Attn: Toby Rhodes

Re: Injection Pressure Increase
Artesia Metex Unit Well
No. 35 Eddy County, New
Mexico

Dear Sir:

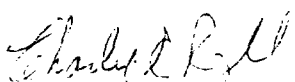
Reference is made to your request of December 11, 1986 to increase the surface injection pressure on your Artesia Metex Unit Well No. 35. This request is based on a step rate test conducted on the well on November 20, 1986. The results of the test have been reviewed by my staff and we feel an increase 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>
Artesia Metex Unit No. 35 1650 FNL & 330 FEL (Unit H) Section 26, T-18S, R-27E, NMPM, Eddy County, New Mexico	1110 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,


CHARLES ROYBAL,
Acting Director

DRC/et

cc: Oil Conservation Division - Artesia
Donna McDonald
D. Catanach

January 4, 1987

COMPANY: Yates Drilling Company
ADDRESS: 105 South 4th Street
CITY, STATE, ZIP: Artesia, New Mexico
ATTENTION: Toby Rhodes

Re: Injection Pressure Increase

Artesia Meter Unit

Well No. 35

Eddy County, New Mexico

Dear Sir:

Reference is made to your request of December 11, 1986 to increase the surface injection pressure on your Artesia Meter Unit Well No. 35. This request is based on a step rate test conducted on the well on November 20, 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 ~~well~~

Well & Location

Maximum Injection
Surface Pressure

Artesia Meter Unit No. 35

1110 PSIG

1650 FNL E 330 FEL (Unit H)

Section No. T-18S, R-27E, NMPM,
Eddy County, New Mexico.

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~~ Charles Roybal
Acting Director

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LAND OFFICE	
OPERATOR	

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DEC 15 1986
O. C. D.
ARTESIA, OFFICE

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

Form C-103
Revised 10-1-

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)		5a. Indicate Type of Lease State ☒ Fee ☐
6. State Oil & Gas Lease No. B-11083		
7. Unit Agreement Name Artesia Metex Unit		
8. Name of Operator Yates Drilling Company		
9. Well No. 35		
10. Field and Pool, or Wildcat Artesia-Qn-Grb-SA		
11. Location of Well UNIT LETTER <u>H</u> <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE, SECTION <u>26</u> TOWNSHIP <u>18S</u> RANGE <u>27E</u> NMPM.		
12. Elevation (Show whether DF, RT, GR, etc.) 3525' GL		13. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
FORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
ILL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER ☒ Conversion to WIW

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 10-28-86 Went in hole with casing scraper and bit to 1985'. Pull out of hole. Went in hole with 2 3/8" plastic lined tubing (56 joints). Set Guiberson Shorty Packer @ 1812'. Packed off tubing head and tested annulus to 370 psig. Approved by Johnny Robinson, NMOCD.
- 11-20-86 Conducted attached Step-Rate Test. Witnessed by Johnny Robinson, NMOCD. Formation parting pressure at surface 1160 psig at 380 BWPD.

We request permission to inject water at a maximum of 1110 psig surface pressure.

David Catarach

We witnessed this test & it looks okay to us
Mike Williams

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

WITNESSED BY Johnny Rhodes TITLE Engineer DATE 12-11-86

PROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

B & D WELL TESTERS

Step Rate Test

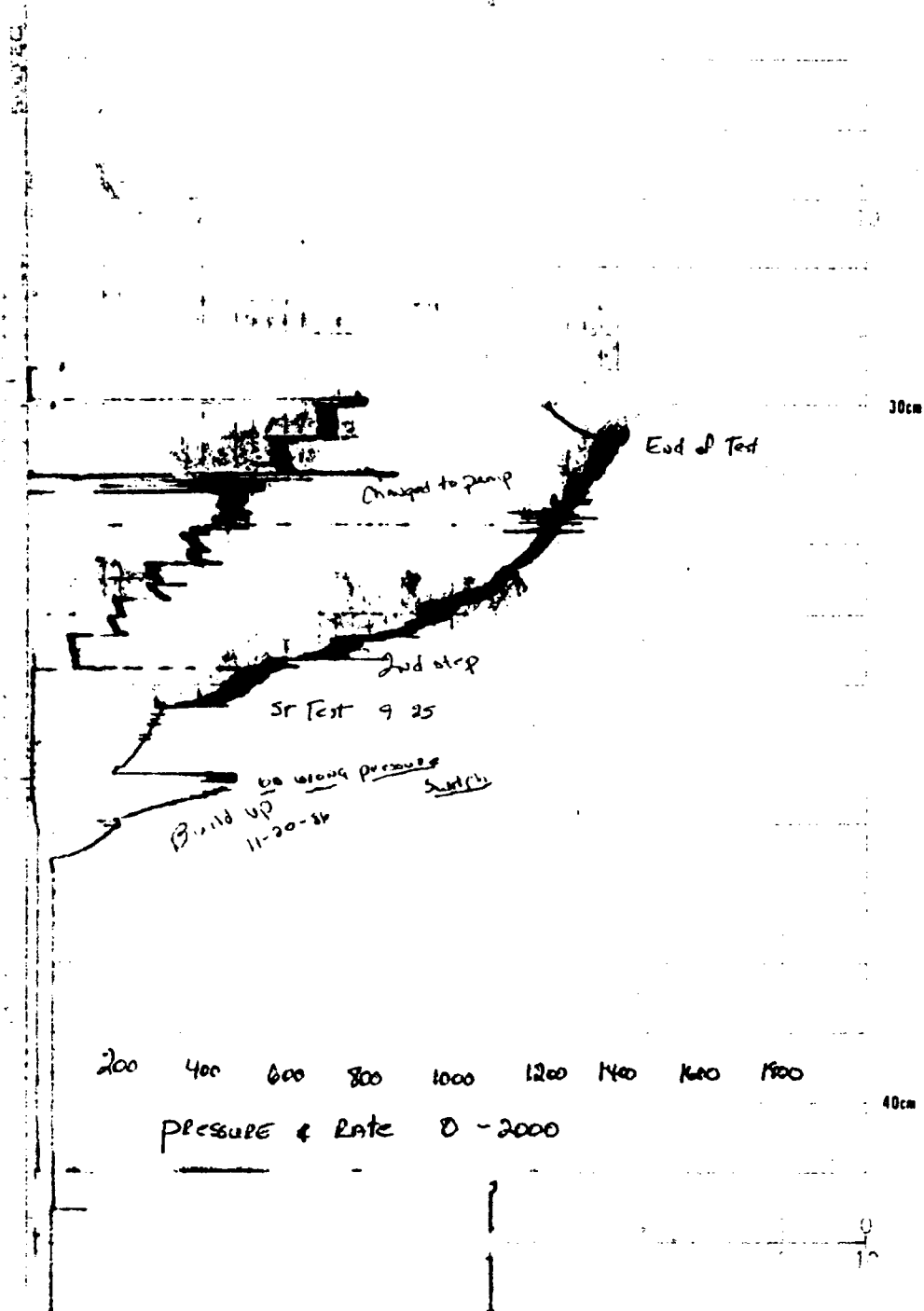
Phone (505) 397-3914

Hobbs, New Mexico 88240

Company Yates Drilling						Unit	H
Test Date 11-20-86						Lease	Me Tex
Total Depth	1987	Plug Back TD	1987	Elevation		Well #	35
Csg size	4 1/2	Wt	d	Set at	Perfs: From 1858 To 1939	Sec 26	Twp-Blk 18 Rge 27
Tbg size	2 3/8	Wt	d	Set at	Perfs: From To	County	Eddy State New Mexico
Producing thru tubing						Co. Rep	Mike Carter
Packer set at 1812							

Time of Reading	Elap Time Hrs.	Well Information					Remarks
		Rate BBLS Per Day	Total BBLS Per Rate	Surface PSIG	Surface PSI Cor for Friction	BHP	
8:39	Shut	In		20			Bled well back. Let pressure build to stabilize
8:40				80			
8:45				120			
8:50				160			
8:55				180			
9:00				210			
9:05				236			
9:10				254			
9:15				271			
9:20				288			
9:25	Start	Test		302			
9:30				461			
9:35				516			
9:40	:15	103.68	1.08	559			
9:45				683			
9:50				751			
9:55	:30	206.4	3.23	800			
10:00				907			
10:05				960			
10:10	:45	296.64	6.39	997			
10:15				1078			
10:20				1103			
10:25	1:00	398.4	10.54	1133			
10:30				1180			
10:35				1210			
10:40	1:15	489.6	15.64	1233			
10:48							
10:53				1280			
10:58				1300			
11:03	1:30	615.0	24.32	1310			
11:08				1344			
11:13				1354			
11:18	1:45	722.88	31.85	1368			

YATES DRILLING
ME TEX 35
11-20-86



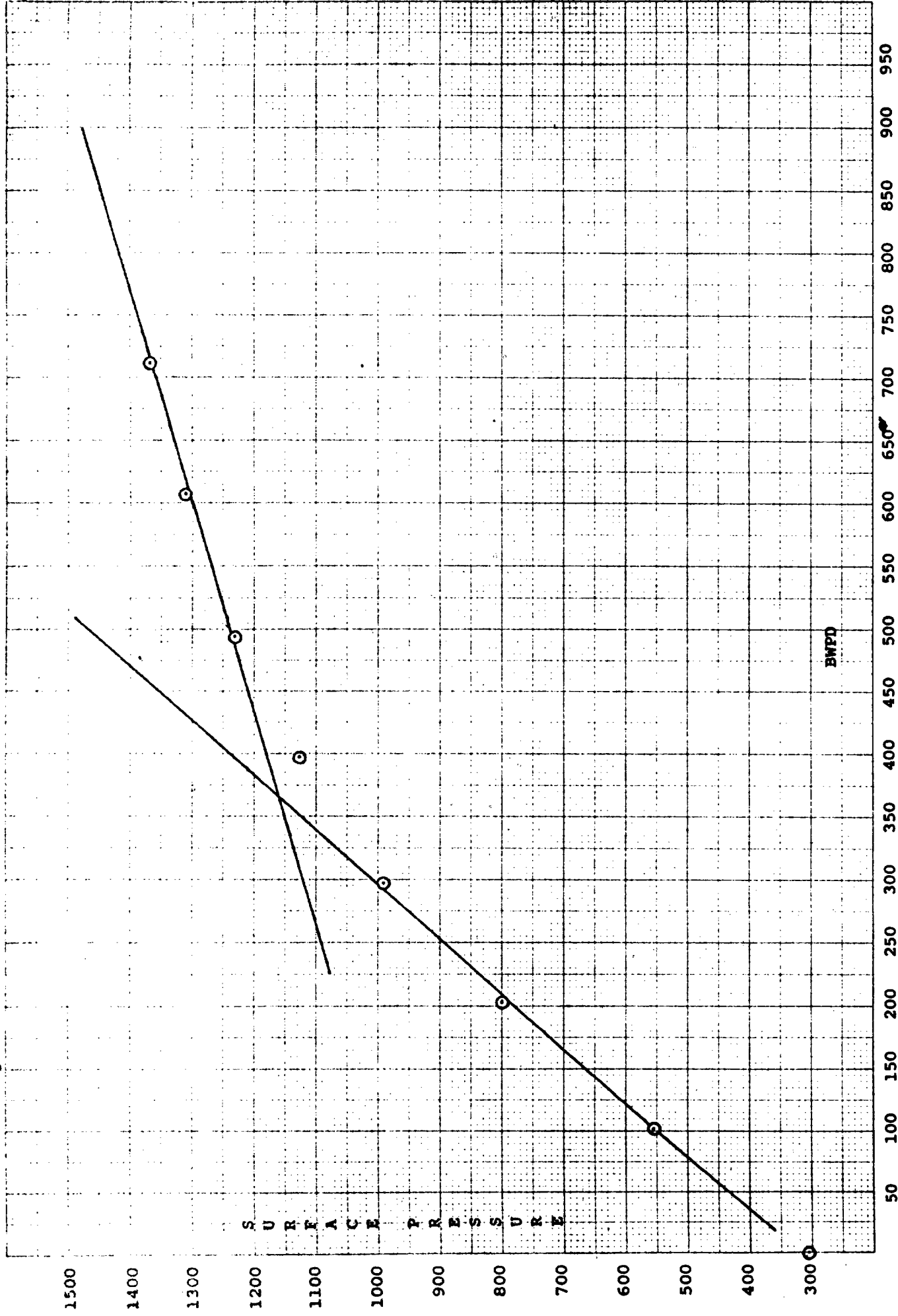
11-20-86

Me Tex 35

Yates Drilling

S U R F A C E P R E S S U R E

BWPD



B & D WELL TESTERS

Step Rate Test

Phone (505) 397-3914

Hobbs, New Mexico 88240

Company Yates Drilling						Test Date 11-20-86		Unit H
Total Depth 1987						Plug Back TD 1987		Elevation
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Producing thru tubing						Packer set at 1812		County Eddy State New Mexico
Co. Rep Mike Carter								
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Step Rate Test

Page #2

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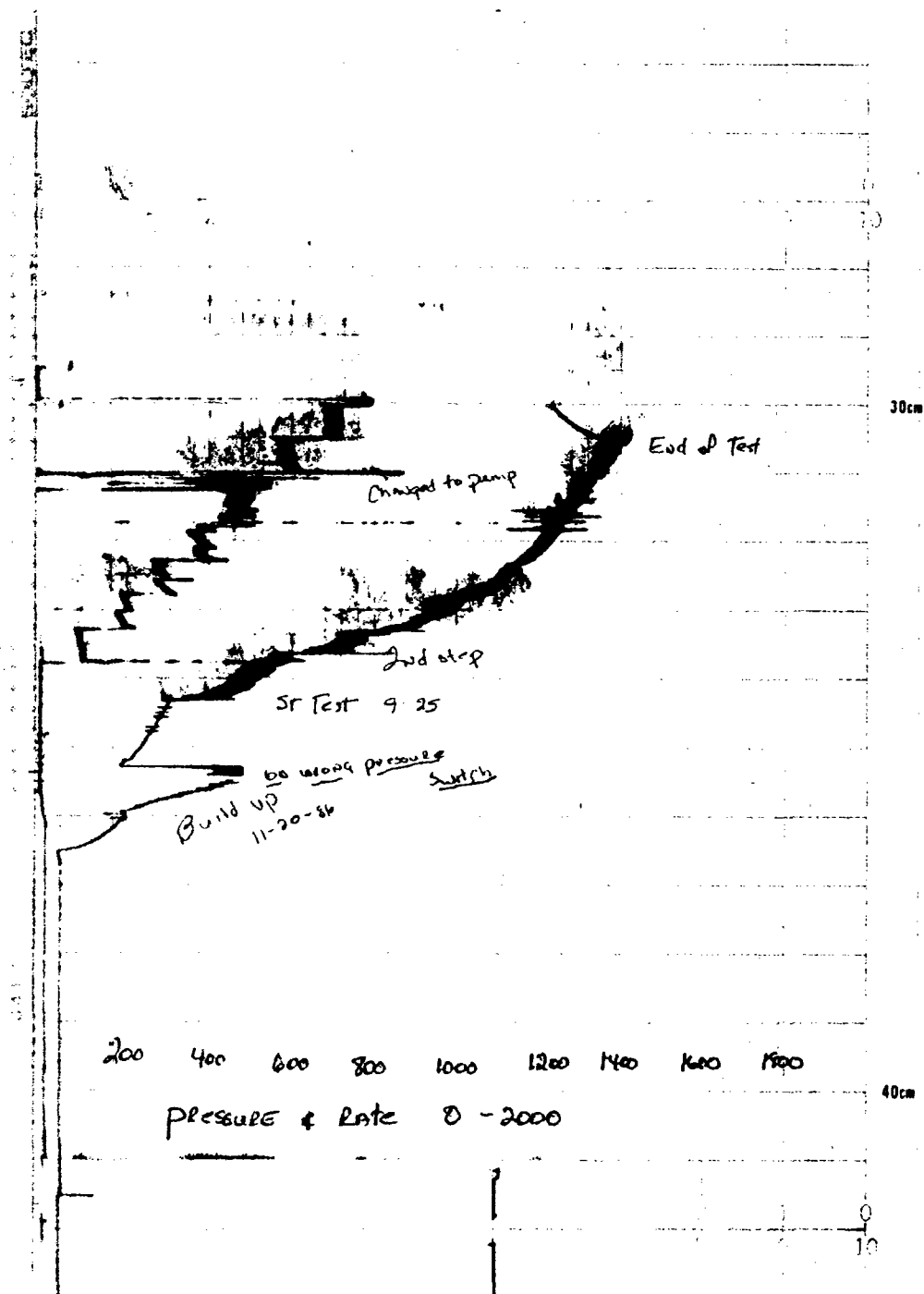
Hobbs, New Mexico 88240

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YATES DRILLING

ME TEX 35

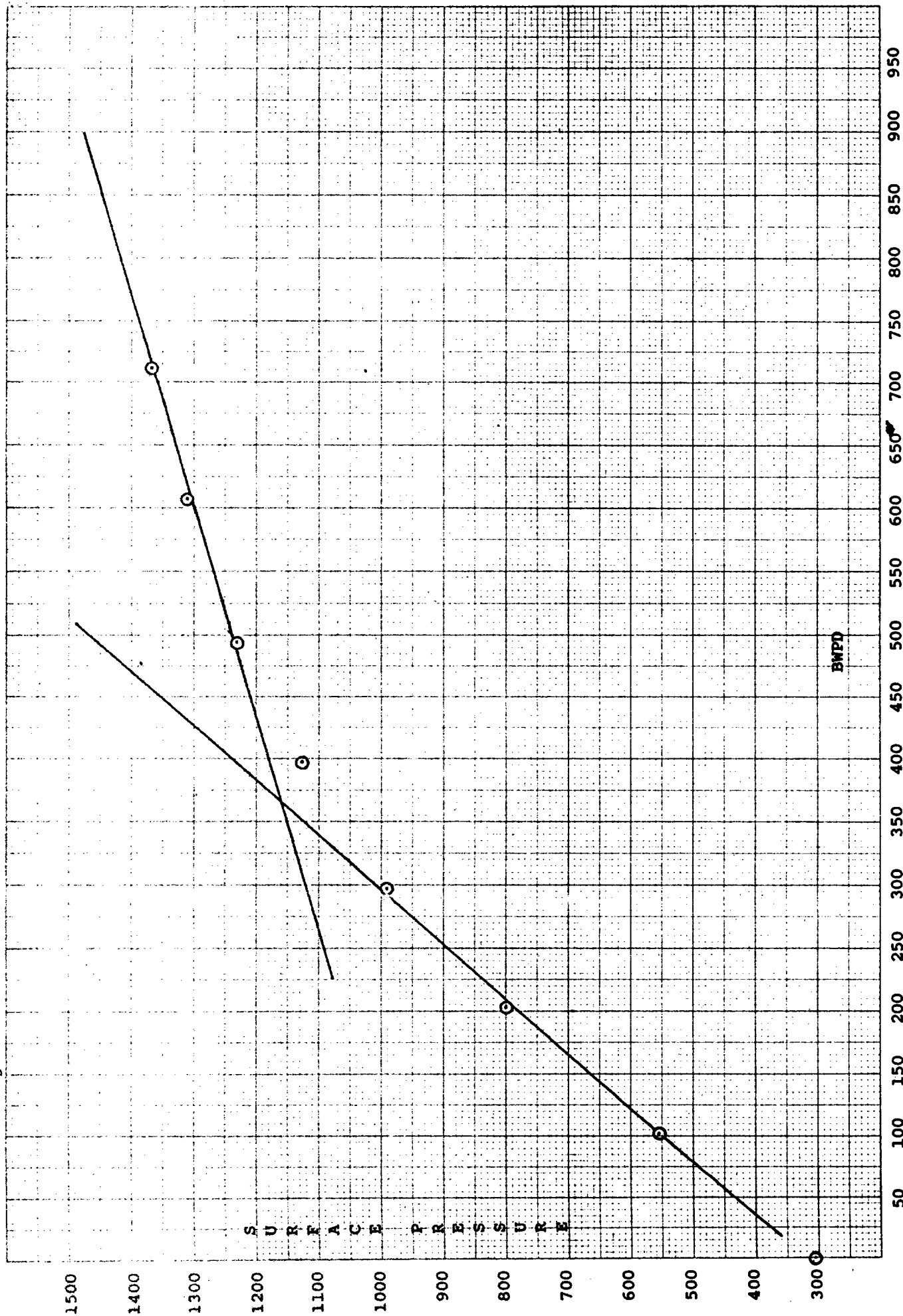
11-20-86



11-20-86

Me Tex 35

Yates Drilling



BWPD

B & D WELL TESTERS

Step Rate Test

Phone (505) 397-3914

Hobbs, New Mexico 88240

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Step Rate Test

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Hobbs, New Mexico 88240

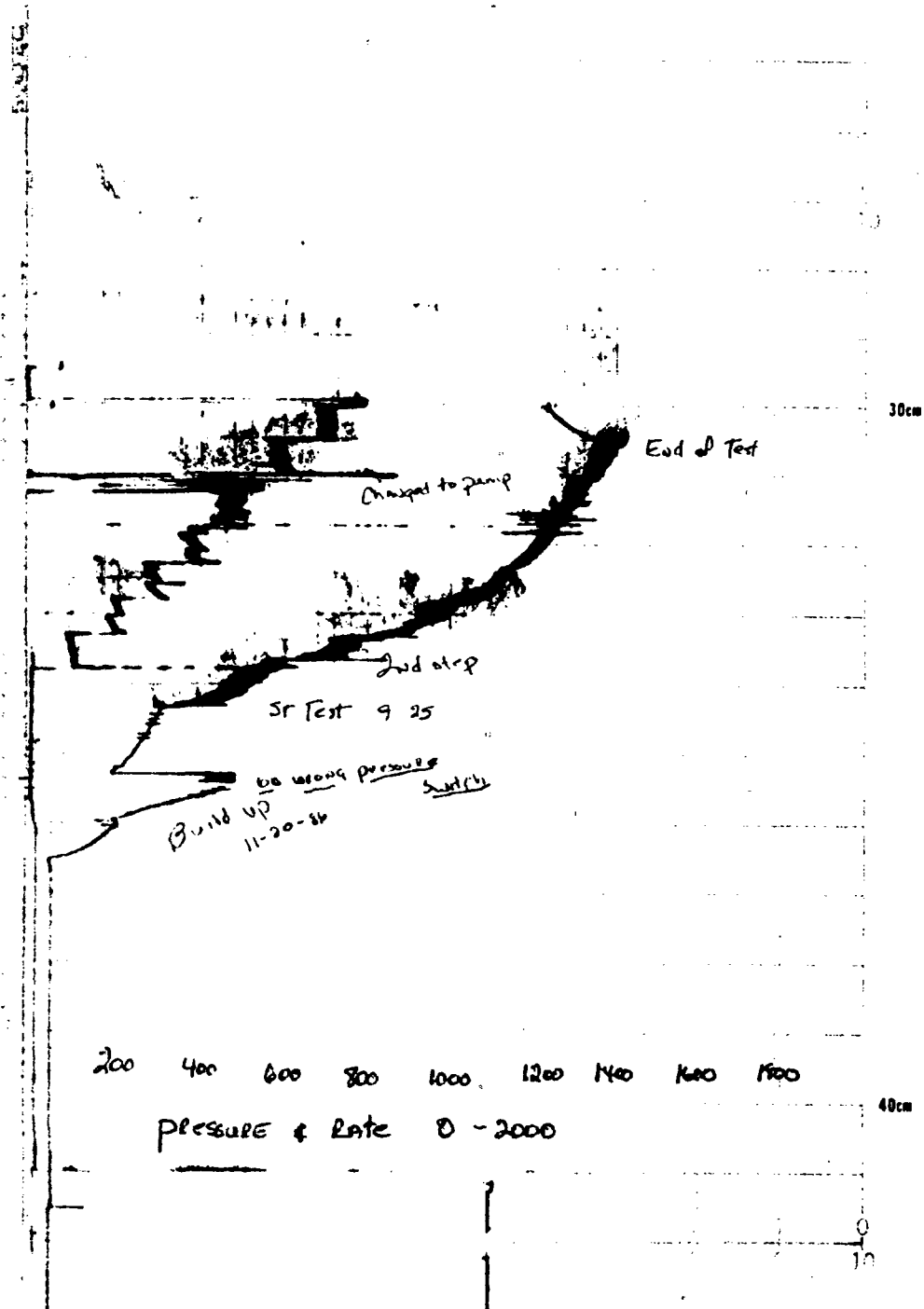
						Unit	H
Company Yates Drilling				Test Date 11-20-86		Lease	Me Tex
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Producing thru tubing				Packer set at 1812		Co. Rep Mike Carter	

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YATES DRILLING

ME TEX 35

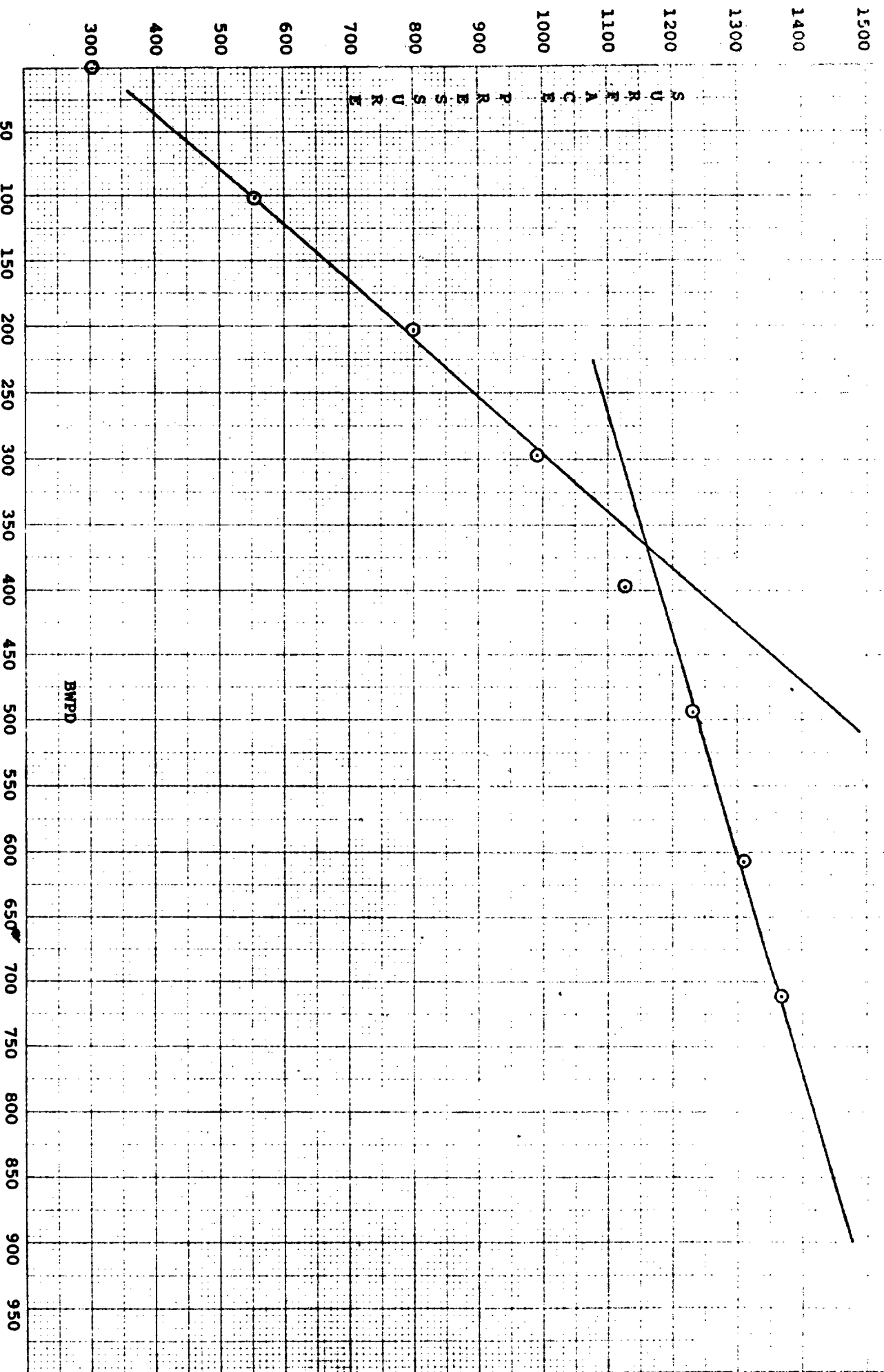
11-20-86



Yates Drilling

Me Tex 35

11-20-86





OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

I. R. TRUJILLO
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER
STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

August 13, 1973

Mr. A. J. Losee
Losee & Carson
Attorneys at Law
Post Office Box 239
Artesia, New Mexico 88210

Re: CASE NO. 5030 and 5031
ORDER NO. R-4608 & R-4609

Applicant:

Yates Drilling Company

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC X
Artesia OCC X
Aztec OCC

Other F-4608 -Unit Division - State Land Office
R-4609 - State Engineer Office