

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

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

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-025-25194
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CHEVRON USA INC		6. State Oil & Gas Lease No.
3. Address of Operator 1616 W. BENDER BLVD HOBBS, NM 88240		7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT
4. Well Location Unit Letter <u>B</u> : <u>10</u> feet from the <u>NORTH</u> line and <u>1550</u> feet from the <u>EAST</u> line Section <u>12</u> Township <u>18S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number <u>133</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
		10. Pool name or Wildcat VACUUM; GRAYBURG SAN ANDRES

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: RESULTS OF STEP RATE TEST <input checked="" type="checkbox"/>	

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.

CHEVRON USA INC. IS REQUESTING FOR AN INCREASE IN PRESSURE LIMIT ON THE ABOVE WELL.

PLEASE FIND ATTACHED RESULTS OF A STEP RATE TEST THAT WAS RUN ON 07/08/2016.

EXPECTED RATE, BWPD : 2500
EXPECTED PRESSUR, PSI: 1950

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 Cindy Herrera-Murillo TITLE PERMITTING SPECIALIST DATE 02/27/2017

Type or print name CINDY HERRERA-MURILLO E-mail address: Cherreramurillo@chevron.com PHONE: 575-263-0431

For State Use Only

APPROVED BY:

Conditions of Approval (if any)

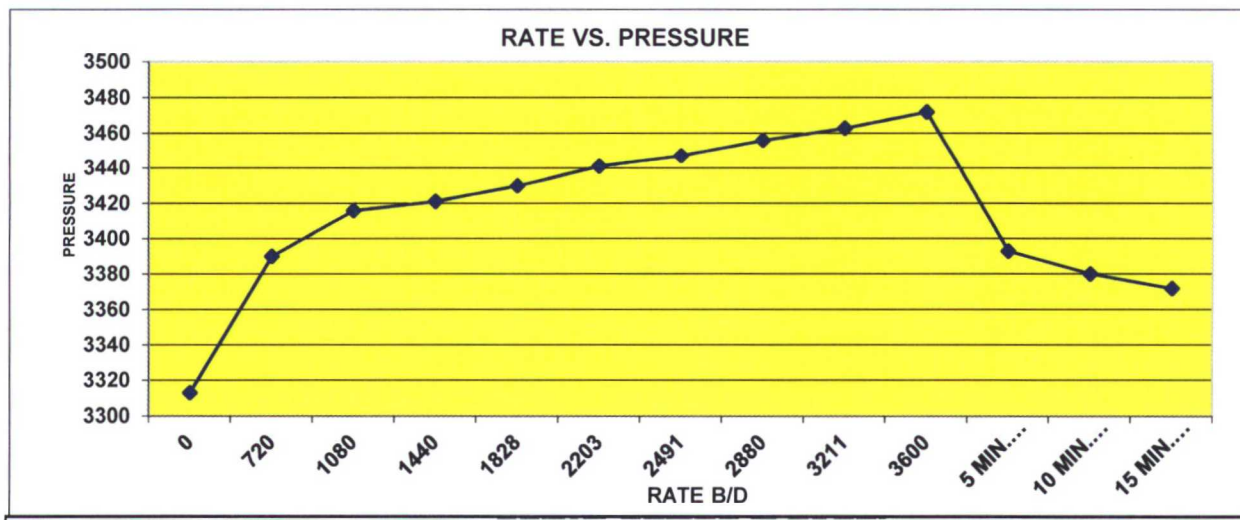
DATE

(Handwritten notes and signatures)
R-5530-F
R-5530-A
R-5530-A
1620 ≈ 1600 PSI
4543
0.35
EXHIBIT 12
12/19/96
7/8/93



STEP RATE TEST

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	7/8/2016	8:40 AM	3313	1290	
720	7/8/2016	9:10 AM	3390	1405	
1080	7/8/2016	9:40 AM	3416	1450	
1440	7/8/2016	10:10 AM	3421	1500	
1828	7/8/2016	10:40 AM	3430	1560	
2203	7/8/2016	11:10 AM	3441	1620	
2491	7/8/2016	11:40 AM	3447	1690	
2880	7/8/2016	12:10 PM	3456	1770	
3211	7/8/2016	12:40 PM	3463	1860	
3600	7/8/2016	1:10 PM	3472	1950	
5 MIN. FALLOFF	7/8/2016	1:15 PM	3393	1380	
10 MIN. FALLOFF	7/8/2016	1:20 PM	3380	1360	
15 MIN. FALLOFF	7/8/2016	1:25 PM	3372	1350	
Company: CHEVRON USA				Recorded By:	T. STANCZAK
Well: CVU # 133				Witnessed By:	
Field: VACUUM				Truck Number:	104
County: LEA				District:	LEVELLAND
State: NM				Tool Number:	
Injector: WATER				Test Type:	STEP RATE TESTS
Tubing Size: 2.375"				NO FRAC WAS ACHIEVED	
Seat Nipple Depth: N/A					
Perforations: 4543'-4647'					
Plug Back Depth: N/A					



CHEVRON

CENTRAL VACUUM UNIT # 133

July 8, 2016

JOB INFORMATION SHEET

Company Information	
Company Name:	CHEVRON
Address:	1500 LOUISIANA STREET HOUSTON, TX 77002
Well Information	
Well Name:	CENTRAL VACUUM UNIT # 133
Field - Pool:	VACUUM
Status:	SHUT-IN
Test Information	
Type of Test:	STEP RATE
Gauge Depth:	4380'
Production Interval:	4543'-4647'
Production Through:	TUBING
Tubing Pressure:	1950 psi
Casing Pressure:	0 psi
Status:	SHUT-IN
Temperature @ Run Depth	92.82 degF
Surface Temperature:	90.11 degF
Comments	
NO FRAC WAS ACHIEVED	

QES

CHEVRON
1500 LOUISIANA STREET
HOUSTON, TX 77002

WELL INFORMATION SHEET

Well:	CENTRAL VACUUM UNIT # 133	Unique Well Identifier:	30-025-25994
Well License:			
Company:	CHEVRON		
Field:	VACUUM		

Location:		County:	LEA
Formation:		State:	NM
Purpose:	STEP RATE TEST	Country:	USA

Total Depth:	4800'	ID Borehole:	N/A
Packer Depth:	4378'	ID Production Casing:	4"
Depth of whipstock:	N/A	OD Production Tubing:	2.375"
Depth at which casing is landed:	4800'	ID Production Tubing:	2"
Depth at which tubing is landed:	4378'	ID Drill Pipe:	N/A

QES

Gradient Data Report

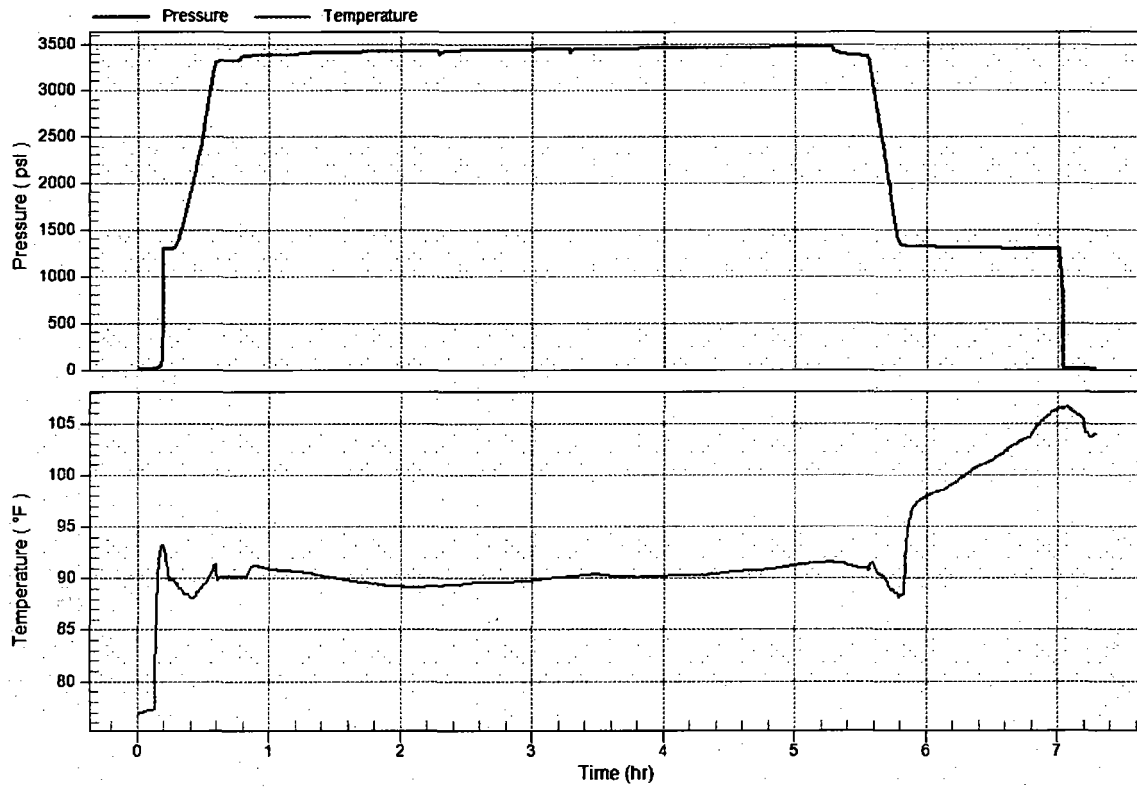
CHEVRON
CENTRAL VACUUM UNIT # 133

Gradient Data Table

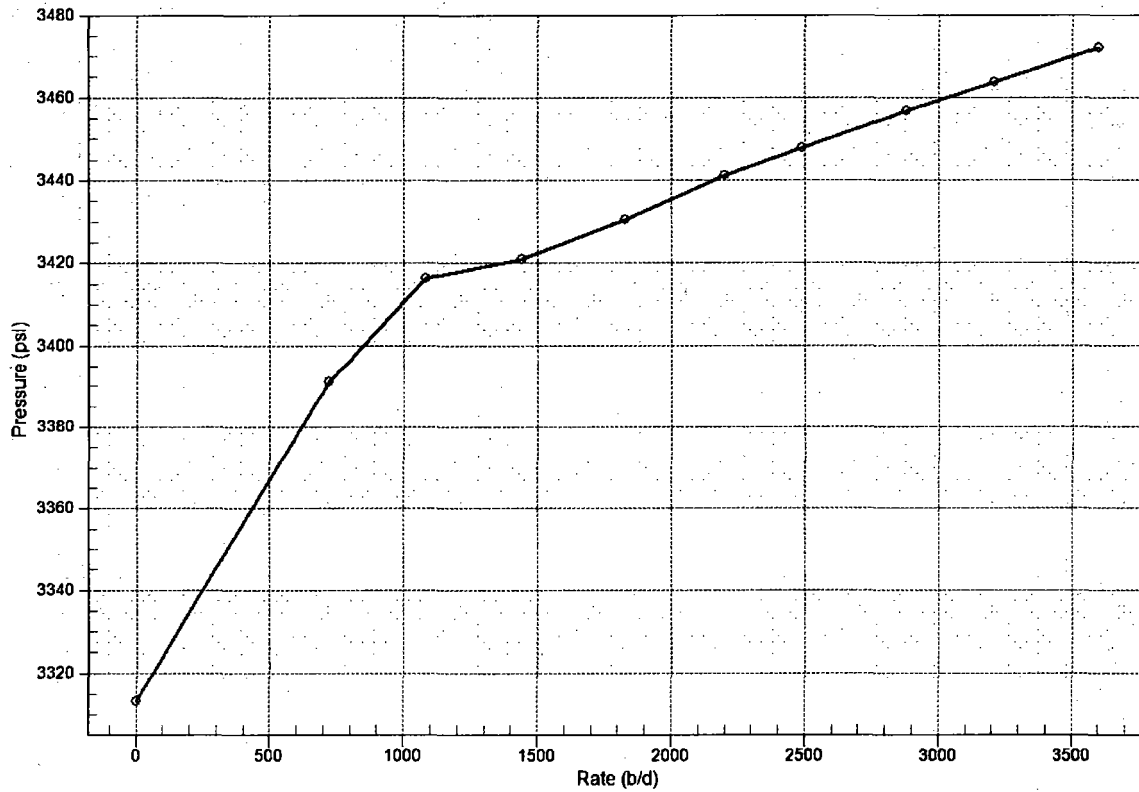
Rate b/d	Pressure psi	Temperature degF	Gradient psi/rate
0.00	3313.31	90.11	0.0000
720.00	3390.99	90.52	0.1079
1080.00	3416.25	89.47	0.0702
1440.00	3421.02	89.27	0.0133
1828.00	3430.51	89.61	0.0245
2203.00	3441.20	90.12	0.0285
2491.00	3447.87	90.09	0.0232
2880.00	3456.79	90.29	0.0229
3211.00	3463.80	90.81	0.0212
3600.00	3472.04	91.57	0.0212

QES

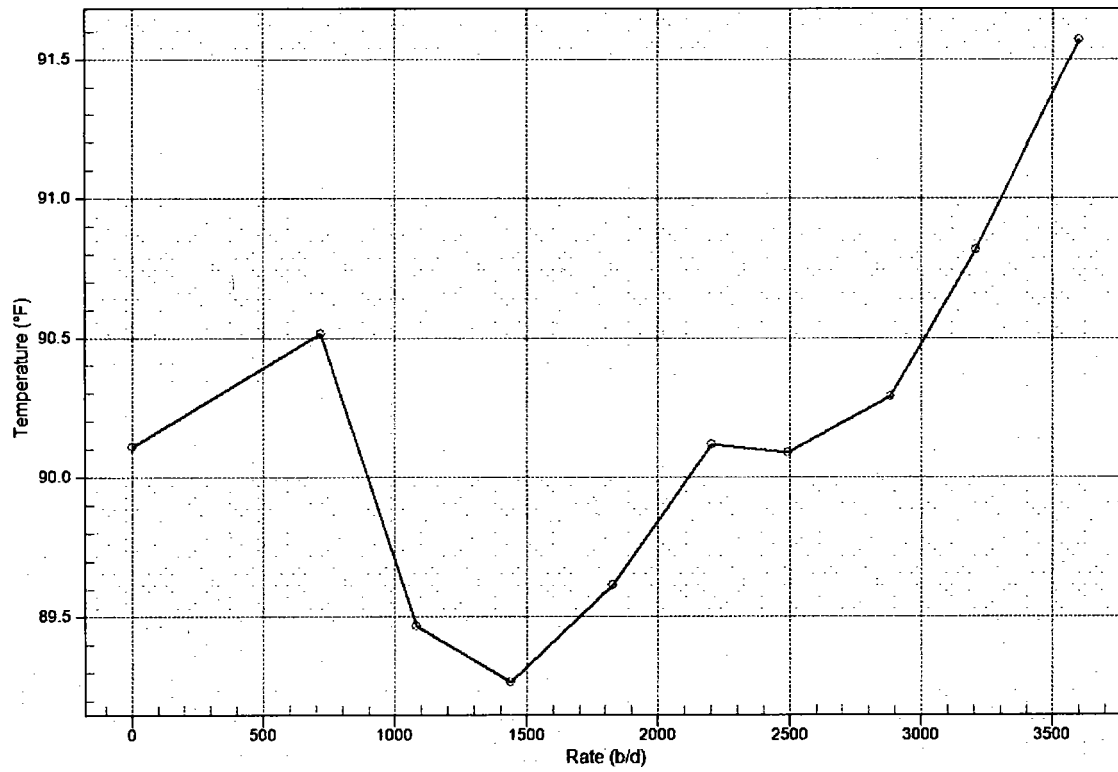
CVU 133



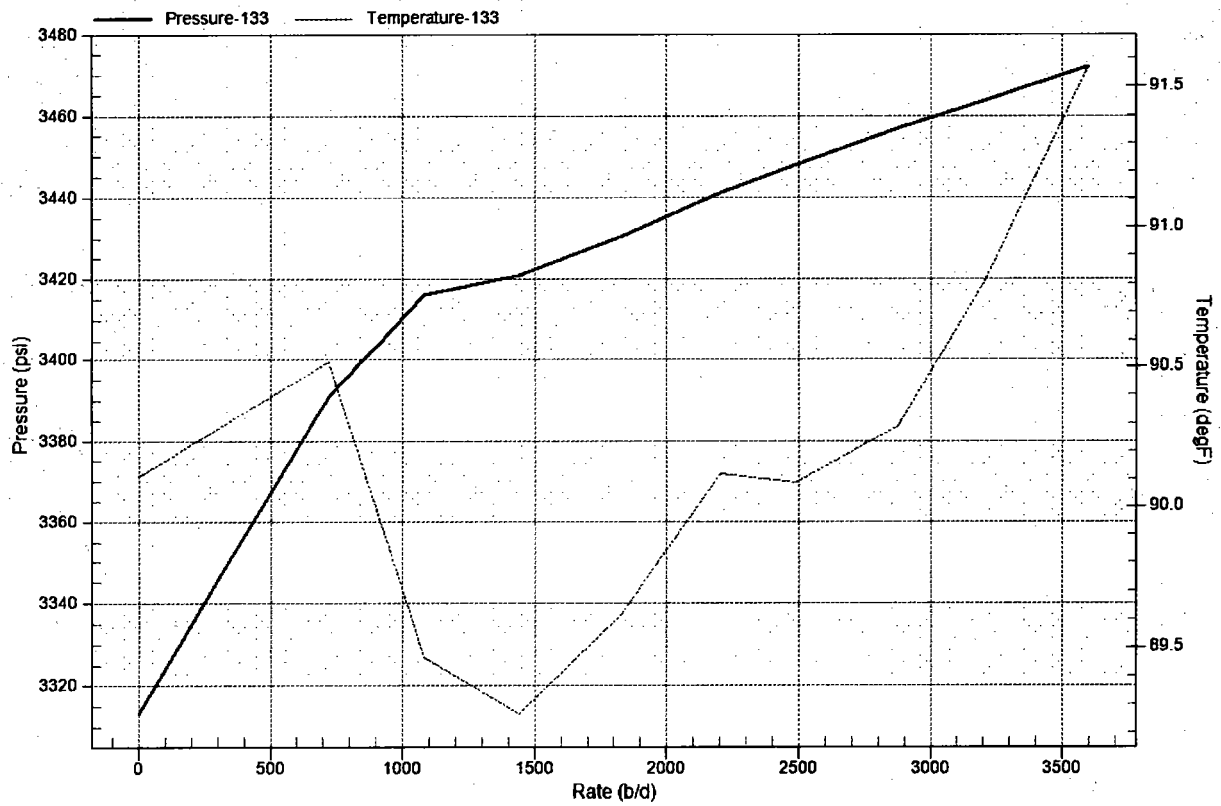
Pressure vs. Rate

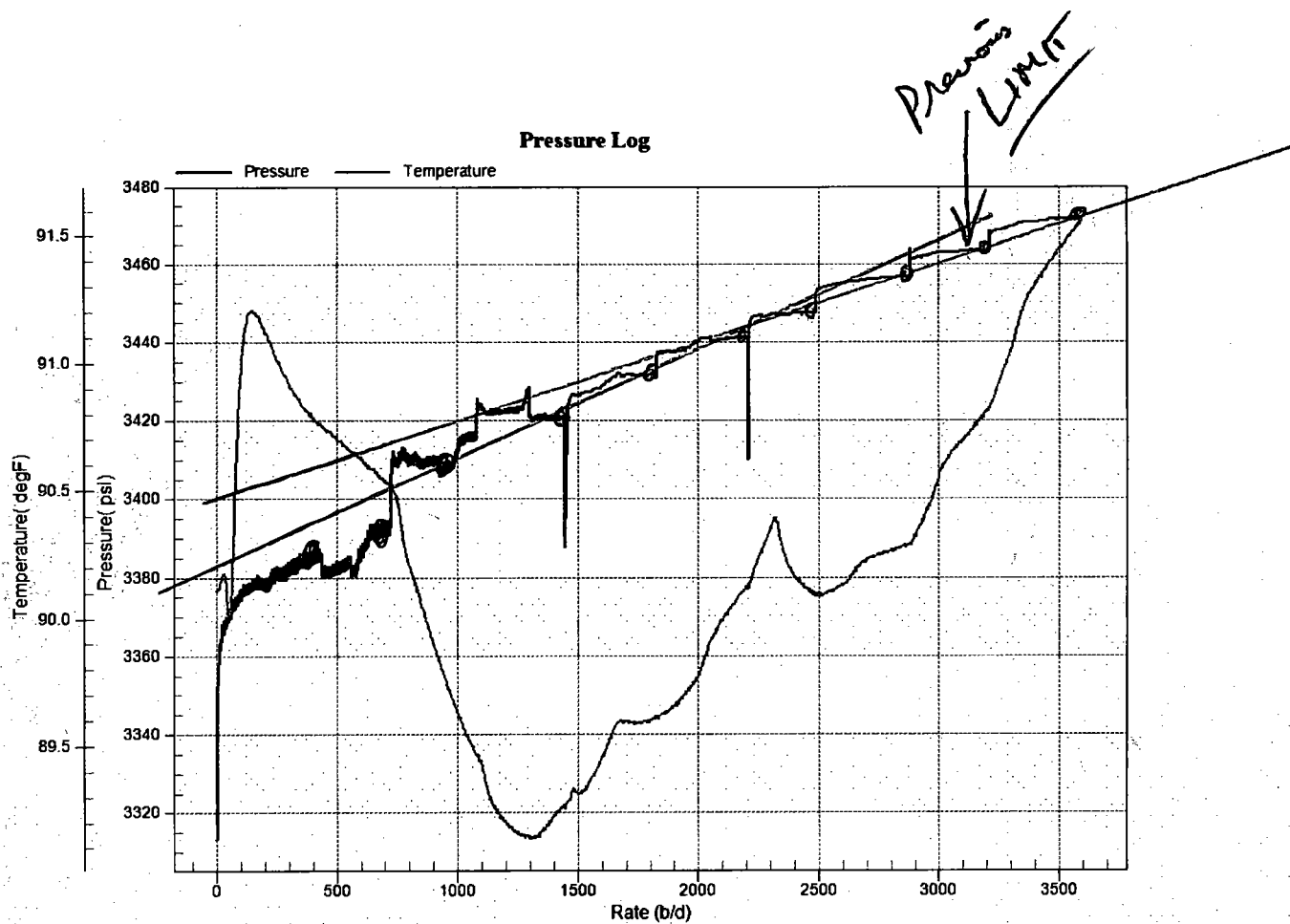


Temperature vs. Rate



Pres/Temp vs Rate





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Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-25696
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
CENTRAL VACUUM UNIT
8. Well Number 135
9. OGRID Number
4323
10. Pool name or Wildcat
VACUUM; GRAYBURG SAN ANDRES

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 INJECTOR

2. Name of Operator
CHEVRON USA INC

3. Address of Operator
1616 W. BENDER BLVD HOBBS, NM 88240

4. Well Location

Unit Letter L; LOT 6 : 1600 feet from the SOUTH line and 40 feet from the WEST line
Section 6 Township 18S Range 35E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3984' GL

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: RESULTS OF STEP RATE TEST ☒

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.

CHEVRON USA INC. IS REQUESTING FOR AN INCREASE IN PRESSURE LIMIT ON THE ABOVE WELL.

PLEASE FIND ATTACHED RESULTS OF A STEP RATE TEST THAT WAS RUN ON 02/02/2017.

EXPECTED RATE, BWPD : 2500
EXPECTED PRESSURE , PSI: 2200

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 Cindy Herrera-Murillo TITLE PERMITTING SPECIALIST DATE 02/27/2017

Type or print name CINDY HERRERA-MURILLO E-mail address: Cherreramurillo@chevron.com PHONE: 575-263-0431

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

NO ADMINS EARLIER

R-5530-AE = 1500 psi

120 psi @ 11650 EX #2 12-19-96

2015- FAILED TEST

- BEGUN TOO HIGH -

RETAIN EXISTING LIMIT

Pressure Survey Report

CHEVRON

CENTRAL VACUUM UNIT # 135

February 2, 2017

JOB INFORMATION SHEET

Company Information	
Company Name:	CHEVRON
Address:	1500 LOUISIANA STREET HOUSTON, TX 77002
Well Information	
Well Name:	CENTRAL VACUUM UNIT # 135
Field - Pool:	VACUUM
Status:	SHUT-IN
Test Information	
Type of Test:	STEP RATE
Gauge Depth:	4310'
Production Interval:	4341'-4695'
Production Through:	TUBING
Tubing Pressure:	2325 psi
Casing Pressure:	0 psi
Status:	SHUT-IN
Temperature @ Run Depth	89.70 degF
Surface Temperature:	63.04 degF
Comments	
SOFT FRAC @ 2836 B/D SURFACE PRESSURE @ 2325 PSI BOTTOM HOLE PRESSURE @ 3828 PSI	

QES

CHEVRON
1500 LOUISIANA STREET
HOUSTON, TX 77002

WELL INFORMATION SHEET

Well:	CENTRAL VACUUM UNIT # 135	Unique Well Identifier:	30-025-25996
Well License:			
Company:	CHEVRON		
Field:	VACUUM		

Location:		County:	LEA
Formation:		State:	NM
Purpose:	STEP RATE TEST	Country:	USA

Total Depth:	4800'	ID Borehole:	N/A
Packer Depth:	4260'	ID Production Casing:	4"
Depth of whipstock:	N/A	OD Production Tubing:	2.375"
Depth at which casing is landed:	4800'	ID Production Tubing:	2
Depth at which tubing is landed:	4260'	ID Drill Pipe:	N/A

QES

Gradient Data Report

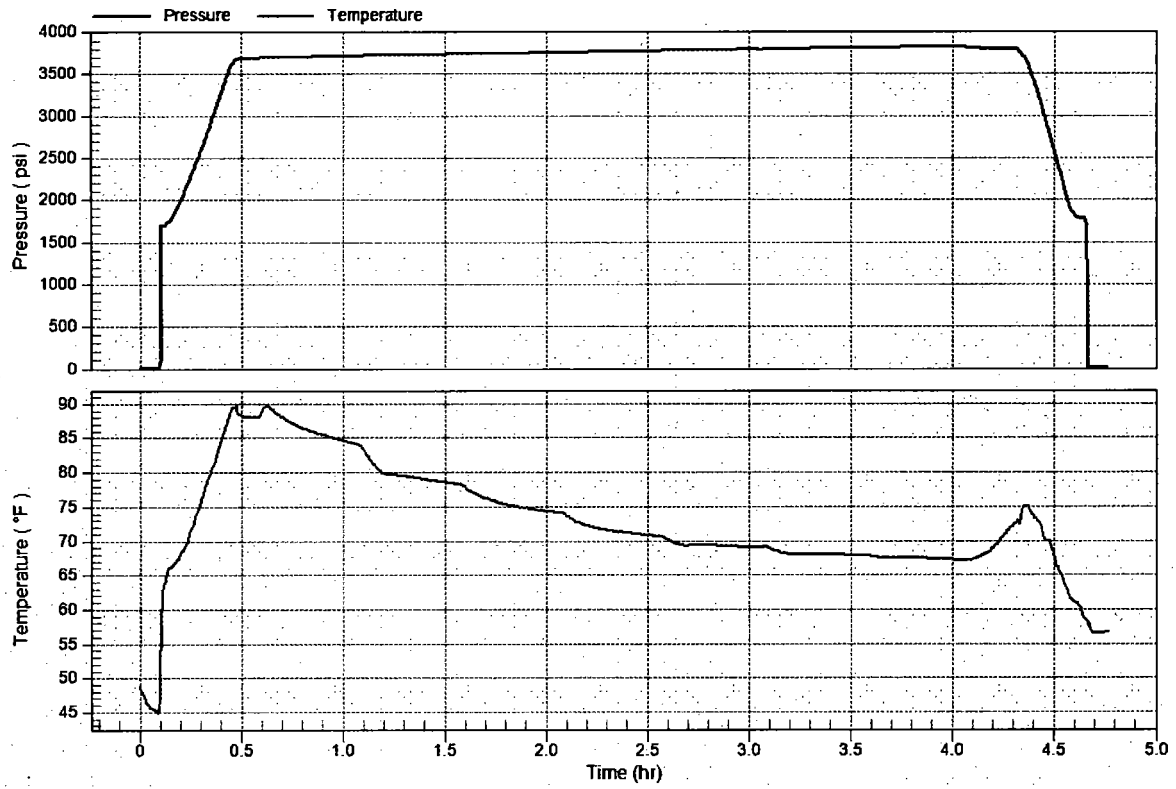
CHEVRON
CENTRAL VACUUM UNIT # 135

Gradient Data Table

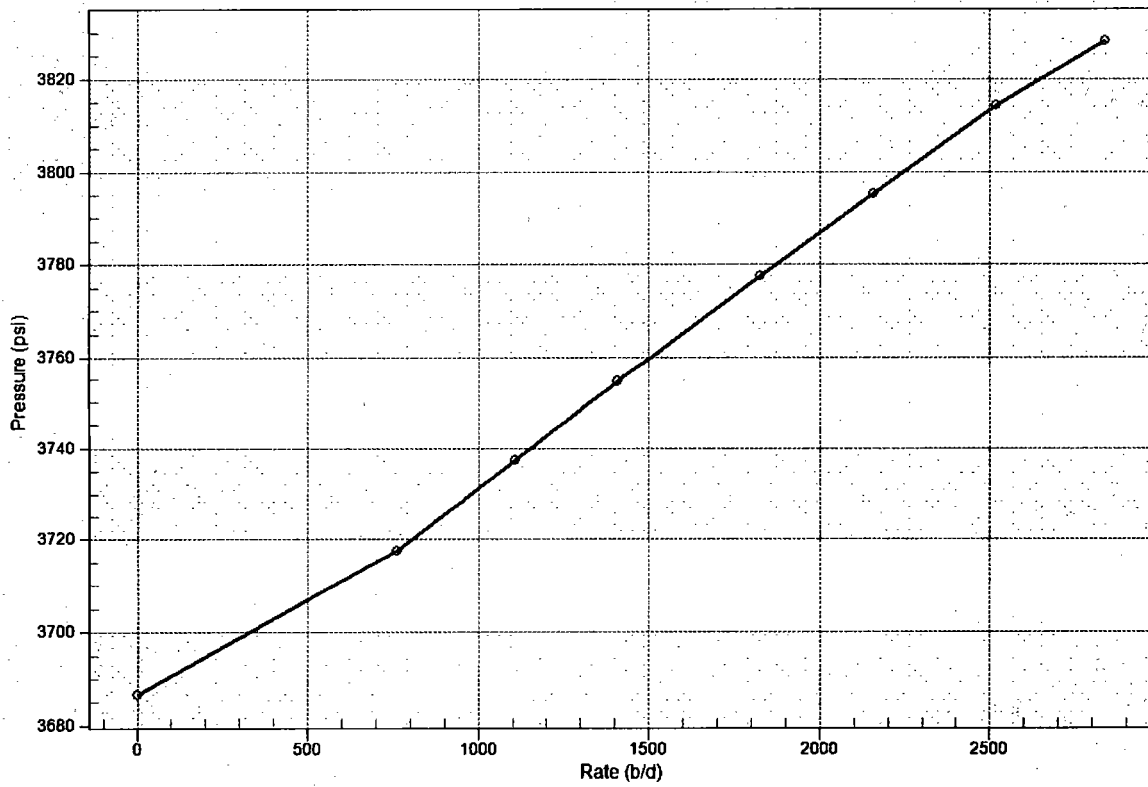
Rate b/d	Pressure psi	Temperature degF	Gradient psi/rate
0.00	3686.64	88.08	0.0000
763.00	3717.53	84.21	0.0405
1108.00	3737.32	78.34	0.0574
1411.00	3754.49	74.11	0.0567
1828.00	3777.51	70.62	0.0552
2160.00	3795.36	69.07	0.0538
2520.00	3814.26	67.86	0.0525
2836.00	3828.19	67.14	0.0441

QES

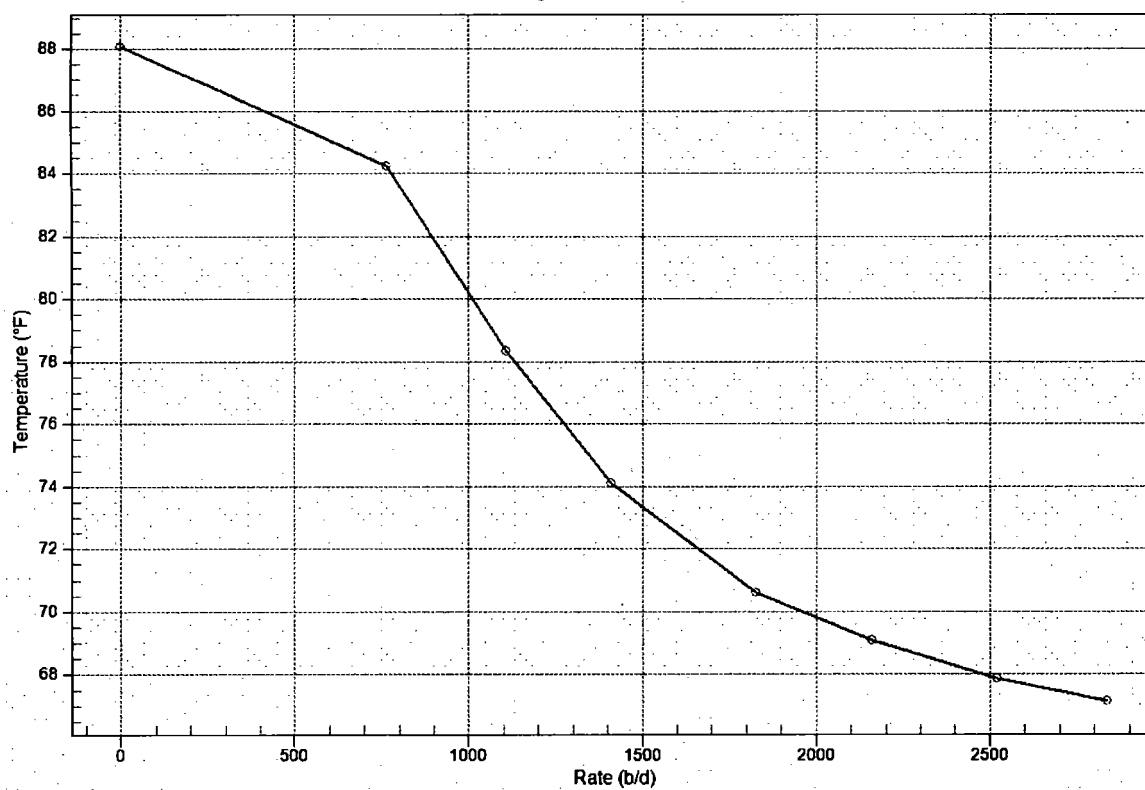
CVU 135



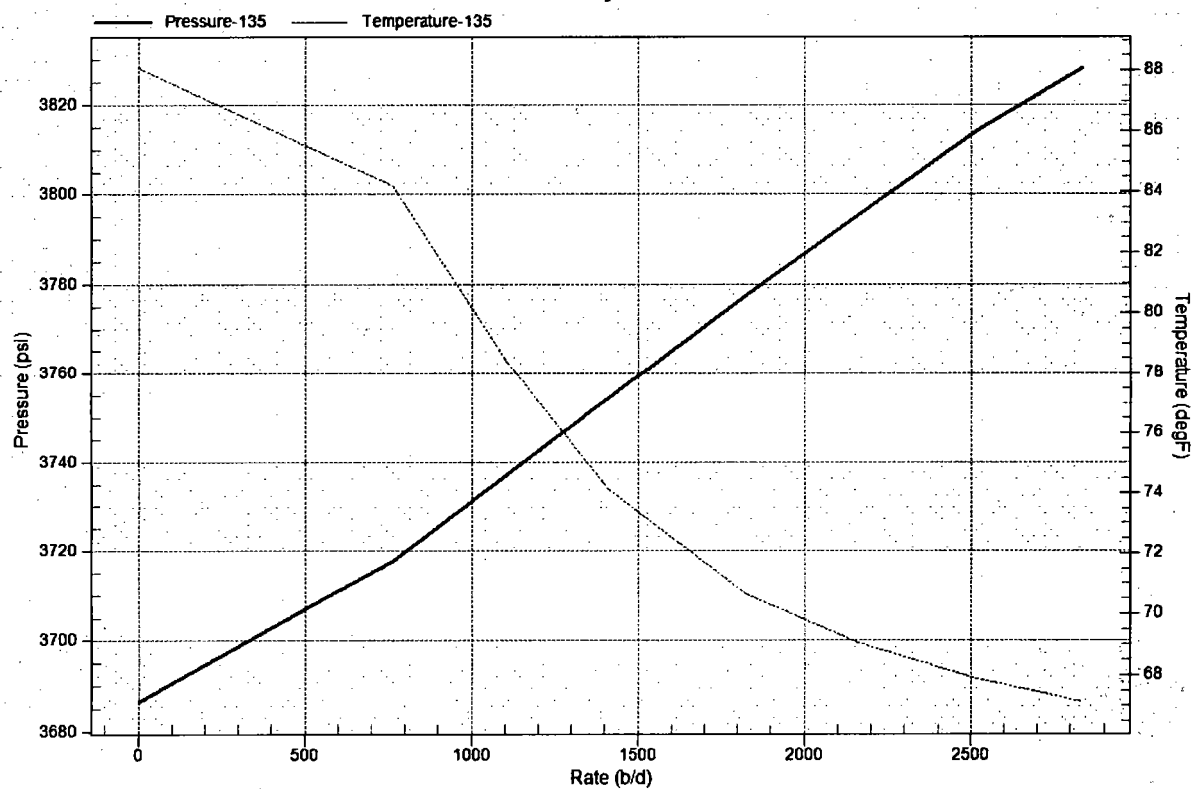
Pressure vs. Rate

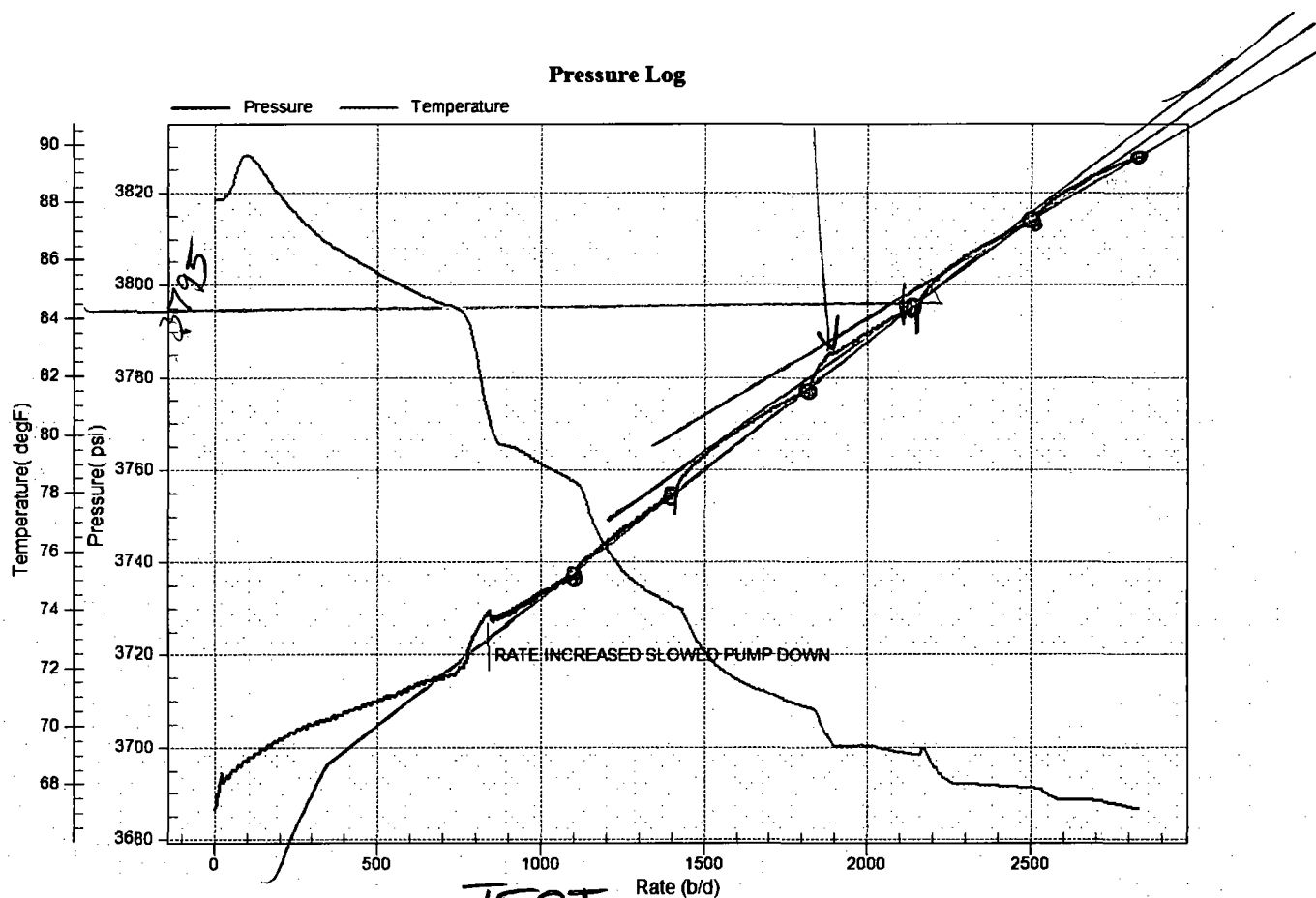


Temperature vs. Rate



Pres/Temp vs Rate





TEST
Began Too HIGH

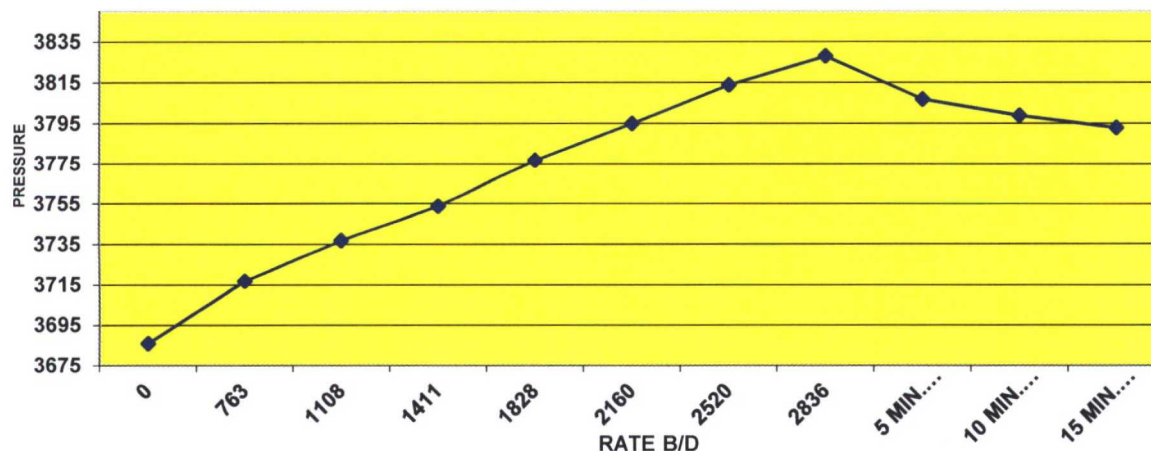
NO STABILIZATION between Steps



STEP RATE TEST

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	2/2/2017	8:30 AM	3686	1690	
763	2/2/2017	9:00 AM	3717	1740	
1108	2/2/2017	9:30 AM	3737	1810	
1411	2/2/2017	10:00 AM	3754	1890	
1828	2/2/2017	10:30 AM	3777	1995	
2160	2/2/2017	11:00 AM	3795	2065	
2520	2/2/2017	11:30 AM	3814	2210	
2836	2/2/2017	12:00 PM	3828	2325	SOFT FRAC
5 MIN. FALLOFF	2/2/2017	12:05 PM	3807	1810	
10 MIN. FALLOFF	2/2/2017	12:10 PM	3799	1790	
15 MIN. FALLOFF	2/2/2017	12:15 PM	3793	1780	
Company: CHEVRON I			Recorded By: T. STANCZAK		
Well: CVU # 135			Witnessed By:		
Field: VACUUM			Truck Number: 104		
County: LEA			District: LEVELLAND		
State: NM			Tool Number:		
Injector: WATER			Test Type: STEP RATE TESTS		
Tubing Size: 2.375"			SOFT FRAC @ 2836 B/D		
Seat Nipple Depth: N/A			SURFACE @ 2325 PSI		
Perforations: 4341'-4695'			BHP @ 3828 PSI		
Plug Back Depth: N/A					

RATE VS. PRESSURE



Submit 1 Copy To Appropriate District
Office
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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 July 18, 2013

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

WELL API NO. 30-025-38002
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT
8. Well Number 342
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM; GRAYBURG SAN ANDRES

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 INJECTOR

2. Name of Operator
CHEVRON USA INC

3. Address of Operator
1616 W. BENDER BLVD HOBBS, NM 88240

4. Well Location

Unit Letter A : 82 feet from the NORTH line and 1186 feet from the EAST line
Section 36 Township 17S Range 34E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3995' GL

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: RESULTS OF STEP RATE TEST ☒

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.

CHEVRON USA INC. IS REQUESTING FOR AN INCREASE IN PRESSURE LIMIT ON THE ABOVE WELL.

PLEASE FIND ATTACHED RESULTS OF A STEP RATE TEST THAT WAS RUN ON 02/22/2017.

EXPECTED RATE, BWPD : 2000
EXPECTED PRESSURE, PSI: 2050

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 Cindy Herrera Murillo TITLE PERMITTING SPECIALIST DATE 02/27/2017

Type or print name CINDY HERRERA-MURILLO E-mail address: Cherreramurillo@chevron.com PHONE: 575-263-0431

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

OLD
WFX-822
1450 PSI

1886-50 = 1840
4334 = 0.424

CHEVRON

CENTRAL VACUUM UNIT # 342

February 22, 2017

JOB INFORMATION SHEET

Company Information	
Company Name:	CHEVRON
Address:	1500 LOUISIANA STREET HOUSTON, TX 77002
Well Information	
Well Name:	CENTRAL VACUUM UNIT # 342
Field - Pool:	VACUUM
Status:	SHUT-IN
Test Information	
Type of Test:	STEP RATE
Gauge Depth:	4330'
Production Interval:	4334'-4778'
Production Through:	TUBING
Tubing Pressure:	2310 psi
Casing Pressure:	0 psi
Shut In Time	11:00 AM
Status:	SHUT-IN
Temperature @ Run Depth	95.86 degF
Surface Temperature:	64.64 degF
Comments	
SOFT FRAC @ 2160 B/D 2140 SURFACE PRESSURE 3805 BOTTOM HOLE PRESSURE	

QES

CHEVRON
1500 LOUISIANA STREET
HOUSTON, TX 77002

WELL INFORMATION SHEET

Well:	CENTRAL VACUUM UNIT # 342	Unique Well Identifier:	30-025-38002
Well License:			
Company:	CHEVRON		
Field:	VACUUM		

Location:		County:	LEA
Formation:		State:	NM
Purpose:	STEP RATE TEST	Country:	USA

Total Depth:	5204'	ID Borehole:	N/A
Packer Depth:	4311'	ID Production Casing:	5"
Depth of whipstock:	N/A	OD Production Tubing:	2.375"
Depth at which casing is landed:	5200'	ID Production Tubing:	1.9"
Depth at which tubing is landed:	4311'	ID Drill Pipe:	N/A

QES

Gradient Data Report

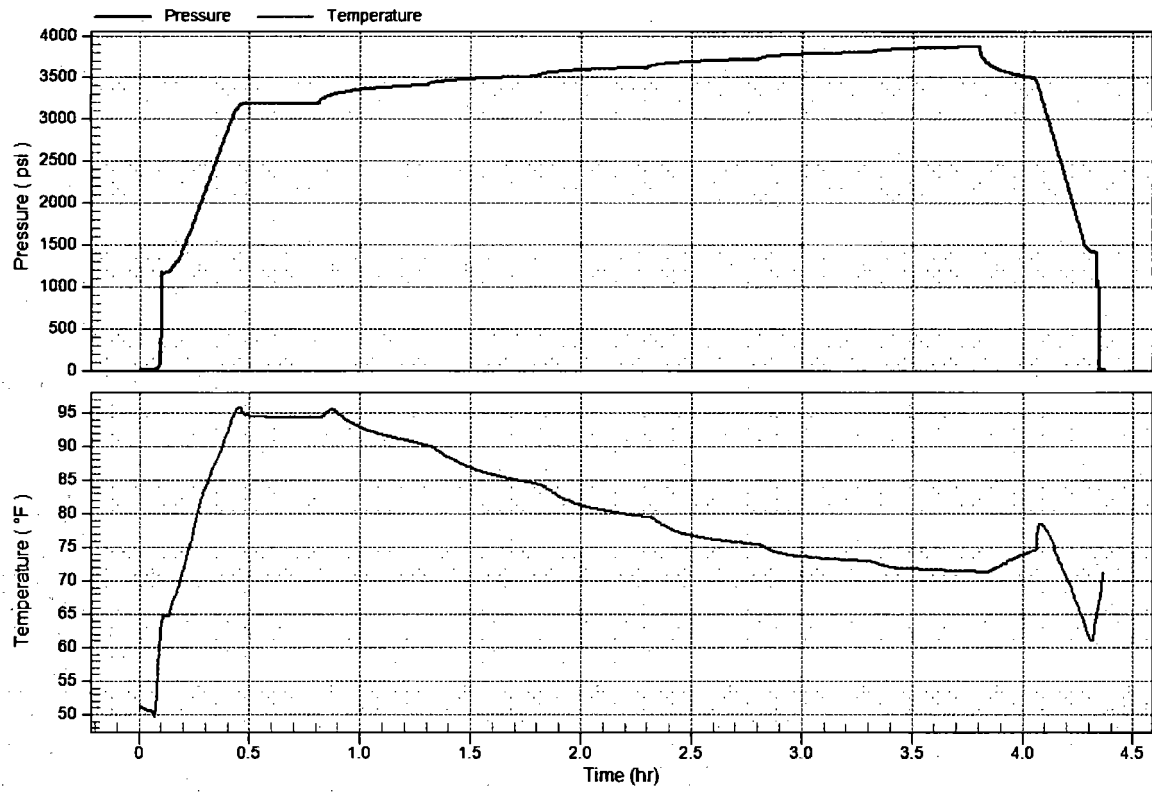
CHEVRON
CENTRAL VACUUM UNIT # 342

Gradient Data Table

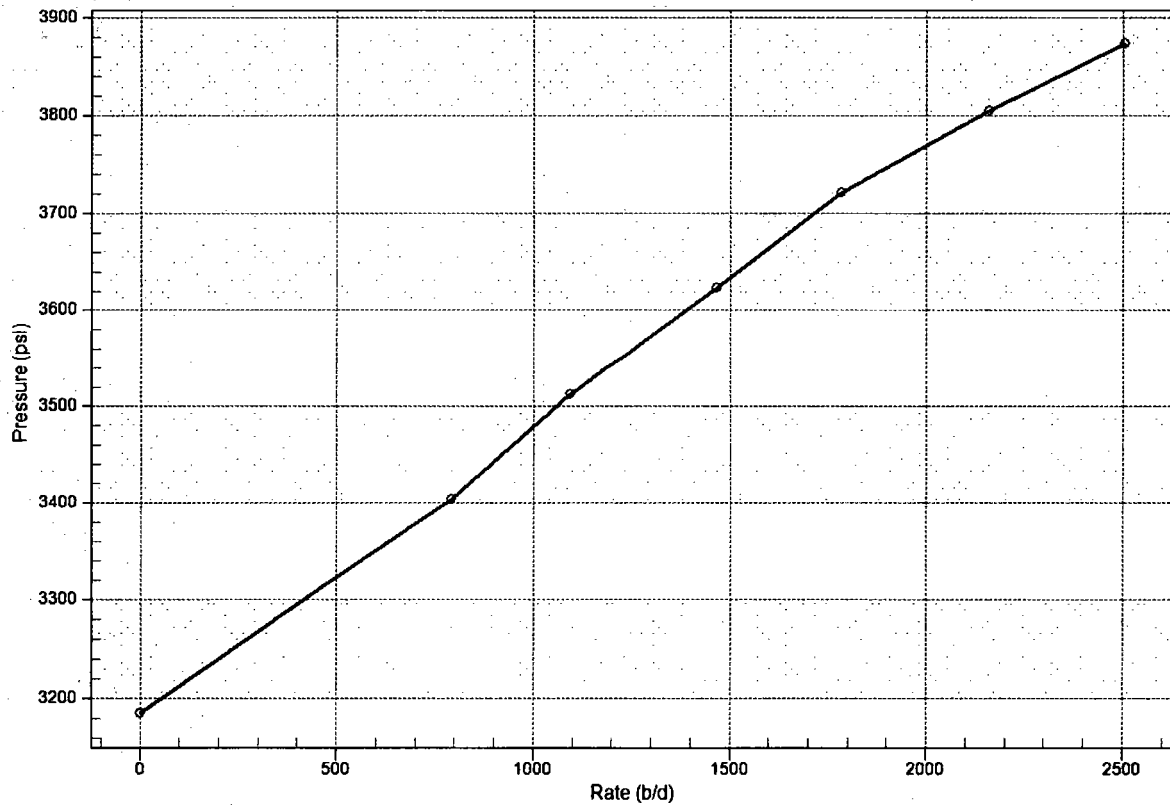
Rate b/d	Pressure psi	Temperature degF	Gradient psi/rate
0.00	3184.81	94.40	0.0000
792.00	3404.19	90.18	0.2770
1094.00	3513.33	84.47	0.3614
1468.00	3623.66	79.52	0.2950
1785.00	3721.00	75.42	0.3071
2160.00	3805.12	72.88	0.2243
2505.00	3873.64	71.35	0.1986

QES

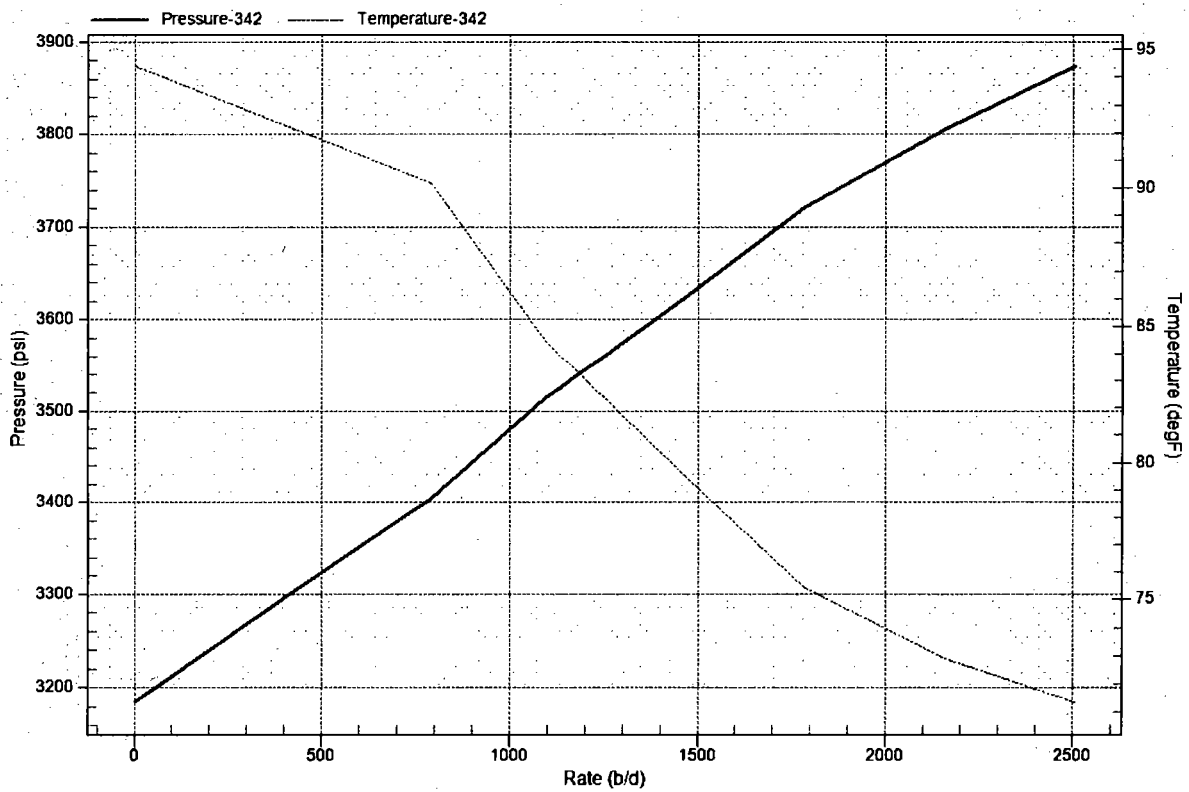
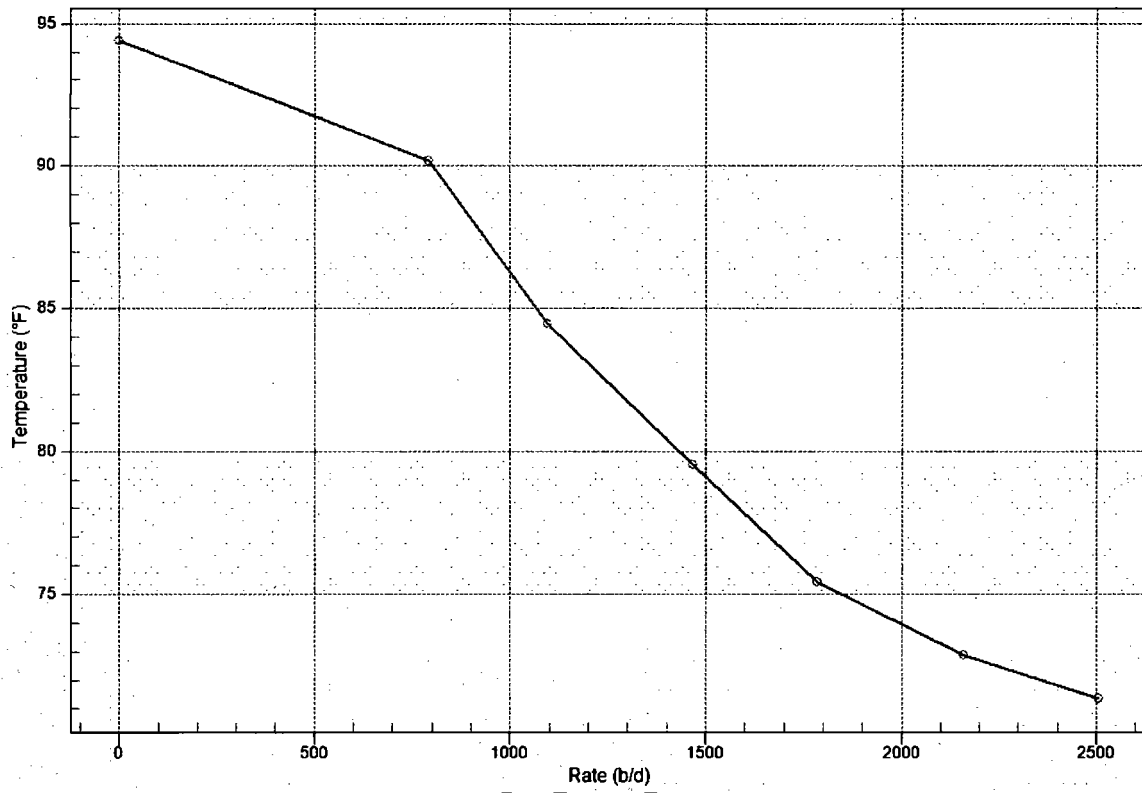
CVU # 342



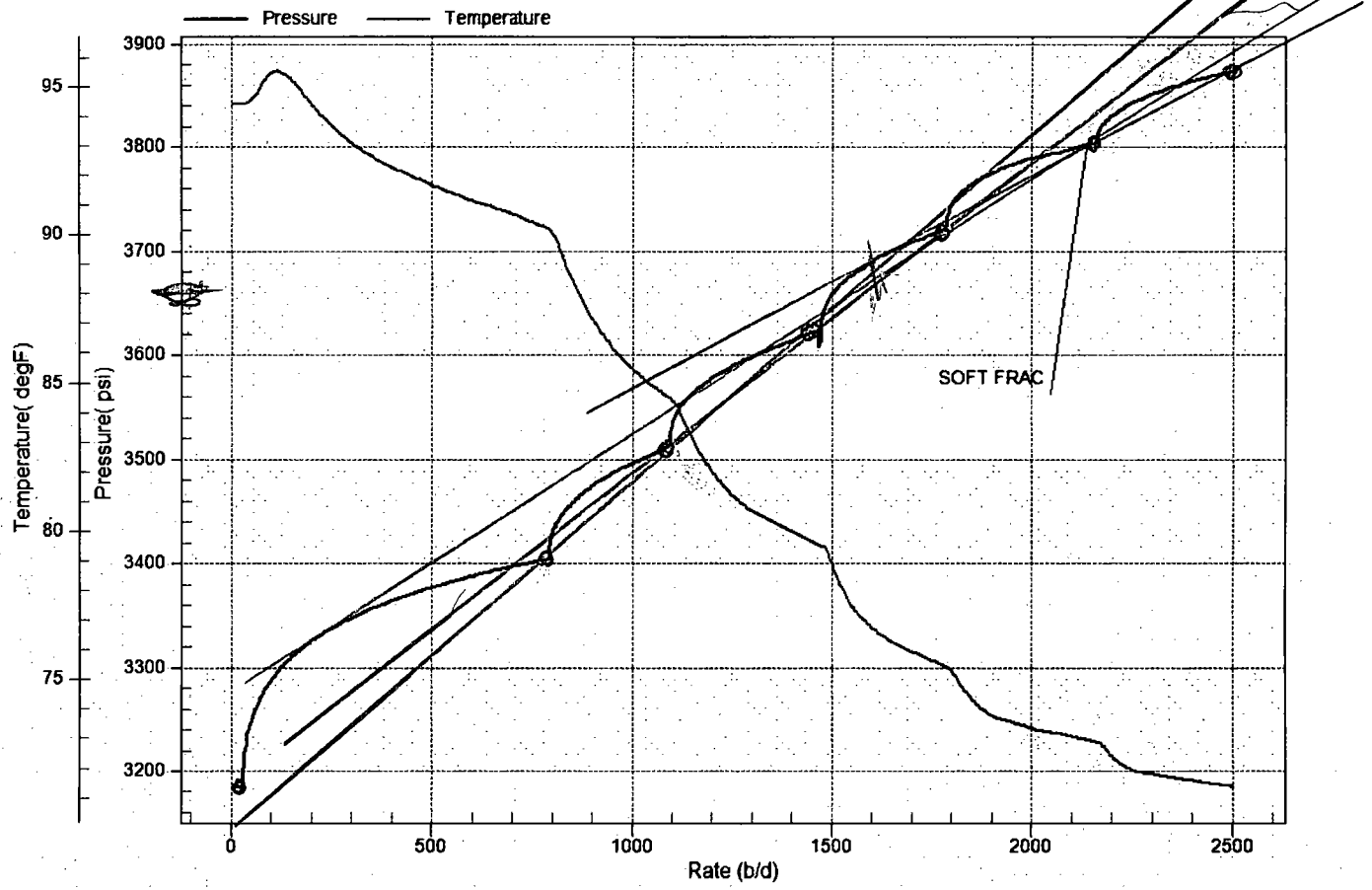
Pressure vs. Rate



Temperature vs. Rate



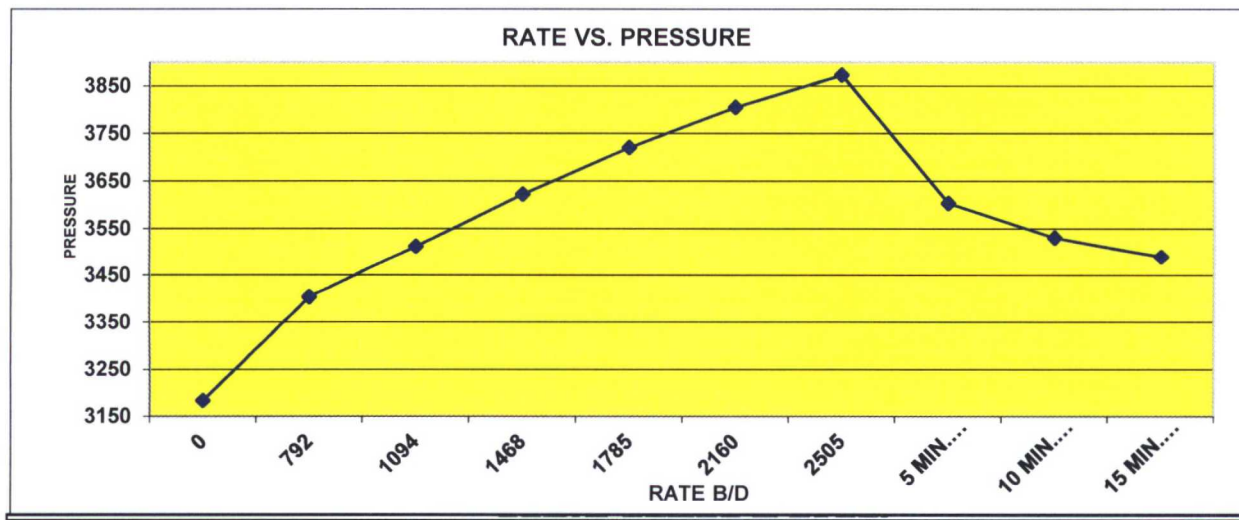
Pressure Log





STEP RATE TEST

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	2/22/2017	8:00 AM	3184	1170	
792	2/22/2017	8:30 AM	3404	1460	
1094	2/22/2017	9:00 AM	3513	1610	
1468	2/22/2017	9:30 AM	3623	1785	
1785	2/22/2017	10:00 AM	3721	1960	
2160	2/22/2017	10:30 AM	3805	2140	SOFT FRAC
2505	2/22/2017	11:00 AM	3873	2310	
5 MIN. FALLOFF	2/22/2017	11:05 AM	3604	1600	
10 MIN. FALLOFF	2/22/2017	11:10 AM	3531	1525	
15 MIN. FALLOFF	2/22/2017	11:15 AM	3490	1485	
Company: CHEVRON USA				Recorded By:	T. STANCZAK
Well: CVU # 342				Witnessed By:	
Field: VACUUM				Truck Number:	104
County: LEA				District:	LEVELLAND
State: NM				Tool Number:	
Injector: WATER				Test Type:	STEP RATE TESTS
Tubing Size: 2.375"				SOFT FRAC @ 2160 B/D 2140 SURFACE PRESSURE 3805 BOTTOM HOLE PRESSURE	
Seat Nipple Depth: N/A					
Perforations: 4334'-4778'					
Plug Back Depth: N/A					



$$\frac{57}{98} = \frac{x}{175}$$

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 July 18, 2013

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

WELL API NO. 30-025-38641
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT
8. Well Number 459
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM; GRAYBURG SAN ANDRES

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 INJECTOR

2. Name of Operator
CHEVRON USA INC

3. Address of Operator
1616 W. BENDER BLVD HOBBS, NM 88240

4. Well Location

Unit Letter D LOT 1 : 1050 feet from the NORTH line and 566 feet from the WEST line
Section 31 Township 17S Range 35E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3988' GL

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: RESULTS OF STEP RATE TEST ☒

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.

CHEVRON USA INC. IS REQUESTING FOR AN INCREASE IN PRESSURE LIMIT ON THE ABOVE WELL.

PLEASE FIND ATTACHED RESULTS OF A STEP RATE TEST THAT WAS RUN ON 02/03/2017.

EXPECTED RATE, BWPD : 2500
EXPECTED PRESSURE, PSI: 2075

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 Cindy Herrera-Murillo TITLE PERMITTING SPECIALIST DATE 02/27/2017

Type or print name CINDY HERRERA-MURILLO E-mail address: Cherreramurillo@chevron.com PHONE: 575-263-0431

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

OLD
WFX-835
1500 PSC

SLIGHT Break
1740

700 PSC
4367 TOP Perf = 0.39

CHEVRON

CENTRAL VACUUM UNIT # 459

February 3, 2017

JOB INFORMATION SHEET

Company Information	
Company Name:	CHEVRON
Address:	1500 LOUISIANA STREET HOUSTON, TX 77002
Well Information	
Well Name:	CENTRAL VACUUM UNIT # 459
Field – Pool:	VACUUM
Status:	SHUT-IN
Test Information	
Type of Test:	STEP RATE TEST
Gauge Depth:	4360'
Production Interval:	4367'-4822'
Production Through:	TUBING
Tubing Pressure:	2075 psi
Casing Pressure:	0 psi
Status:	SHUT-IN
Temperature @ Run Depth	86.69 degF
Surface Temperature:	59.37 degF
Comments	
NO FRAC WAS ACHIEVED	

QES

CHEVRON
1500 LOUISIANA STREET
HOUSTON, TX 77002

WELL INFORMATION SHEET

Well:	CENTRAL VACUUM UNIT # 459	Unique Well Identifier:	30-025-38641
Well License:			
Company:	CHEVRON		
Field	VACUUM		

Location:	County:	LEA
Formation:	State:	NM
Purpose:	Country:	USA

Total Depth:	5005'	ID Borehole:	N/A
Packer Depth:	4340'	ID Production Casing:	4.9"
Depth of whipstock:	N/A	OD Production Tubing:	2.375"
Depth at which casing is landed:	4938'	ID Production Tubing:	1.9"
Depth at which tubing is landed:	4340'	ID Drill Pipe:	N/A

QES

Gradient Data Report

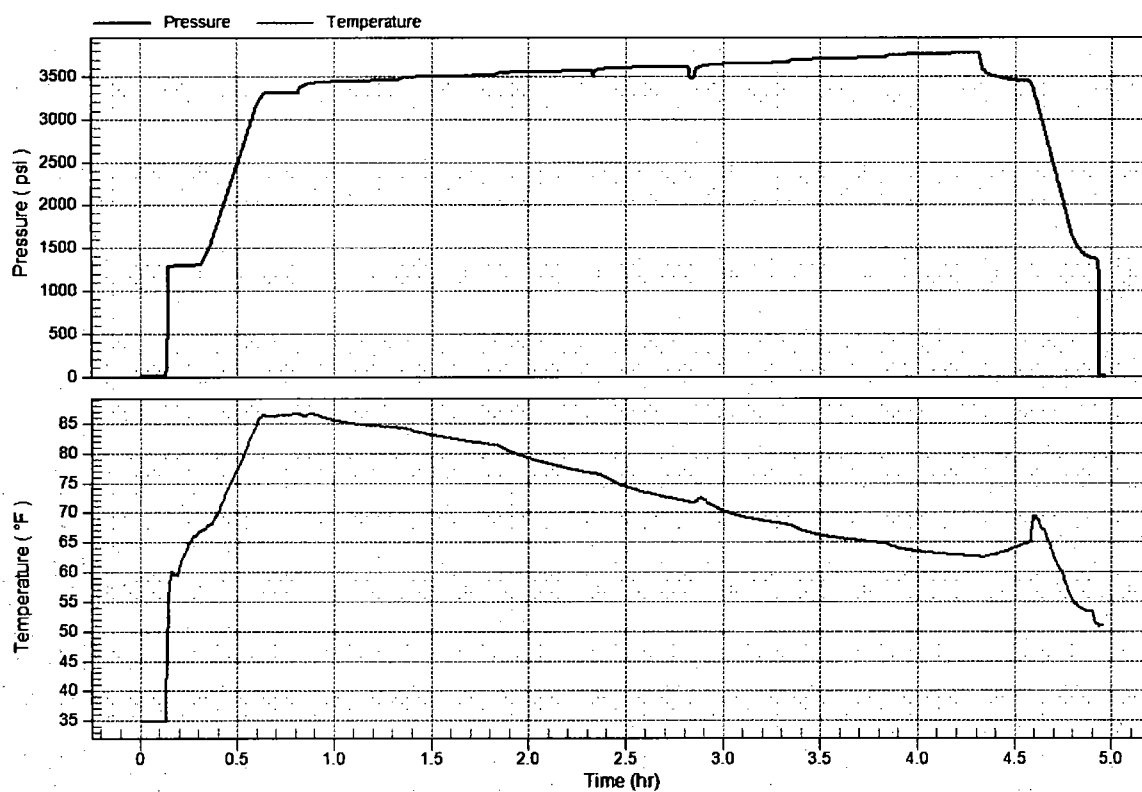
CHEVRON
CENTRAL VACUUM UNIT # 459

Gradient Data Table

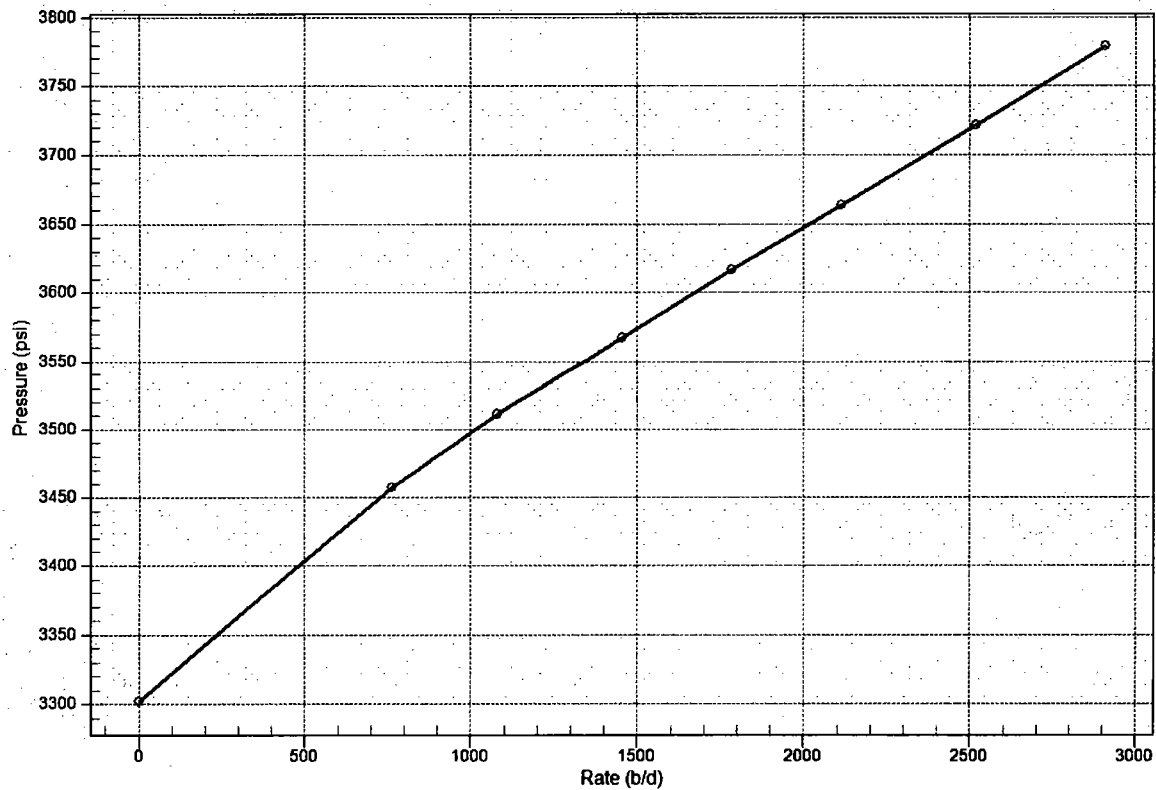
Rate b/d	Pressure psi	Temperature degF	Gradient psi/rate
0.00	3302.06	86.54	0.0000
763.00	3457.01	84.28	0.2031
1080.00	3511.07	81.44	0.1705
1454.00	3567.65	76.58	0.1513
1785.00	3616.36	71.87	0.1472
2116.00	3663.86	68.04	0.1435
2520.00	3721.22	64.87	0.1420
2908.00	3778.77	62.56	0.1483

QES

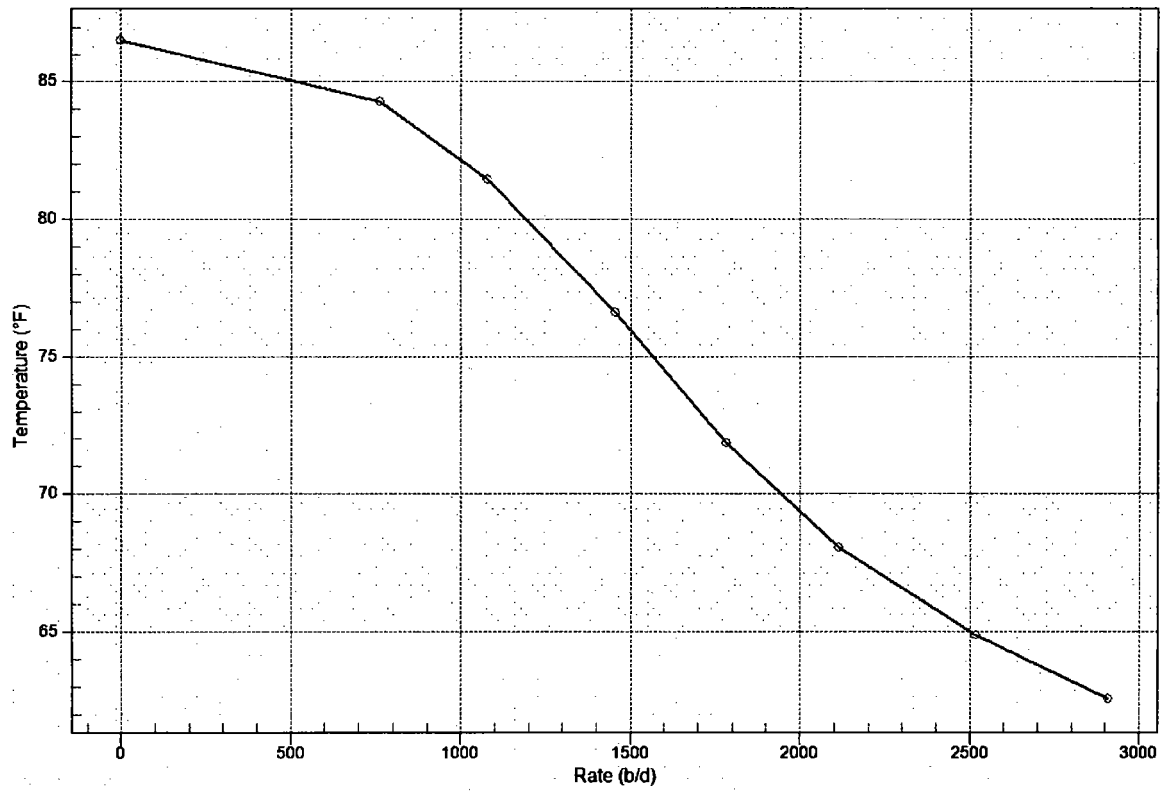
CVU 459



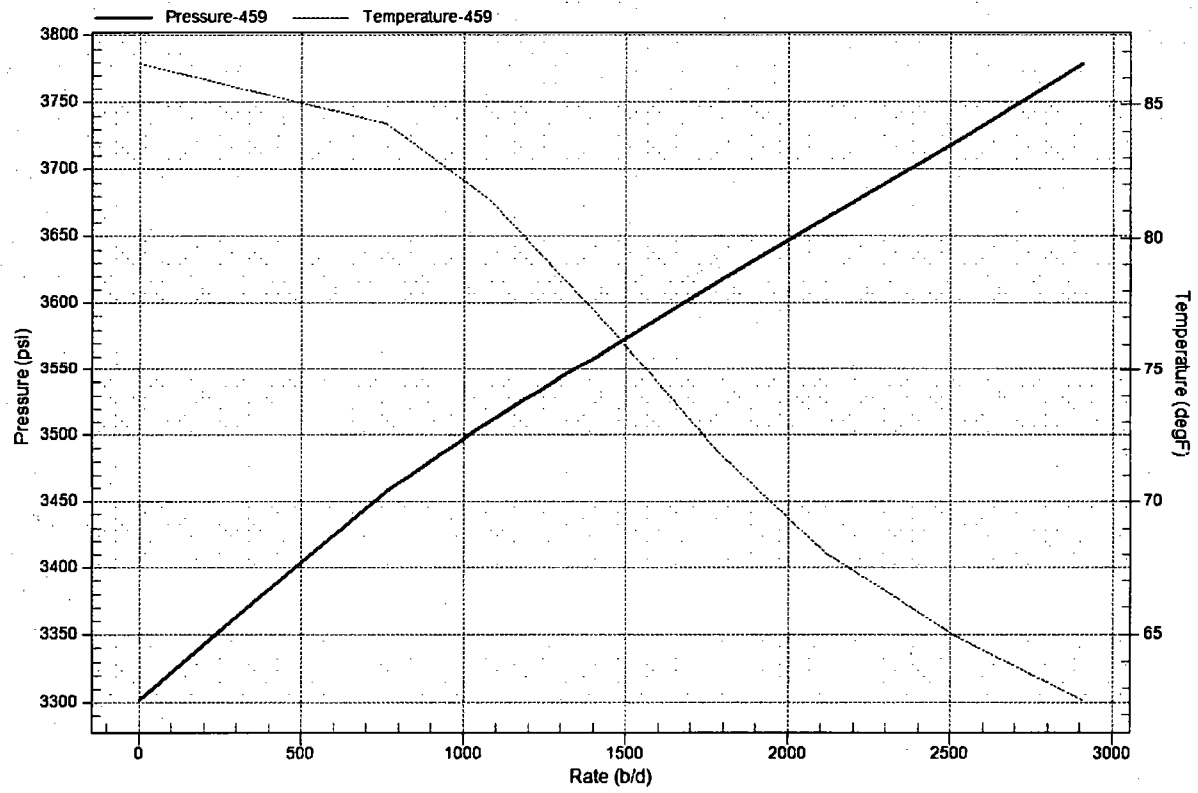
Pressure vs. Rate



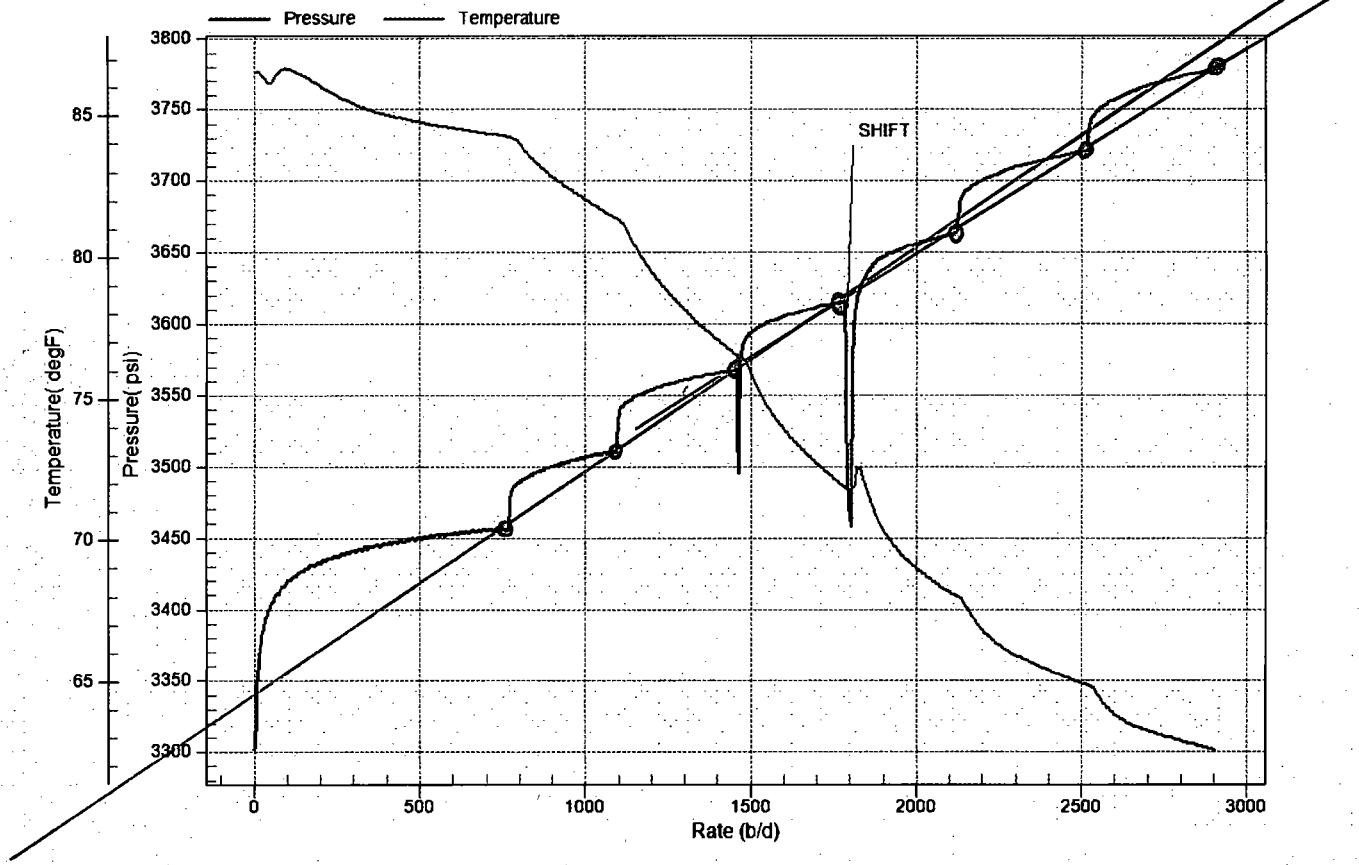
Temperature vs. Rate



Pres/Temp vs Rate



Pressure Log





STEP RATE TEST

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	2/3/2017	8:50 AM	3302	1290	
763	2/3/2017	9:20 AM	3457	1460	
1080	2/3/2017	9:50 AM	3511	1550	
1454	2/3/2017	10:20 AM	3567	1650	
1785	2/3/2017	10:50 AM	3616	1740	
2116	2/3/2017	11:20 AM	3663	1830	
2520	2/3/2017	11:50 AM	3721	1950	
2908	2/3/2017	12:20 PM	3778	2075	
5 MIN. FALLOFF	2/3/2017	12:25 PM	3494	1465	
10 MIN. FALLOFF	2/3/2017	12:30 PM	3458	1450	
15 MIN. FALLOFF	2/3/2017	12:35 PM	3438	1440	
Company:	CHEVRON I			Recorded By:	T. STANCZAK
Well:	CVU # 459			Witnessed By:	
Field:	VACUUM			Truck Number:	104
County:	LEA			District:	LEVELLAND
State:	NM			Tool Number:	
Injector:	WATER			Test Type:	STEP RATE TESTS
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Seat Nipple Depth:	N/A				
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Plug Back Depth	N/A				

