

DATE IN 6/7/12	SUSPENSE	ENGINEER WD	LOGGED IN 6/7/12	TYPE TPE	APP NO. NEW126028844
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



TEXLAND Petroleum  
 Hobbs, LLC  
 113315

## 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 API# 30-025-(35674) State "A" 29 #10

### [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.

Vickie Smith  
 Print or Type Name

Vickie Smith  
 Signature

Regulatory Analyst 6-8-12  
 Title Date

vsmith@texpetro.com  
 e-mail Address

(35672) (35673)  
 State F29 #7  
 State A29 #9  
 State "A" 29 #10  
 R-11638

Submit 1 Copy To Appropriate District Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised August 1, 2011

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-35674
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 25696
7. Lease Name or Unit Agreement Name State "A" 29
8. Well Number #10
9. OGRID Number 113315
10. Pool name or Wildcat Hobbs; Upper Blinbry
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3640'

**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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐ Inj

2. Name of Operator  
Texland Petroleum-Hobbs, LLC

3. Address of Operator  
777 Main Street, Suite 3200, Fort Worth, Texas 76102

4. Well Location  
Unit Letter N : 110 feet from the South line and 1490 feet from the West line  
Section 29 Township 18S Range 38E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3640'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Pressure Increase ☒ OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Texland Petroleum-Hobbs, LLC request the minimum surface rate injection pressure for the referenced injection well, located in the Hobbs Upper Blinbry Cooperative Waterflood Area Order No R-11638 to be increased to 1625 psi. We will use scale remediation and small acid jobs to maintain the pressure at this requested psi and injection rate.

Please find attached the Step Rate test.

Spud Date:

Rig Release Date:

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

SIGNATURE Vickie Smith TITLE Regulatory Analyst DATE 3/14/12

Type or print name Vickie Smith E-mail address: vsmith@texpetro.com PHONE: 575-397-7450

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any): \_\_\_\_\_

Submit 1 Copy To Appropriate District Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised August 1, 2011

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-35672
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 25696
7. Lease Name or Unit Agreement Name State 1-29
8. Well Number #7
9. OGRID Number 113315
10. Pool name or Wildcat Hobbs; Upper Blinebry
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3647'

**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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐ Inj

2. Name of Operator  
Texland Petroleum-Hobbs, LLC

3. Address of Operator  
777 Main Street, Suite 3200, Fort Worth, Texas 76102

4. Well Location  
Unit Letter P : 140 feet from the South line and 1200 feet from the East line  
Section 29 Township 18S Range 38E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3647'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Pressure Increase ☒ OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Texland Petroleum-Hobbs, LLC request the minimum surface rate injection pressure for the referenced injection well, located in the Hobbs Upper Blinebry Cooperative Waterflood Area Order No R-11638 to be increased to 1700 psi. We will use scale remediation and small acid jobs to maintain the pressure at this requested psi and injection rate.

Please find attached the Step Rate test.

Spud Date:

Rig Release Date:

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

SIGNATURE Vickie Smith TITLE Regulatory Analyst DATE 3/14/12

Type or print name Vickie Smith E-mail address: vsmith@texpetro.com PHONE: 575-397-7450

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any): \_\_\_\_\_

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District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised August 1, 2011

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-35673
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 25696
7. Lease Name or Unit Agreement Name State I-29
8. Well Number #9
9. OGRID Number 113315
10. Pool name or Wildcat Hobbs; Upper Blinbry

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Inj	
2. Name of Operator Texland Petroleum-Hobbs, LLC	
3. Address of Operator 777 Main Street, Suite 3200, Fort Worth, Texas 76102	
4. Well Location Unit Letter <u>P</u> : <u>1080</u> feet from the <u>South</u> line and <u>1300</u> feet from the <u>East</u> line Section <u>29</u> Township <u>18S</u> Range <u>38E</u> NMPM Lea County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3646'	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Pressure Increase ☒ OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Texland Petroleum-Hobbs, LLC request the minimum surface rate injection pressure for the referenced injection well, located in the Hobbs Upper Blinbry Cooperative Waterflood Area Order No R-11638 to be increased to 1782 psi. We will use scale remediation and small acid jobs to maintain the pressure at this requested psi and injection rate.

Please find attached the Step Rate test.

Spud Date:

Rig Release Date:

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

SIGNATURE Vickie Smith TITLE Regulatory Analyst DATE 3/14/12

Type or print name Vickie Smith E-mail address: vsmith@texpetro.com PHONE: 575-397-7450

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any): \_\_\_\_\_

## Hobbs Step-Rate Tests

February 2012

Data

2/7/2012 Step-Rate Test

State A-29 #10

<u>Rate</u>	<u>Tbg Pressure</u>
<u>(BPD)</u>	<u>(psi)</u>
136.8	0
242.4	235
355.2	546
477.6	896
576.0	1218
840.0	1655
1185.6	1798
1411.2	1717

Current Max TP = 1140 psi  
Current Inj Rate = 509 bpd  
Current TP = 1260 psi  
Test Parting TP = **1625** psi

2/9/2012 Step-Rate Test

State 1-29 #7

<u>Rate</u>	<u>Tbg Pressure</u>
<u>(BPD)</u>	<u>(psi)</u>
204.0	266
386.4	457
595.2	651
806.4	876
1008.0	1143
1394.4	1644
1950	2215
2330	2606

Current Max TP = 1140 psi  
Current Inj Rate = 972 bpd  
Current TP = 1250 psi  
Test Parting TP = **1700** psi

2/8/2012 Step-Rate Test

State 1-29 #9

<u>Rate</u>	<u>Tbg Pressure</u>
<u>(BPD)</u>	<u>(psi)</u>
112.8	367
220.8	544
324.0	723
424.8	903
504.0	1126
741.6	1782
1053.6	2047
1231.2	2112

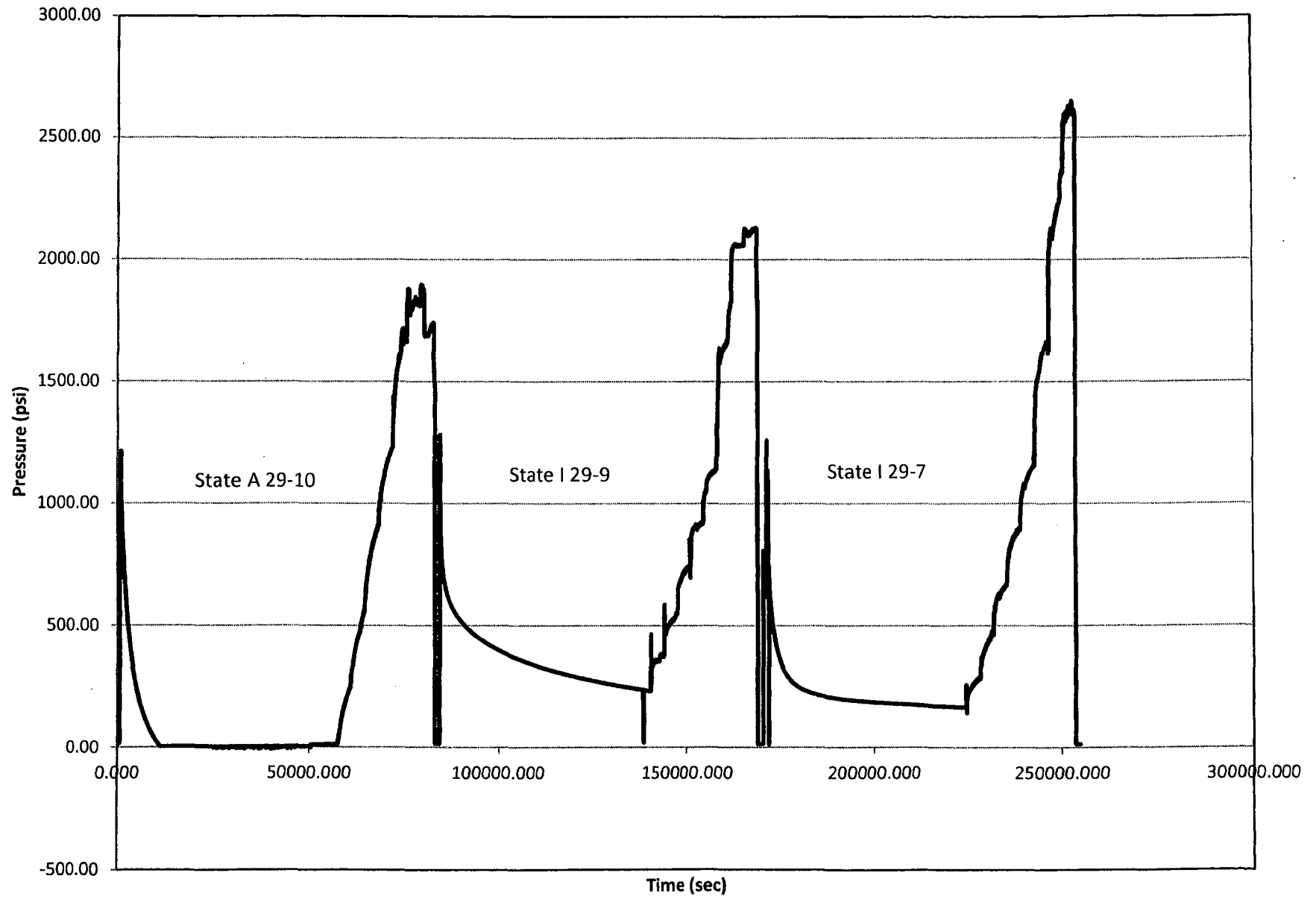
Current Max TP = 1140 psi  
Current Inj Rate = 499 bpd  
Current TP = 1320 psi  
Test Parting TP = **1782** psi

- 50 psi = 1575

1650

1730

# Hobbs Step Rate Test



## **State A 29-10**

### **Step Rate Test**

2/6/2012: R. McCracken

Flow rate at 476, tbq press 1197. Installed surface pressure recorder on tbq. Shut in well at 5:40 pm.

2/7/2012:

Overnight SI pressure vacuum. MINU Pate Trucking HPPT to injection meter run. Performed step rate test as follows:

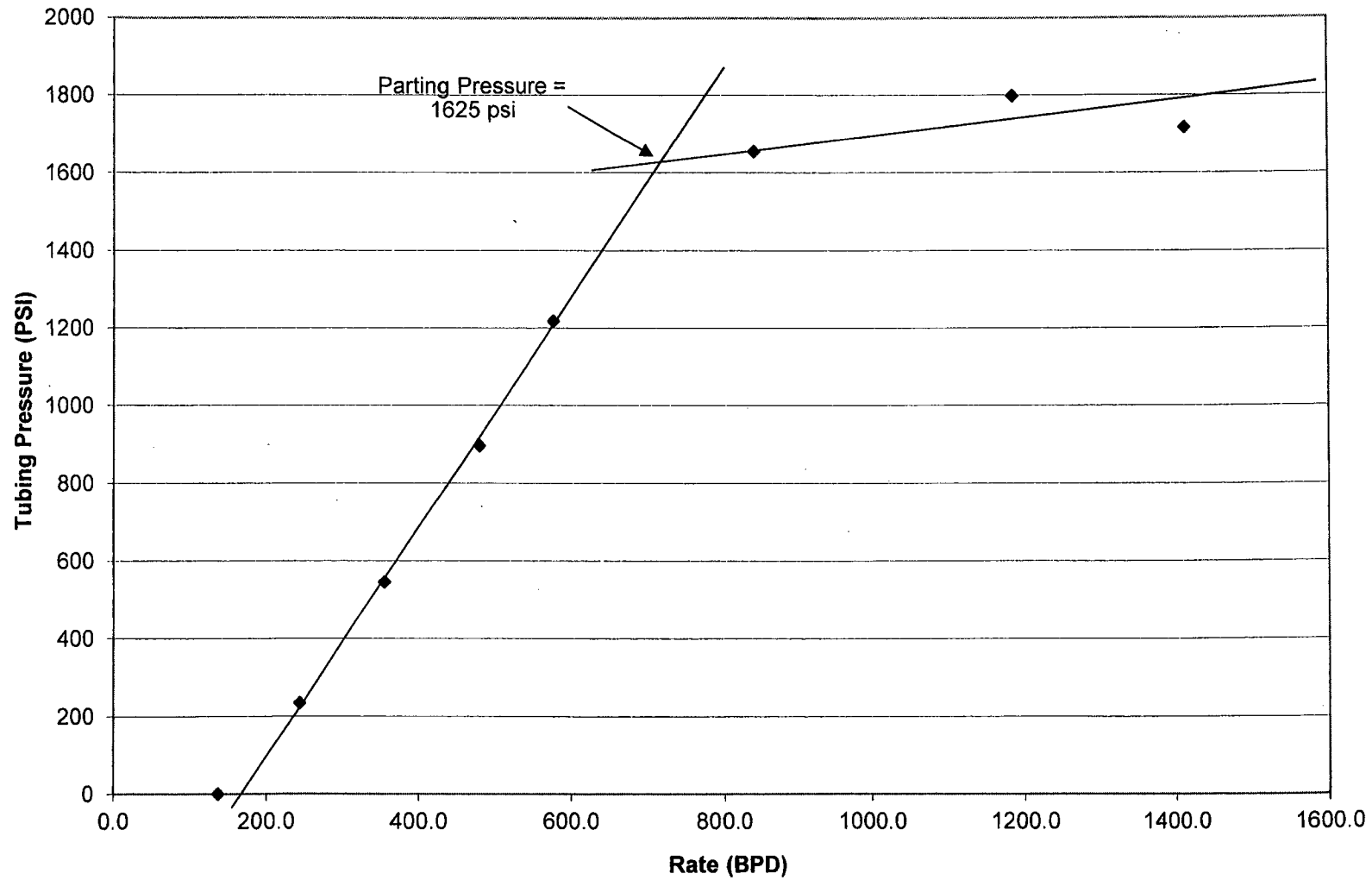
Time	Event	Avg Rate	Pressure	Meter Reading
8:20 am	Begin 1 <sup>st</sup> step	136.8 bpd	Vacuum	19576.8
9:20 am	Begin 2 <sup>nd</sup> step	242.4 bpd	Vacuum	19582.5
10:20 am	Begin 3 <sup>rd</sup> step	355.2 bpd	235 psia	19592.6
11:20 am	Begin 4 <sup>th</sup> step	477.6 bpd	546 psia	19607.4
12:20 pm	Begin 5 <sup>th</sup> step	576.0 bpd	896 psia	19627.3
1:20 pm	Begin 6 <sup>th</sup> step	840.0 bpd	1218 psia	19651.3
2:20 pm	Begin 7 <sup>th</sup> step	1185.6 bpd	1655 psia	19686.3
3:20 pm	Begin 8 <sup>th</sup> step	1411.2 bpd	1798 psia	19735.7
4:20 pm	End Test		1717 psia	19794.5

ND HPPT, NU injection meter run,..... return well to injection.

Cost: HPPT	1200
Press recorder	200
Cum	1400

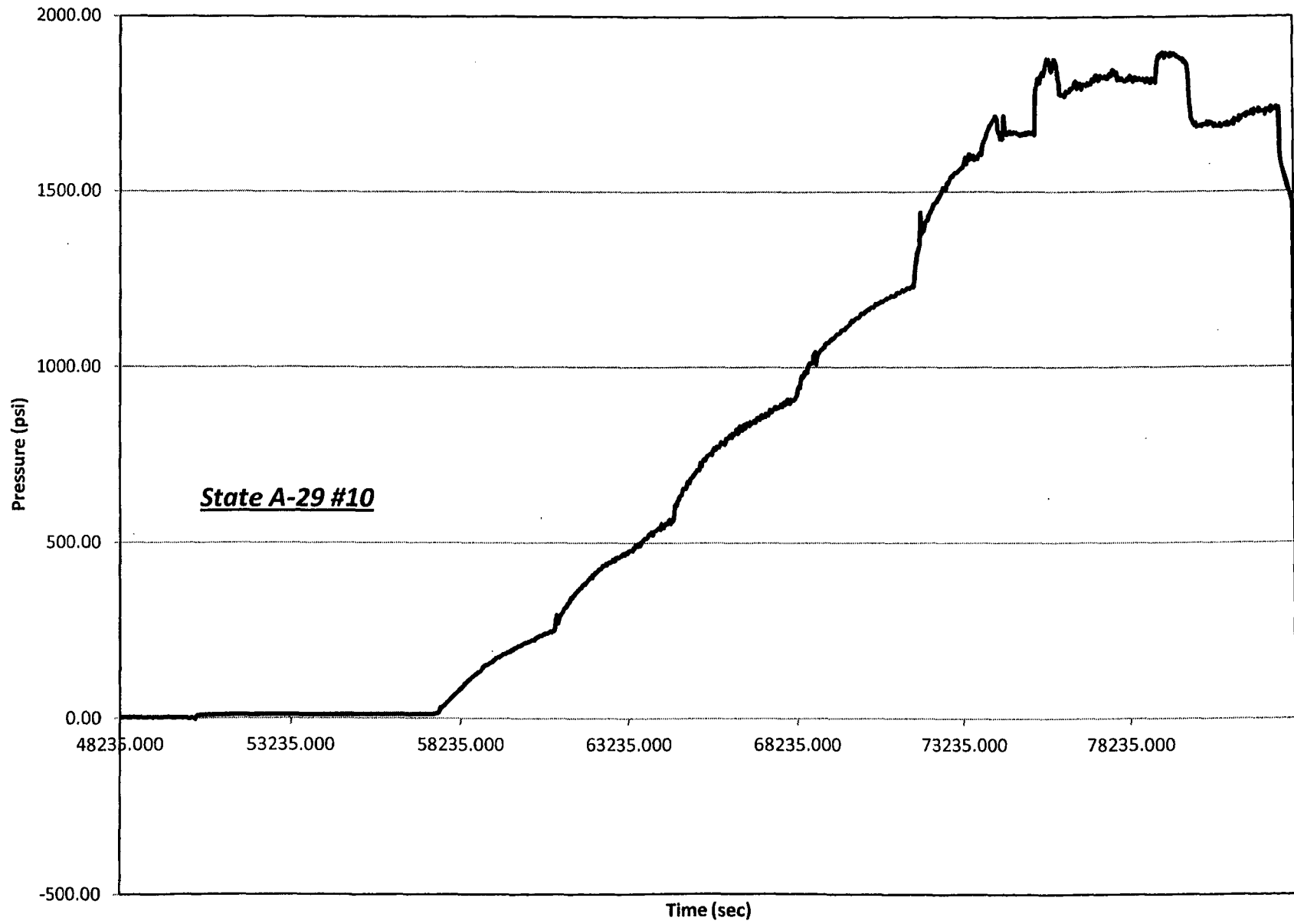
**State A-29 #10**  
**Step Rate Test**

**2/7/2012**





# Hobbs Step Rate Test



**State 1 29-7 Step Rate Test**

2/8/2012: R. McCracken

Flow rate at 990, tbg press 1116. Installed surface pressure recorder on tbg. Shut in well at 4:30 pm.

2/9/2012:

Overnight SI pressure 152 psi. MINU Pate Trucking HPPT to injection meter run. Performed step rate test as follows:

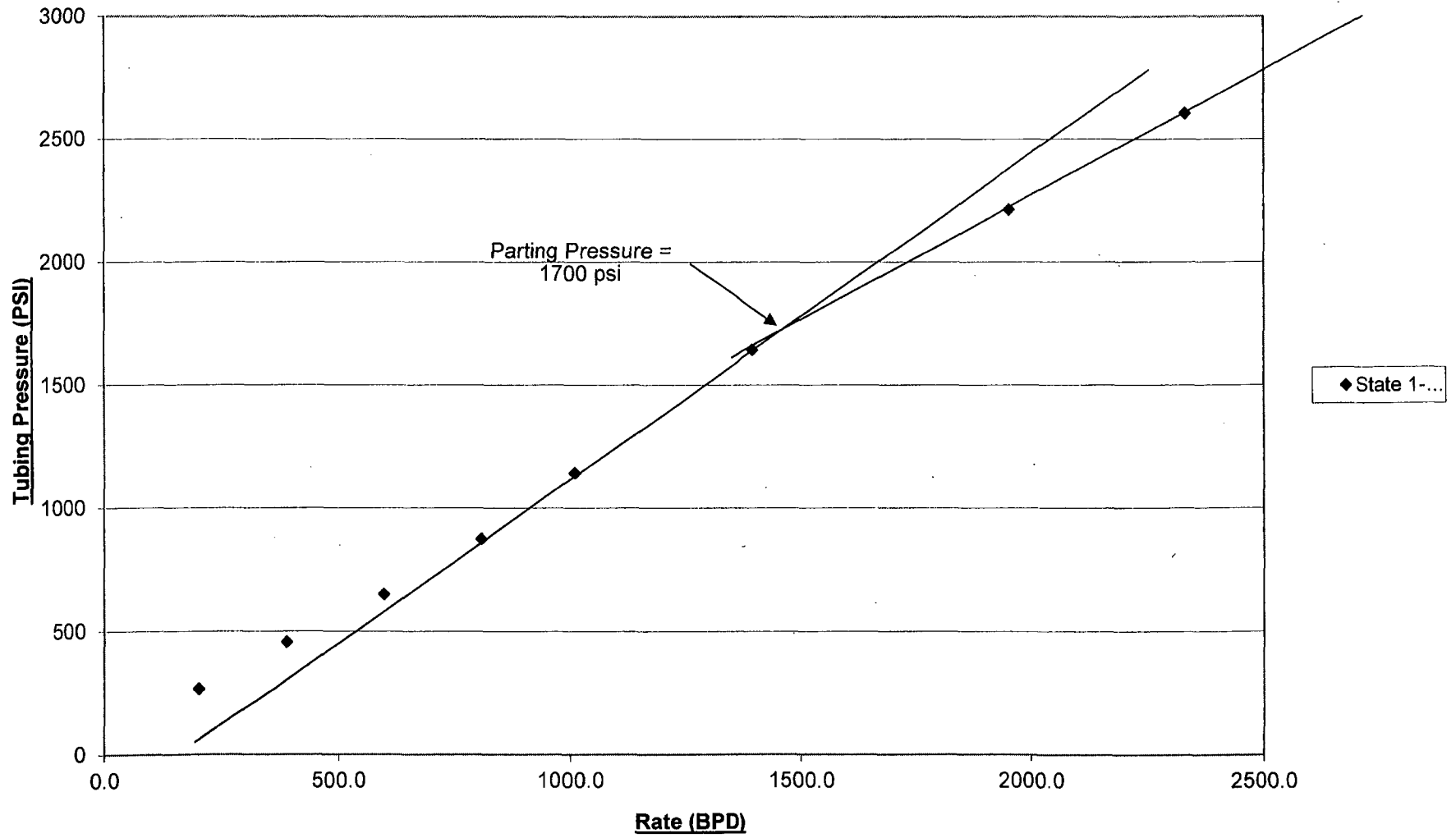
Time	Event	Avg Rate	Pressure	Meter
Reading				
7:50 am	Begin 1 <sup>st</sup> step	204.0 bpd	152 psia	37781.4
8:50 am	Begin 2 <sup>nd</sup> step	386.4 bpd	266 psia	37789.9
9:50 am	Begin 3 <sup>rd</sup> step	595.2 bpd	457 psia	37806.0
10:50am	Begin 4 <sup>th</sup> step	806.4 bpd	651 psia	37830.8
11:50 am	Begin 5 <sup>th</sup> step	1008.0 bpd	876 psia	37864.4
12:50 pm	Begin 6 <sup>th</sup> step	1394.4 bpd	1143 psia	37906.4
1:50 pm	Begin 7 <sup>th</sup> step	1944.0 bpd	1644 psia	37964.5
2:50 pm	Begin 8 <sup>th</sup> step	2318.4 bpd	2337 psia	
38045.5				
3:50 pm	End Test		2573 psia	
38142.1				

ND HPPT, NU injection meter run, return well to injection.

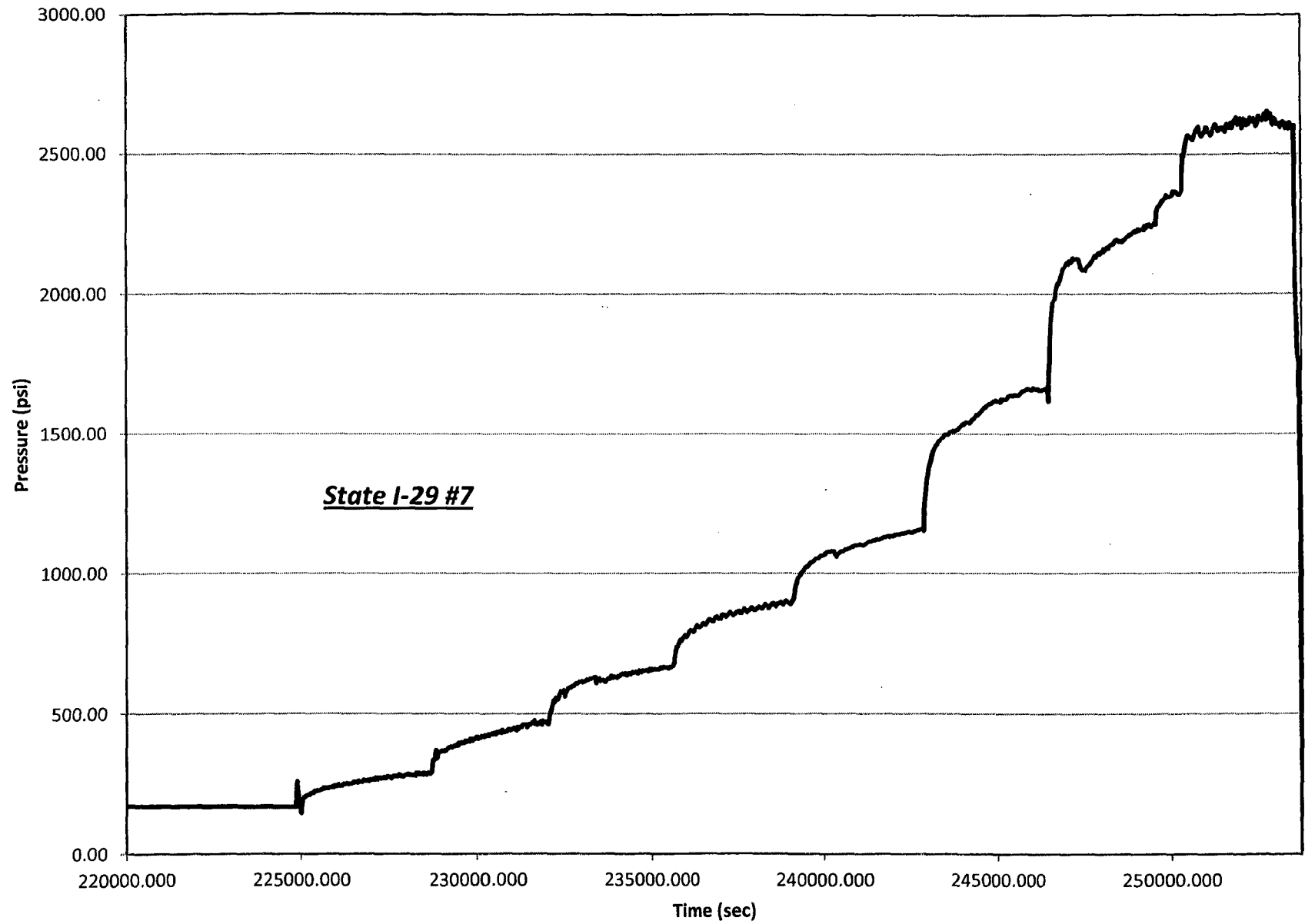
Cost: HPPT	2400
Press recorder	200
Cum	2600

**State 1-29 #7**  
**Step Rate Test**

**2/9/2012**



# Hobbs Step Rate Test



## **State I 29-9**

### **Step Rate Test**

2/7/2012: R. McCracken

Flow rate at 553, tbg press 1267. Installed surface pressure recorder on tbg. Shut in well at 4:50 pm.

2/8/2012: Overnight SI pressure 220 psi. MINU Pate Trucking HPPT to injection meter run. Performed step rate test as follows:

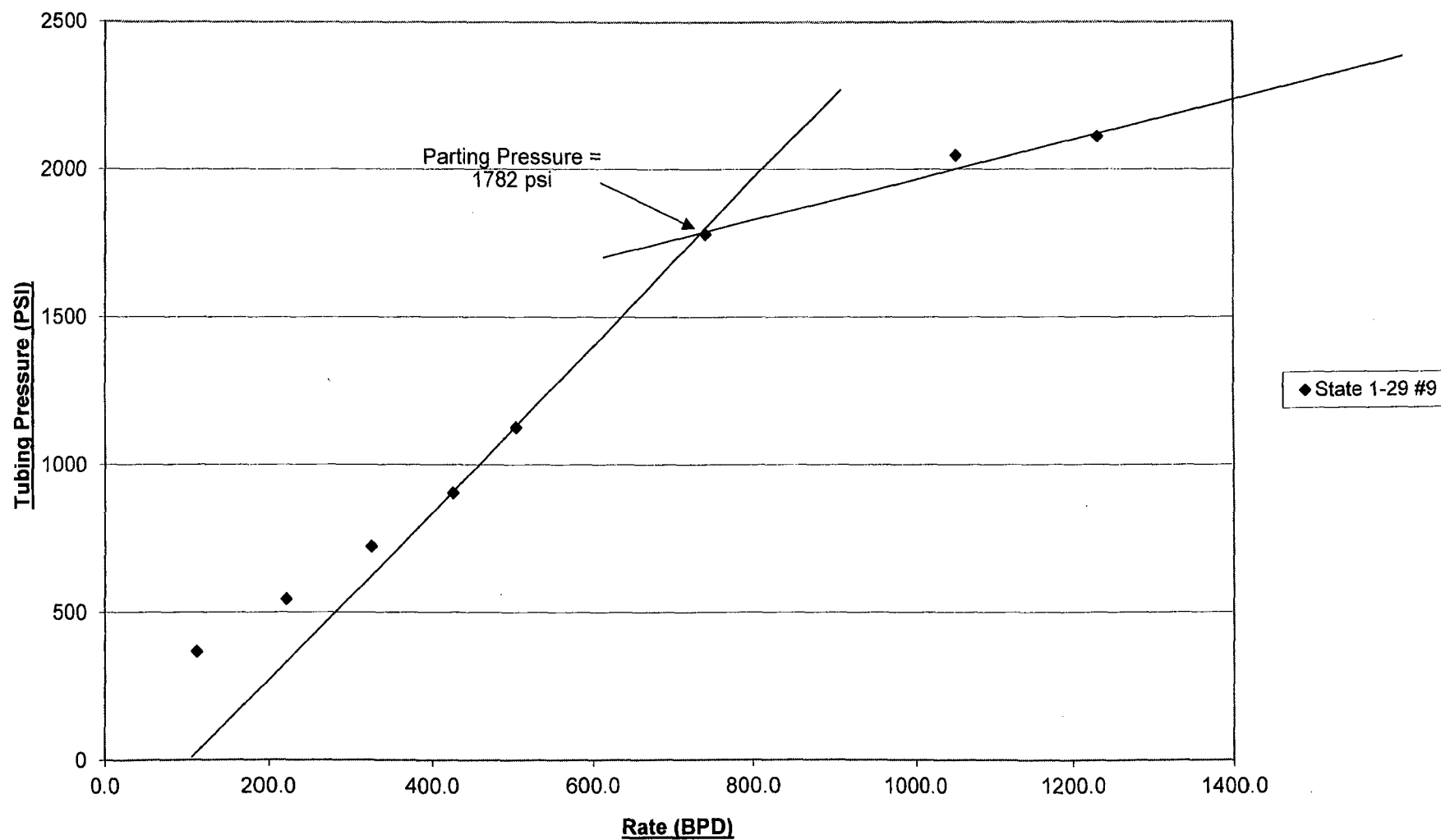
Time	Event	Avg Rate	Pressure	Meter Reading
8:20 am	Begin 1 <sup>st</sup> step	112.8 bpd	220 psia	19351.5
9:20 am	Begin 2 <sup>nd</sup> step	220.8 bpd	367 psia	19356.2
10:20 am	Begin 3 <sup>rd</sup> step	324.0 bpd	544 psia	19365.4
11:20 am	Begin 4 <sup>th</sup> step	424.8 bpd	723 psia	19378.9
12:20 pm	Begin 5 <sup>th</sup> step	504.0 bpd	903 psia	19396.6
1:20 pm	Begin 6 <sup>th</sup> step	741.6 bpd	1126 psia	19417.6
2:20 pm	Begin 7 <sup>th</sup> step	1053.6 bpd	1782 psia	19448.5
3:20 pm	Begin 8 <sup>th</sup> step	1231.2 bpd	2047 psia	19492.4
4:20 pm	End Test		2112 psia	19543.7

ND HPPT, NU injection meter run, return well to injection.

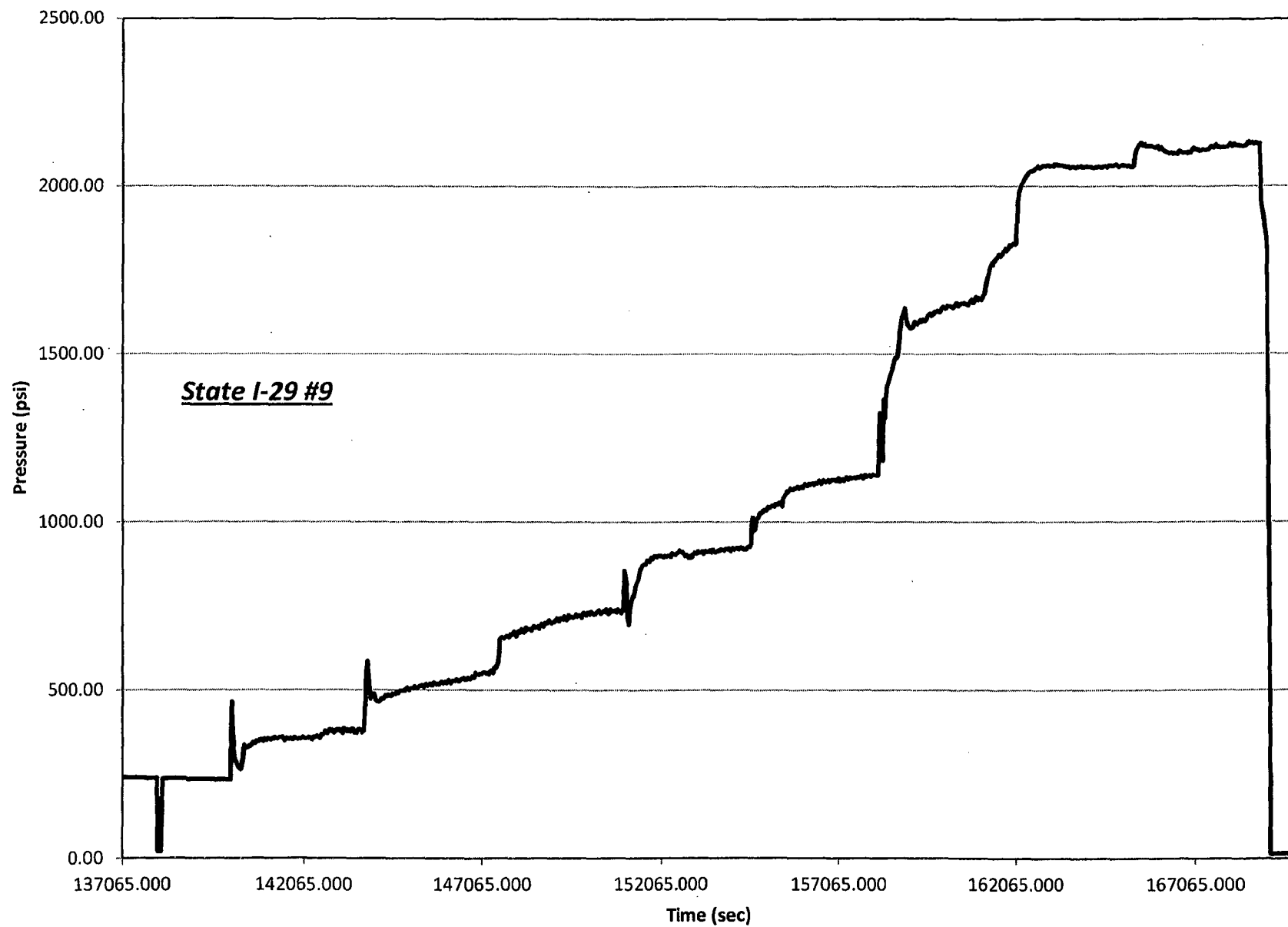
Cost: HPPT	1500
Press recorder	200
Cum	1700

**State 1-29 #9**  
**Step Rate Test**

2/8/2012



# Hobbs Step Rate Test



1140 PSE  
MAX

Exhibit "A"  
Division Order No. R-11638  
Hobbs Upper Blinbry Cooperative Waterflood Project  
Approved Injection Wells

30-0257  
35671  
35755  
35674  
35728  
35673  
35667  
35669  
35670  
35654  
35672  
35657  
35668  
35756  
35852  
35727

Well Name & Number	API Number	Well Location	Injection Interval	Packer Depth
State "A" No. 9	N/A	215' FNL & 150' FEL, Unit A, Section 32, T-18S, R-38E	5700'-6100'	5,600'
Bowers "A" Federal No. 41	N/A	1310' FSL & 1400' FEL, Unit O, Section 30, T-18S, R-38E	5,700'-6,100'	5,600'
State "A-29" No. 10	N/A	110' FSL & 1490' FWL, Unit N, Section 29, T-18S, R-38E	5,700'-6,100'	5,600'
State "A" No. 8	N/A	1250' FNL & 1250' FEL, Unit A, Section 32, T-18S, R-38E	5,700'-6,100'	5,600'
State "I-29" No. 9	N/A	1080' FSL & 1300' FEL, Unit P, Section 29, T-18S, R-38E	5,700'-6,100'	5,600'
W. D. Grimes NCT-A No. 22	N/A	1300' FNL & 2560' FWL, Unit C, Section 32, T-18S, R-38E	5,700'-6,100'	5,600'
W. D. Grimes NCT-A No. 24	N/A	150' FNL & 290' FWL, Unit D, Section 32, T-18S, R-38E	5,700'-6,100'	5,600'
Bowers "A" Federal No. 40	N/A	2440' FNL & 170' FWL, Unit E, Section 29, T-18S, R-38E	5,700'-6,100'	5,600'
W. D. Grimes NCT-A No. 25	N/A	140' FNL & 2550' FWL, Unit C, Section 32, T-18S, R-38E	5,700'-6,100'	5,600'
State "I-29" No. 7	N/A	140' FSL & 1200' FEL, Unit P, Section 29, T-18S, R-38E	5,700'-6,100'	5,600'
W. D. Grimes NCT-A No. 21	N/A	1090' FNL & 1370' FWL, Unit C, Section 32, T-18S, R-38E	5,700'-6,100'	5,600'
W. D. Grimes NCT-A No. 23	N/A	2370' FNL & 2325' FWL, Unit F, Section 32, T-18S, R-38E	5,700'-6,100'	5,600'
Bowers "A" Federal No. 42	N/A	1290' FSL & 170' FWL, Unit M, Section 29, T-18S, R-38E	5,700'-6,100'	5,600'
Bowers "A" Federal No. 43	N/A	1278' FSL & 1455' FWL, Unit L, Section 29, T-18S, R-38E	5,700'-6,100'	5,600'
Bowers "A" Federal No. 39	N/A	2505' FSL & 1415' FEL, Unit J, Section 30, T-18S, R-38E	5,700'-6,100'	5,600'

ALLOWED  
MAX  
PSE

1260  
1520  
1295/1567  
1414/1654

WFX-832 added 2 wells  
APIS  
23176  
23048

also see  
IPIS  
#199,224,276

HISTORY  
7/6/12

*[Handwritten signature]*