

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



261

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners**
- [B] ☐ Offset Operators, Leaseholders or Surface Owner**
- [C] ☐ Application is One Which Requires Published Legal Notice**
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO**
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,**
- [F] ☐ Waivers are Attached**

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name _____	Signature _____	Title _____	Date _____
e-mail Address _____			

CBS OPERATING CORP.

P. O. BOX 2236, MIDLAND, TX 79702 432/685-0878 FAX 685-1945

F A C S I M I L E M E S S A G E

TO: DAVID CATANACH ^{FAX.} 609-476-3462

LOCATION: NMOC D - SANTA FE

FROM: MANNY SIRGO

DATE: 11-8-05

MESSAGE: USLU # 69. STEP RATE TEST
1 MORE TO GO!
ANY WORD ON THE USLU #5! #12?

NUMBER OF PAGES TO BE TRANSMITTED - INCLUDING TOP SHEET: 10

IF ANY ERROR WHEN TRANSMITTING, PLEASE CALL (915) 685-0878

CBS OPERATING CORP.**P. O. BOX 2236, MIDLAND, TX 79702 432/685-0878 FAX 685-1945**

November 8, 2005

Oil Conservation Division
New Mexico EMNRD
1220 South St Francis Drive
Santa Fe, New Mexico 87505

Attention: Mr. David Catanach

Re: Request for Maximum Injection
Pressure Increase WFX 490
NSLU #69 API No. 30-015-03925
North Square Lake Unit
Eddy County, New Mexico

Mr. Catanach,

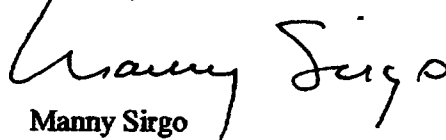
CBS Operating Corp. respectfully requests a maximum surface pressure increase for the referenced water injection well to a surface injection pressure of 1724#.

Attached is a step rate test for the referenced well indicating the following:
Bottom Hole Parting Pressure: 3207#
Surface Injection Pressure @ Parting Pressure: 1774#
Injection Rate: 1188 bwpd

Additionally attached please find a wellbore sketch for the referenced well.

If you need any additional information to evaluate this request, please do not hesitate to call me at 432/413-0085.

Sincerely,



Manny Sirgo

MAS/pr

WELLBORE DIAGRAM

K.B.ELEV.: _____
K.B.CORRECTION: _____
G.L.ELEV.: _____

HOLE SIZE: 11 "

8 1/4 " 28 ' GRADE
SET AT 503 '
CEMENT WITH 50 SX

HOLE SIZE: 7 7/8 "

HOLE SIZE: _____ "

* 7 " 200 ' GRADE
SET AT 2405 '
CEMENT WITH 50 SX STGS

FIELD: _____
FORMATION: _____

5 1/2 " at 2925 '
Cemented w/ 100 P4
OH 2925-3200

TOTAL DEPTH: 3101 '

* Recovered ~ 2300' 7" Cog.

NEW TD 3200

LEASE NAME: NSC 469 APT NO. 30-015-03925 Walnut 2
WELL NO.: _____

WELLBORE DIAGRAM AS OF DATE: 8-10-04

STATE: NM COUNTY: EDDY BLOCK: _____ SECTION: 25

TOWNSHIP: 16S RANGE: 31E LEGAL: 66.0' FSL + 1980' FEL

OPERATOR: CBS OPER CORP WORKING INTEREST: _____ ROYALTY INTEREST: _____

COMPLETION DATE: 7-13-42 CURRENT STATUS: (PMP) (FLOW) (INJ) (T/A) (SI) _____

REMARKS: Deepen 1-27-43

CBS OPERATING CORP.

NSLU #69

**Test Date
11/7/2005**

Step Rate Test

Ran step rate test with electric surface readout unit, 1 electronic pressure instrument @ run depth of 3000' and surface pressure transducer.

Step Rate Test

CBS OPERATING CORP.

NSLU #69

TEST DATE 11/7/2005

Injection Rate (BWPD)	Psurface (psig)	B.H.P. (psia)	Psurface W/O FRICTION
0	179.20	1475.70	179.80
50	735.80	2107.70	735.30
100	823.90	2276.00	822.90
150	852.50	2380.60	851.00
200	939.30	2476.50	937.30
300	1141.60	2672.70	1137.60
400	1248.80	2770.60	1242.80
500	1329.00	2850.10	1319.00
600	1407.90	2930.00	1393.90
700	1485.50	2995.60	1467.50
800	1534.60	3036.40	1510.60
900	1589.40	3087.00	1559.40
1000	1649.10	3139.10	1613.10
1100	1702.50	3172.70	1659.50
1200	1792.20	3208.80	1741.20
1300	1838.30	3222.00	1779.30
1400	1862.00	3241.20	1793.00
1500	1904.10	3270.90	1826.10

Run Depth: 3000 (tagged 3007)

Perforations: 2925-3200

Formation:

Total Depth: 3200

Tubing Depth: 2852

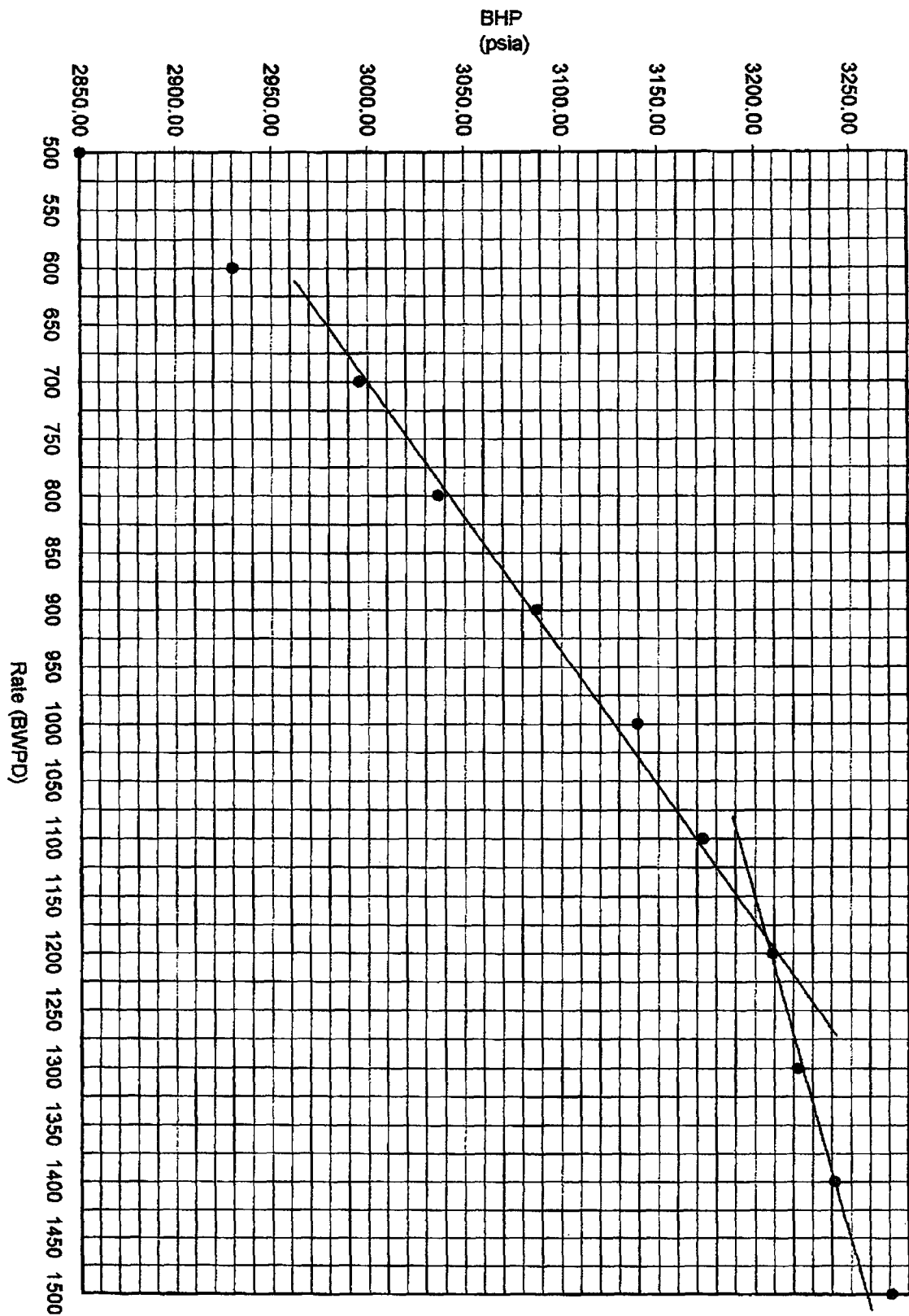
Pkr. Depth: 2852

Tested By : J. Chesshir

Instrument #: 75790

TEST RESULTS

Parting Pressure @ 3207 BHP (PSIA) @ 1188 BWPD
Tagged @ 3007'. Picked up to 3000' to run step rate test. 193' of fill in open hole.



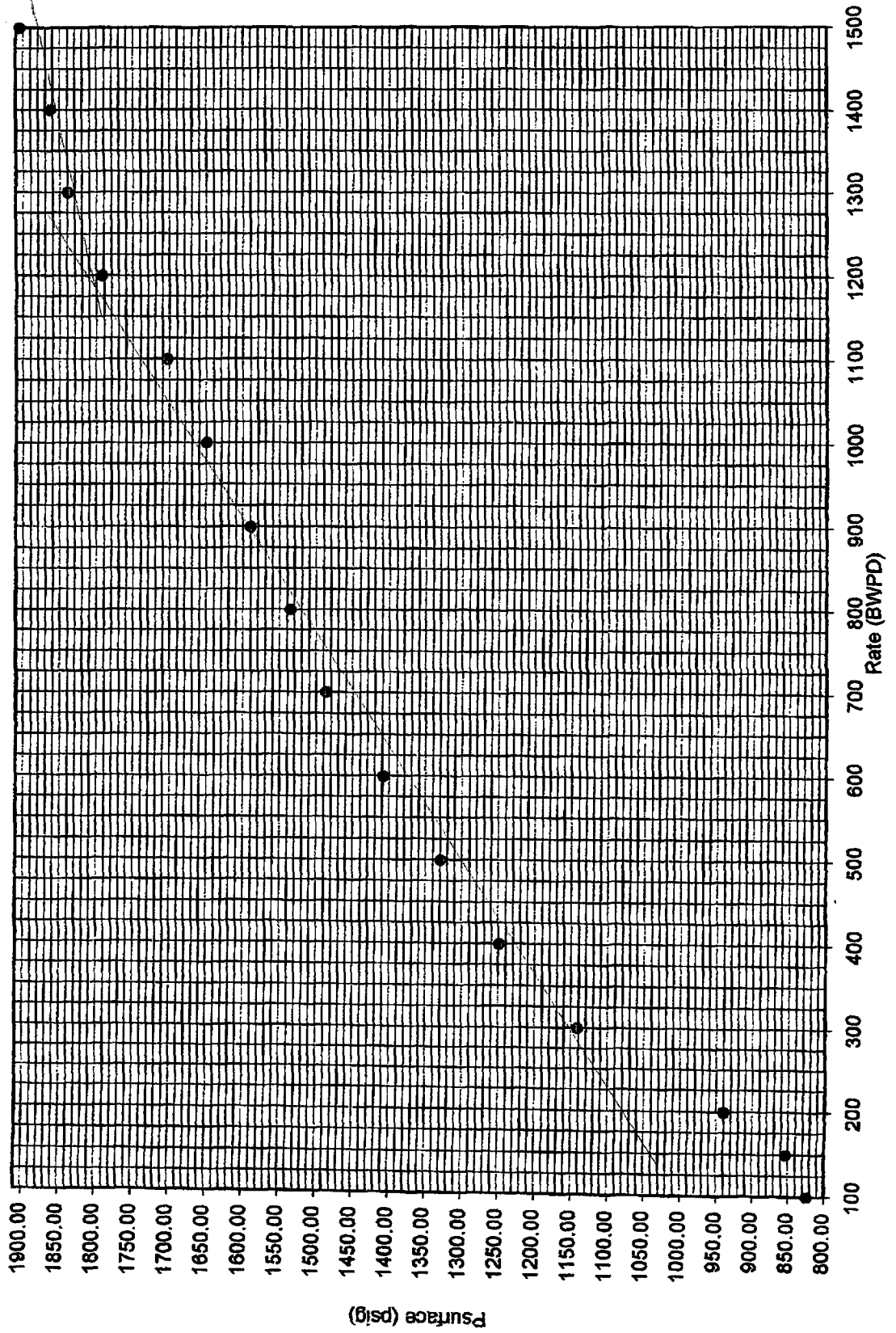
Step Rate Test
CBS Operating Corp.
NSLU #69
11/7/2005

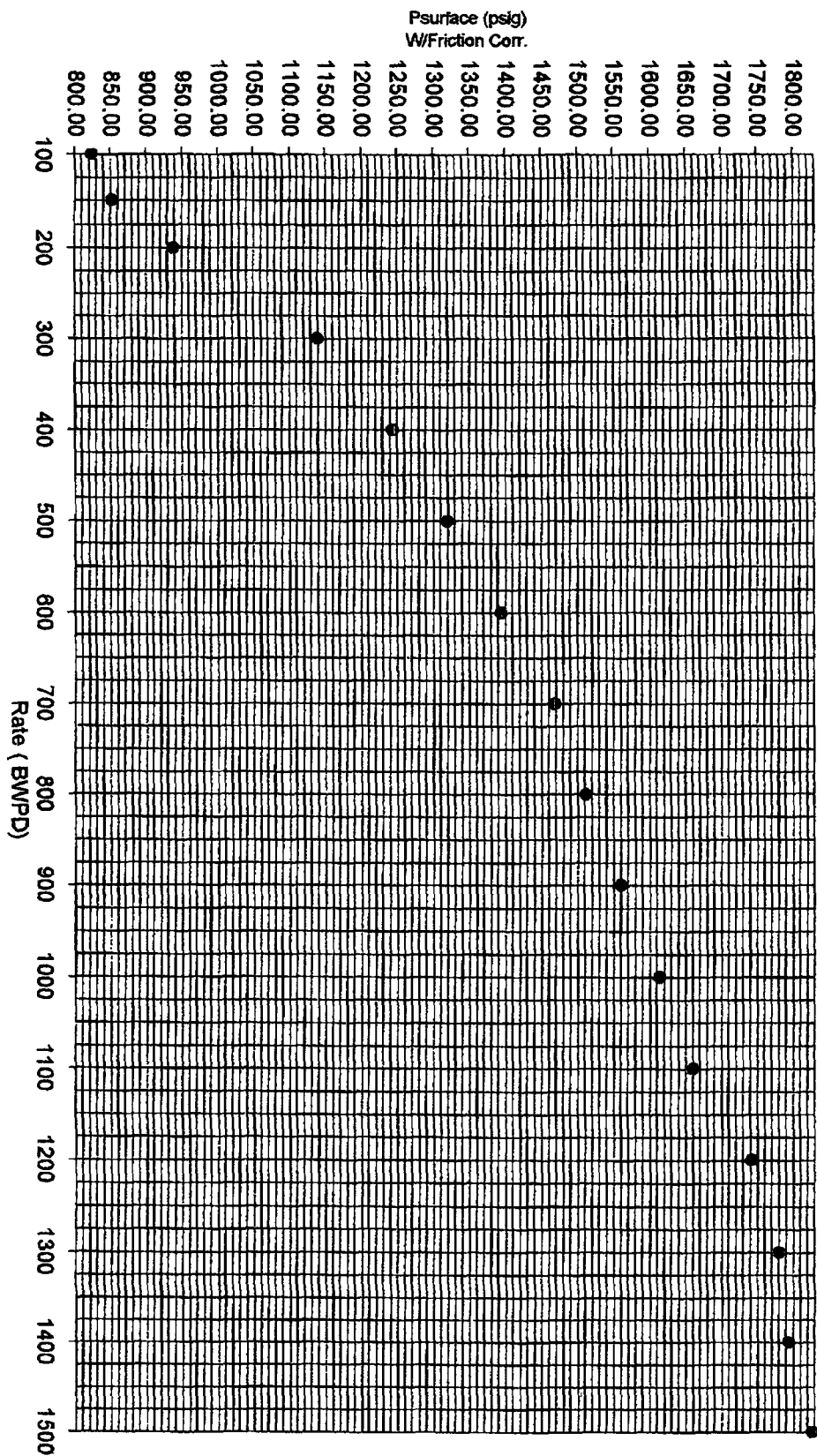
PRECISION
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Step Rate Test
CBS Operating Corp.
NSLU #69
11/7/2005

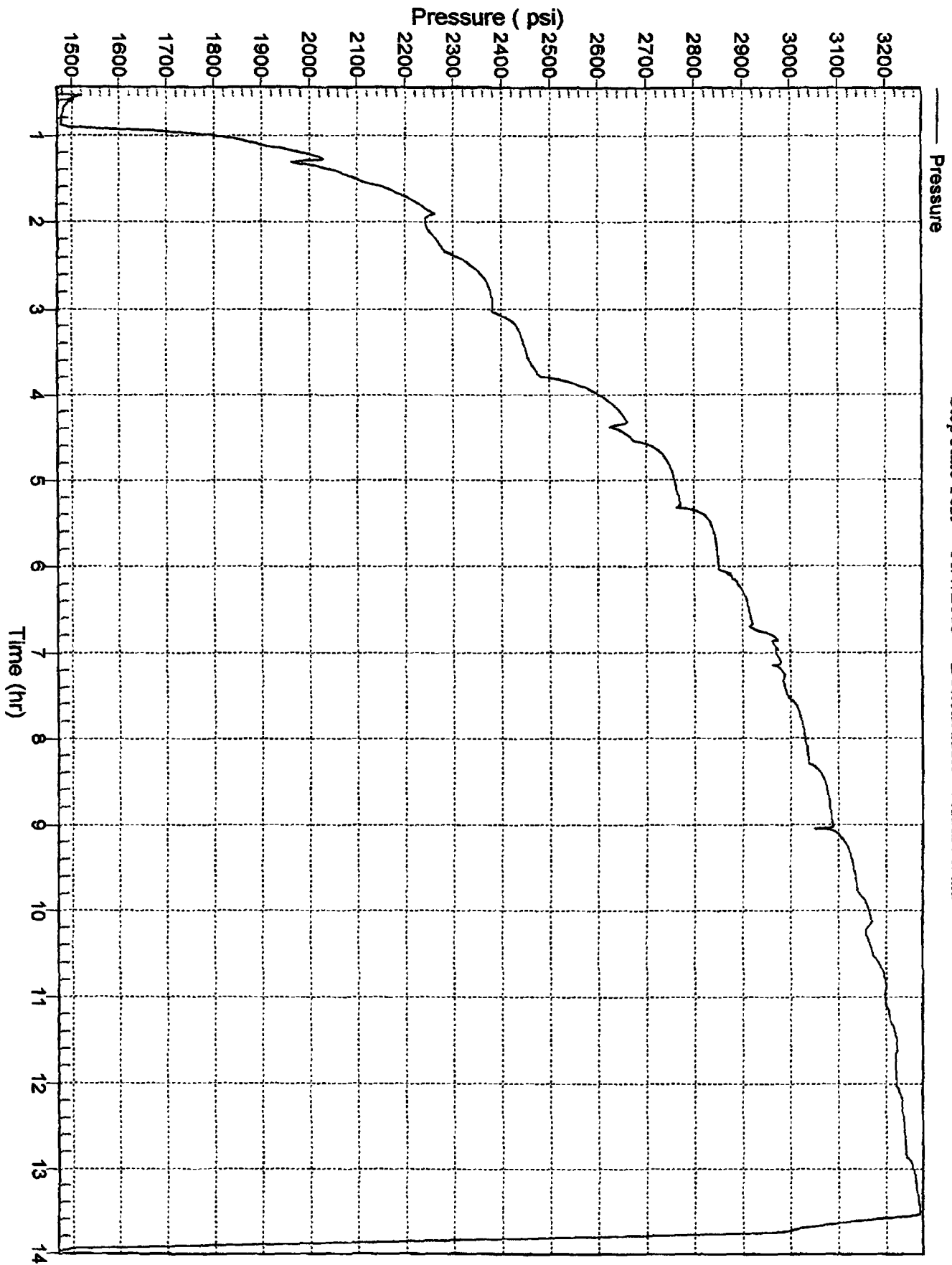
PRECISION PRESSURE DATA, INC. • P.O. BOX 8571 • MIDLAND, TEXAS 79708-8571 • (432) 570-7600



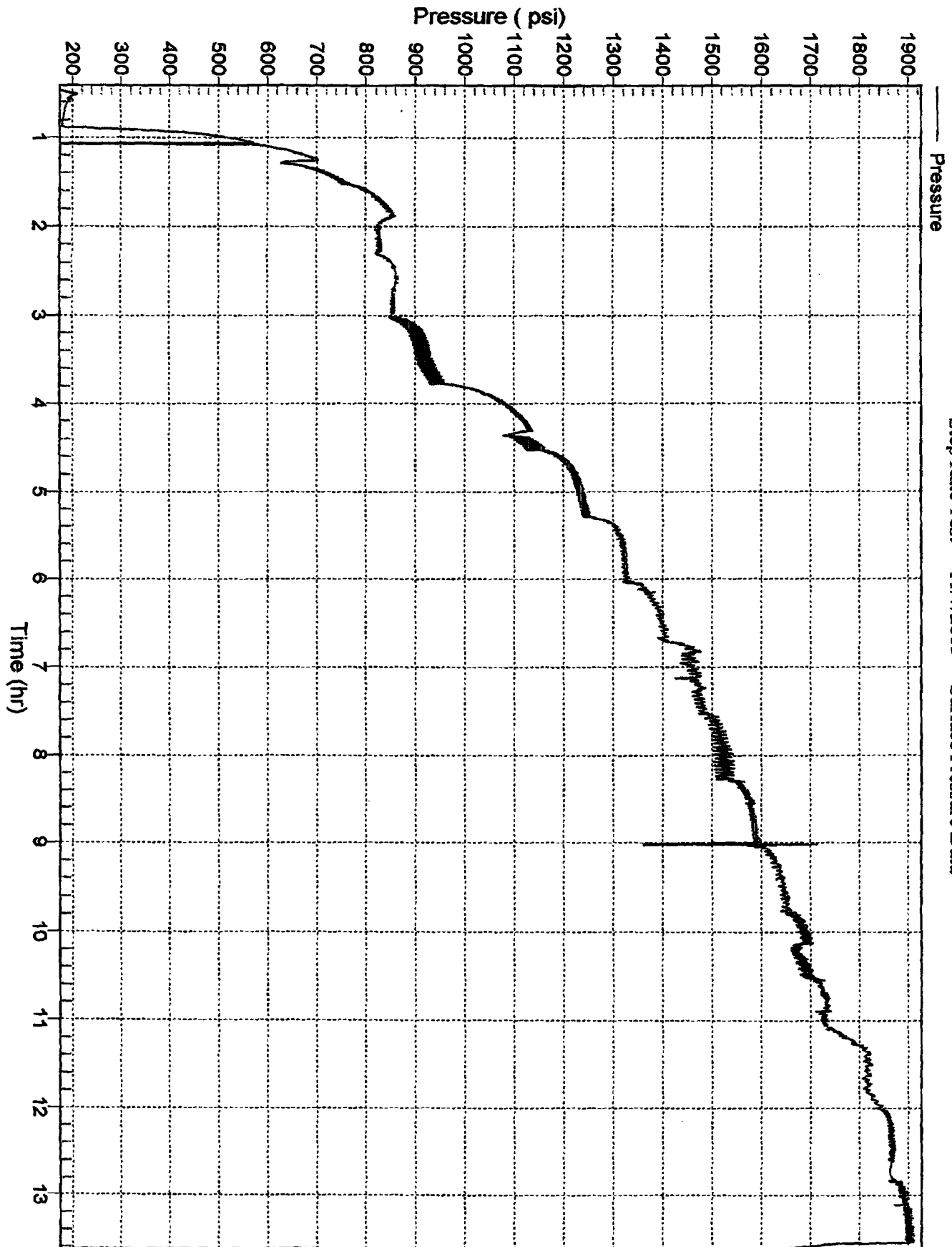


Step Rate Test
CBS Operating Corp.
NSLU #69
11/7/2005

PRECISION
PRESSURE
DATA, INC.



CBS OPERATING CORP. - NSLU #69
 Step Rate Test 11/7/2005 Bottom Hole Pressure Data



CBS OPERATING CORP. - NSLU #69
Step Rate Test 11/7/2005 Surface Pressure Data

TRANSACTION REPORT

P.01

NOV-08-2005 TUE 10:17 AM

FOR:

RECEIVE

DATE	START	SENDER	RX TIME	PAGES	TYPE	NOTE	M#	DP
NOV-08	10:14 AM	432 685 1945	2'45"	10	RECEIVE	OK		