

ABOVE THIS LINE FOR DIVISION USE ONLY

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



**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 \_\_\_\_\_

2015 SEP - 3 P 3: 21  
 RECEIVED OOD

- [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.

Denise Pinkerton *Denise Pinkerton* Regulatory Specialist 09/01/2015  
 Print or Type Name Signature Title Date  
 leatejdo@chevron.com  
 e-mail Address

*CVU #143*

*2350/0.54*

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

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 30-025-25706
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CHEVRON U.S.A. INC.		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705		7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT
4. Well Location Unit Letter: A 35 feet from NORTH line and 127 feet from the EAST line Section 36 Township 17S Range 34E NMPM County LEA		8. Well Number 043
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

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

PLEASE FIND ATTACHED, RESULTS OF A STEP RATE TEST THAT WAS RUN ON THE SUBJECT WELL. PLEASE APPROVE HIGHER PRESSURE LIMITS AS THIS TEST INDICATES. (WATER INJECTION ONLY)

EXPECTED RATE, BWPD - 2500  
 EXPECTED PRESSURE, PSI - 2500

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 *Denise Pinkerton* TITLE REGULATORY SPECIALIST DATE 09/01/2015  
 Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375  
 For State Use Only

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

Conditions of Approval (if any):

# **CHEVRON**

## **CENTRAL VACUUM UNIT # 43**

August 20, 2015

## JOB INFORMATION SHEET

Company Information	
Company Name:	CHEVRON
Address:	1500 LOUISIANA STREET HOUSTON, TX 77002
Well Information	
Well Name:	CENTRAL VACUUM UNIT # 43
Field - Pool:	VACUUM
Status:	SHUT-IN
Test Information	
Type of Test:	STEP-RATE TEST
Gauge Depth:	4335'
Production Interval:	4367'-4712'
Production Through:	TUBING
Tubing Pressure:	2575 psi
Casing Pressure:	0 psi
Shut In Time	12:15 AM
Status:	SHUT-IN
Temperature @ Run Depth	91.55 degF
Surface Temperature:	85.04 degF
Comments	
NO FRAC WAS ACHIEVED	

ARCHER WIRELINE

CHEVRON

## WELL INFORMATION SHEET

Well:	CENTRAL VACUUM UNIT # 43	Unique Well Identifier:	30-025-25706
Well License:			
Company:	CHEVRON		
Field:	VACUUM		

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

Total Depth:	4335'	ID Borehole:	N/A
Packer Depth:	4270'	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:	4270'	ID Drill Pipe:	N/A

ARCHER WIRELINE

## Gradient Data Report

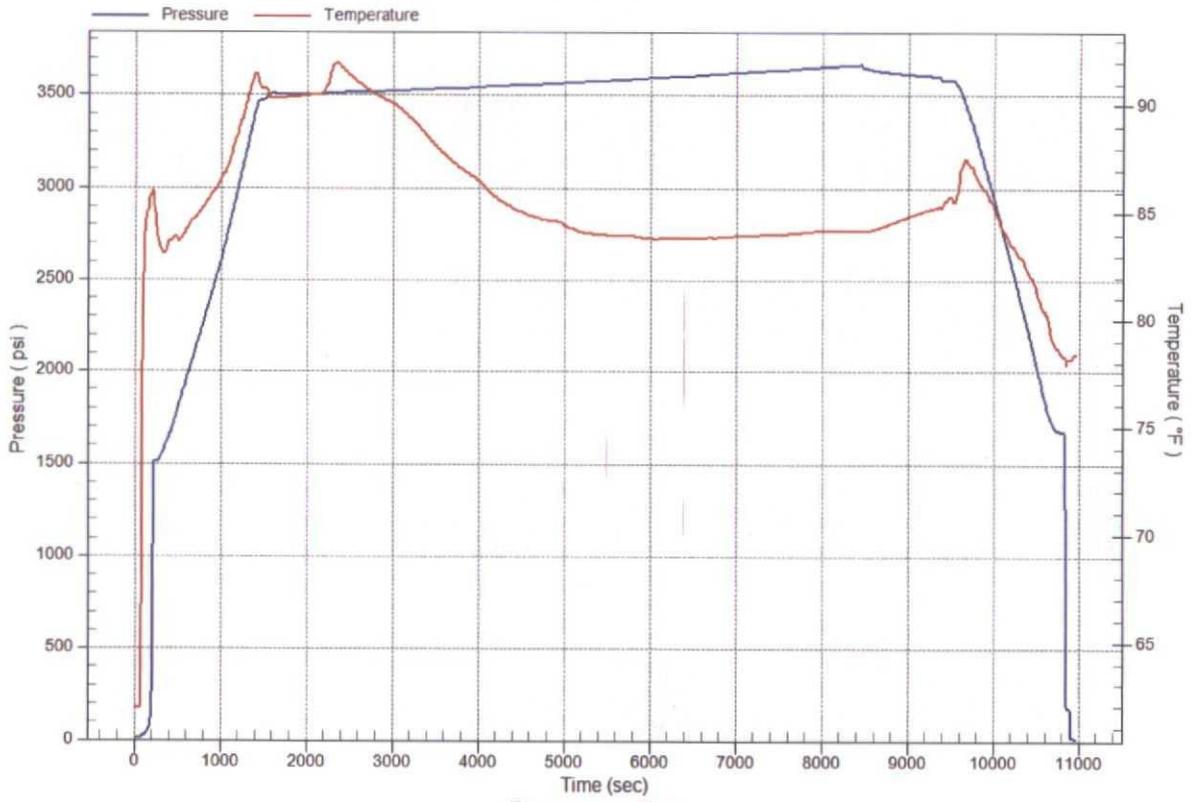
CHEVRON  
CENTRAL VACUUM UNIT # 43

Gradient Data Table

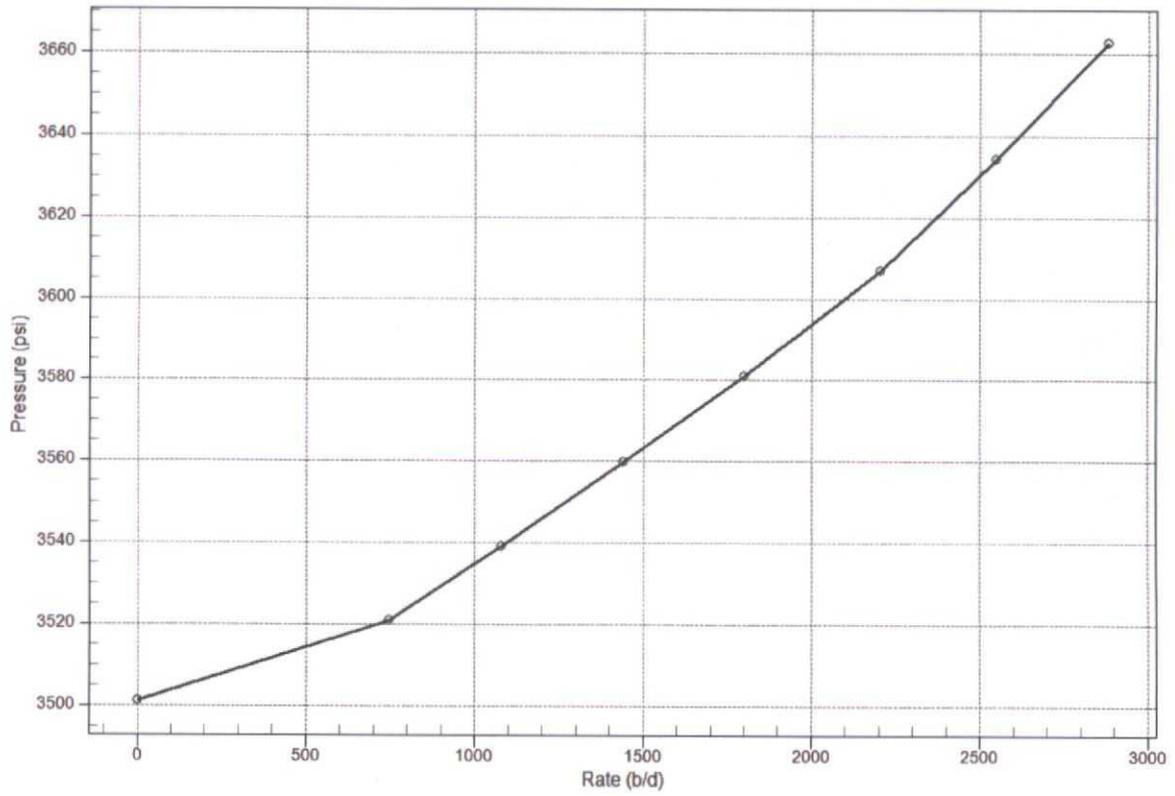
Rate b/d	Pressure psi	Temperature degF	Gradient psi/rate
0.00	3501.09	90.49	0.0000
748.00	3520.70	90.05	0.0262
1080.00	3539.12	86.72	0.0555
1440.00	3559.80	84.63	0.0574
1800.00	3580.98	83.96	0.0588
2203.00	3607.07	83.84	0.0647
2548.00	3634.59	84.02	0.0798
2880.00	3662.66	84.17	0.0845

ARCHER WIRELINE

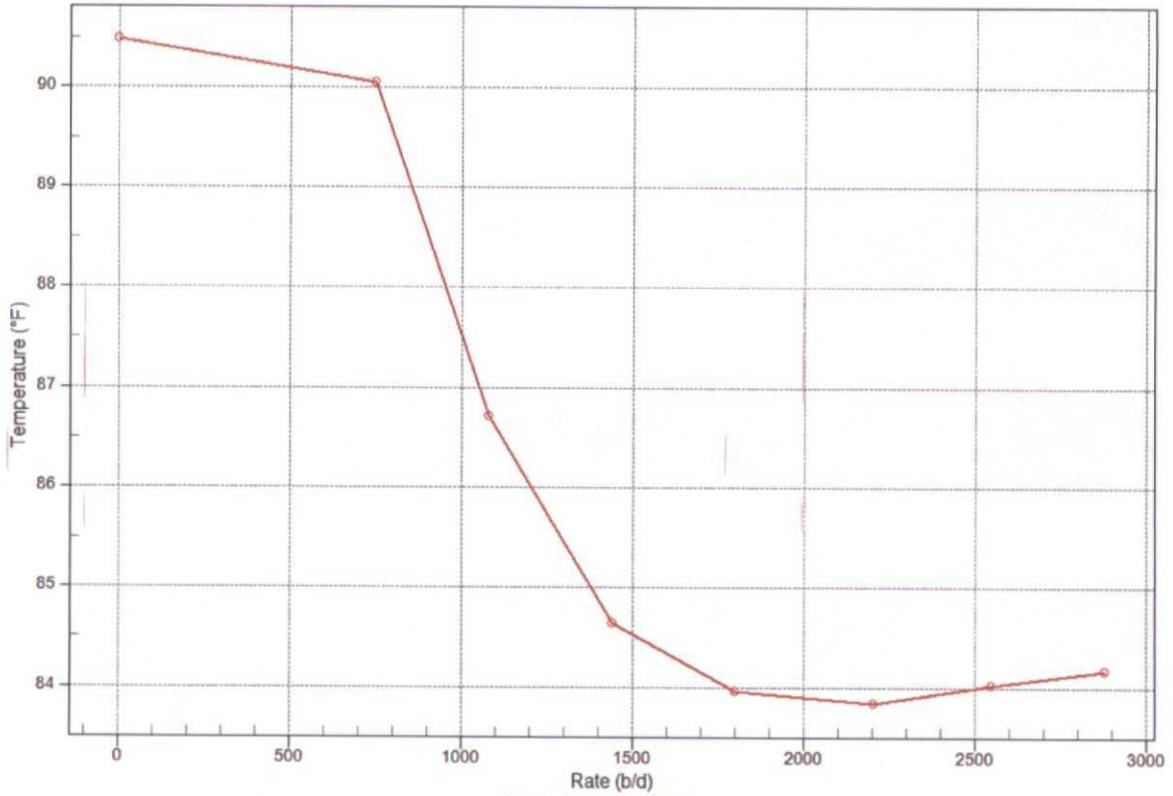
### CVU # 43



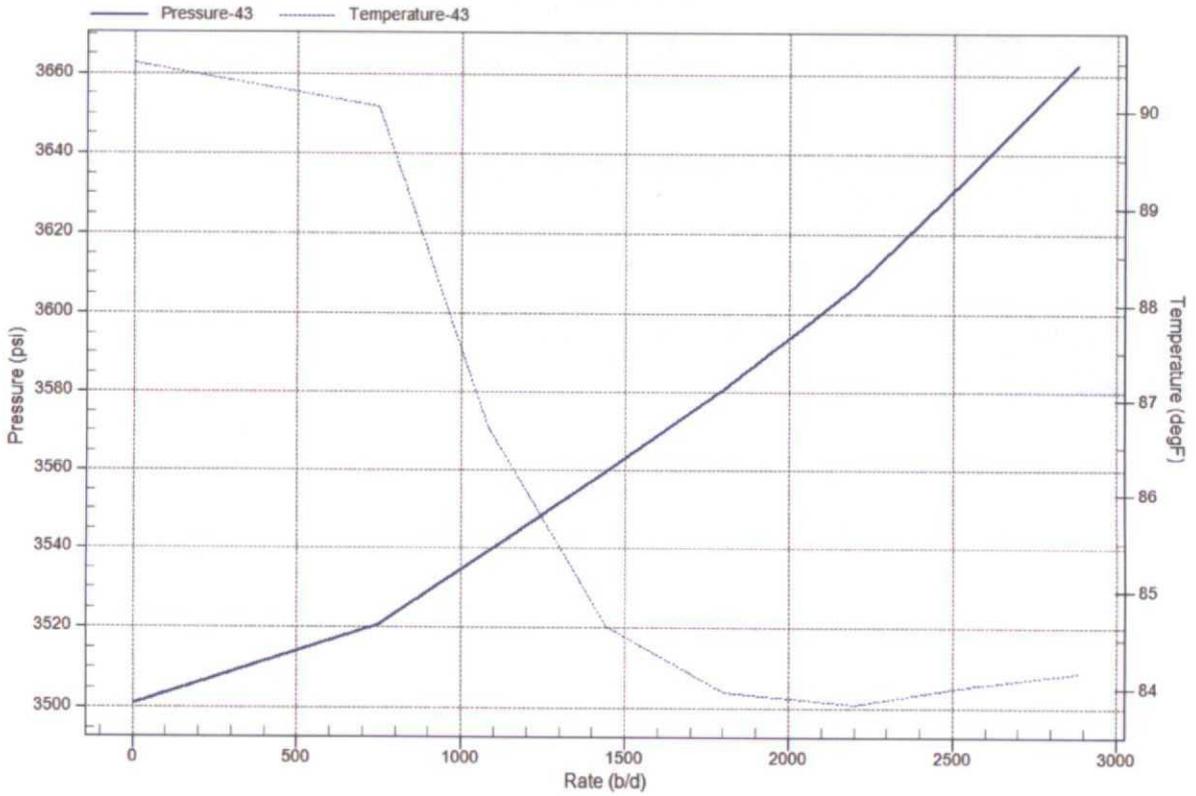
### Pressure vs. Rate



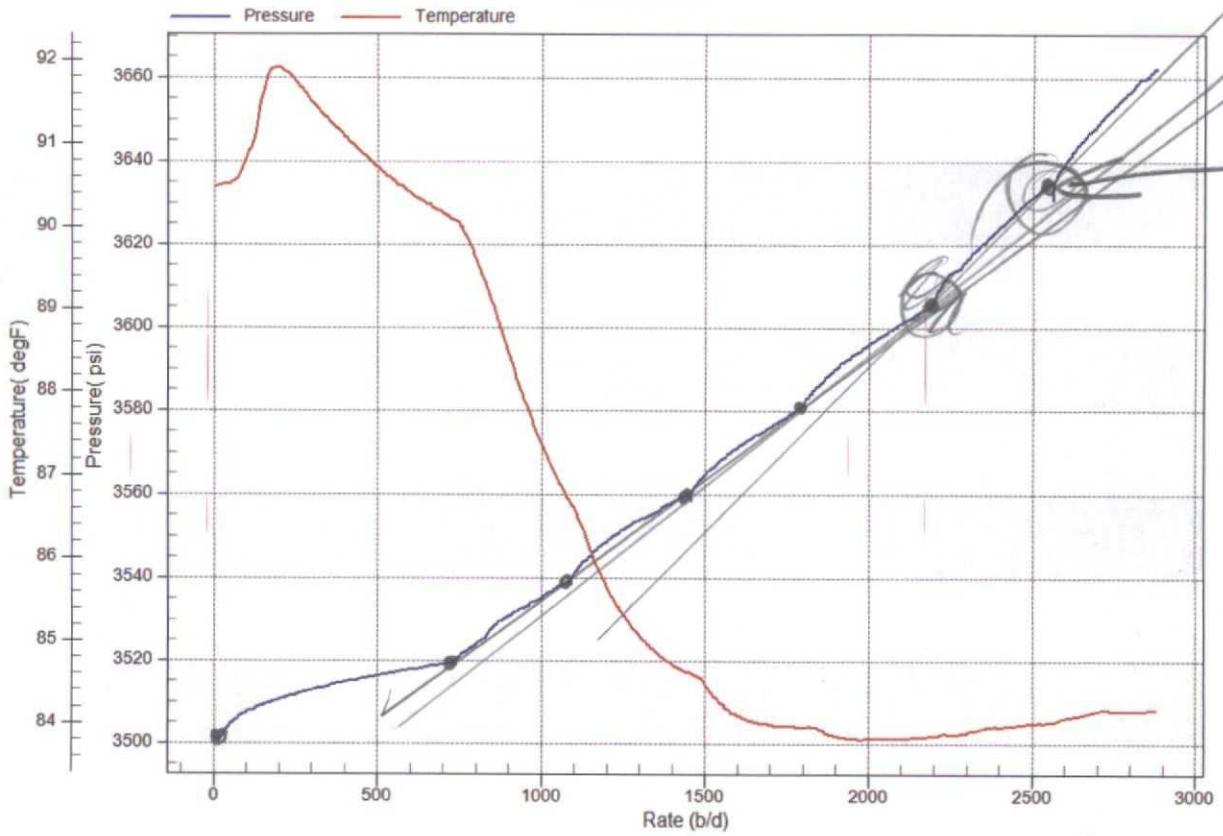
Temperature vs. Rate



Pres/Temp vs Rate



### Pressure Log



15 minutes  
355 BPD AVE

# Archer

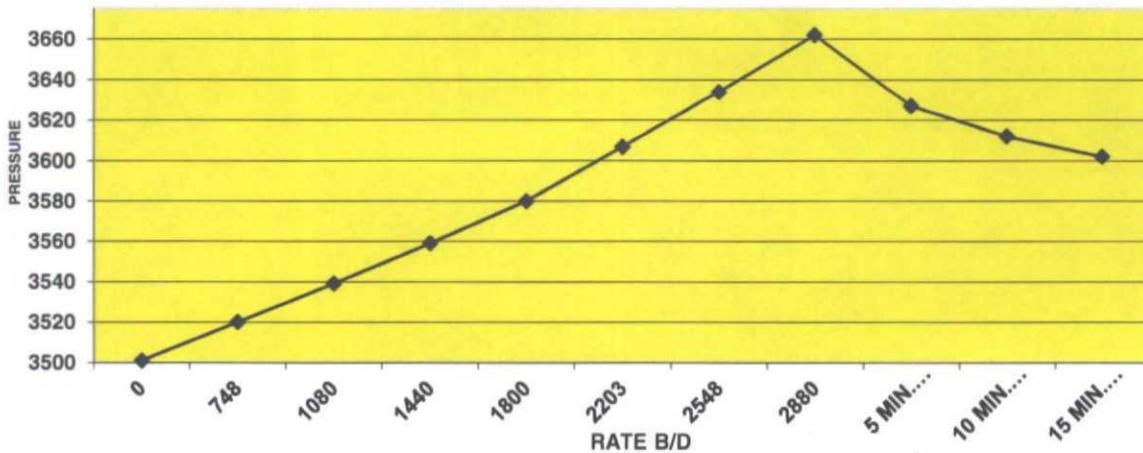
## STEP RATE TEST

748  
332  
360  
360  
403  
345  
332  
(355AVE)

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	8/20/2015	8:40 AM	3501	1475	
15	8/20/2015	8:55 AM	3520	1675	
15	8/20/2015	9:10 AM	3539	1775	
15	8/20/2015	9:25 AM	3559	1880	
15	8/20/2015	9:40 AM	3580	2020	
15	8/20/2015	9:55 AM	3607	2150	
15	8/20/2015	10:10 AM	3634	2350	0.54
15	8/20/2015	10:25 AM	3662	2550	
5 MIN. FALLOFF	8/20/2015	10:30 AM	3627	1750	
10 MIN. FALLOFF	8/20/2015	10:35 AM	3612	1725	
15 MIN. FALLOFF	8/20/2015	10:40 AM	3602	1700	

Company:	CHEVRON USA	Recorded By:	T. STANCZAK
Well:	CVU # 43	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		
Shut-In Time:	10:25 AM		
Open Hole:			
Perforations:	4367'-4712'		
Plug Back Depth:	N/A		

RATE VS. PRESSURE



X.6 = 2620