

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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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



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.

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

CVU # 070

2375/0.54

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 30-025-25726
1. Type of Well: Oil Well 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 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: E 2630 feet from NORTH line and 1310 feet from the WEST line Section 36 Township 17S Range 34E NMPM County LEA		8. Well Number 070
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: 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:		SUBSEQUENT REPORT OF: 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 # 70

August 21, 2015

JOB INFORMATION SHEET

Company Information	
Company Name:	CHEVRON
Address:	1500 LOUISIANA STREET HOUSTON, TX 77002
Well Information	
Well Name:	CENTRAL VACUUM UNIT # 70
Field - Pool:	VACUUM
Status:	SHUT-IN
Test Information	
Type of Test:	STEP-RATE TEST
Gauge Depth:	4310'
Production Interval:	4380'-4710'
Production Through:	TUBING
Tubing Pressure:	2550 psi
Casing Pressure:	0 psi
Shut In Time	10:15 AM
Status:	SHUT-IN
Temperature @ Run Depth	92.72 degF
Surface Temperature:	87.96 degF
Comments	
NO FRAC WAS ACHIEVED	

ARCHER WIRELINE

CHEVRON

WELL INFORMATION SHEET

Well:	CENTRAL VACUUM UNIT # 70		
Well License:		Unique Well Identifier:	30-025-25726
Company:	CHEVRON		
Field:	VACUUM		

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

Total Depth:	4310'	ID Borehole:	N/A
Packer Depth:	4250'	ID Production Casing:	3"
Depth of whipstock:	N/A	OD Production Tubing:	2.0625"
Depth at which casing is landed:	4800'	ID Production Tubing:	1.6"
Depth at which tubing is landed:	4250'	ID Drill Pipe:	N/A

ARCHER WIRELINE

Gradient Data Report

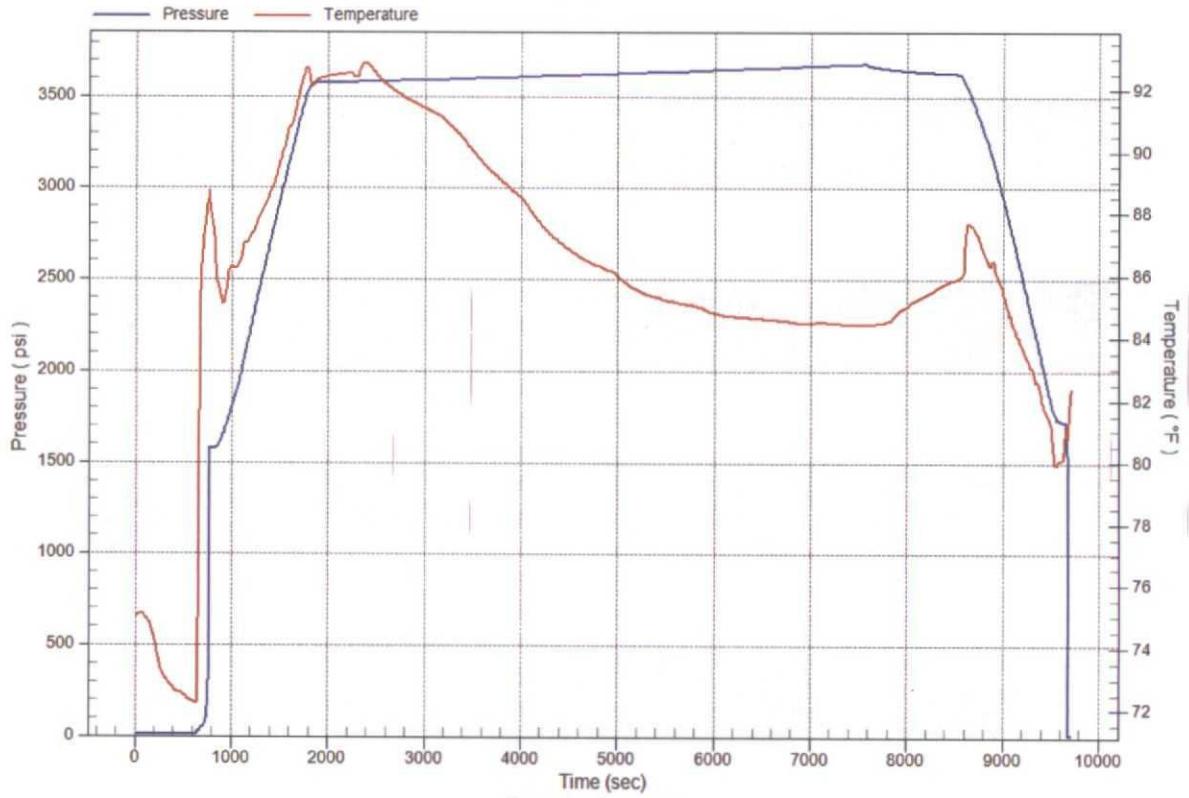
CHEVRON
CENTRAL VACUUM UNIT # 70

Gradient Data Table

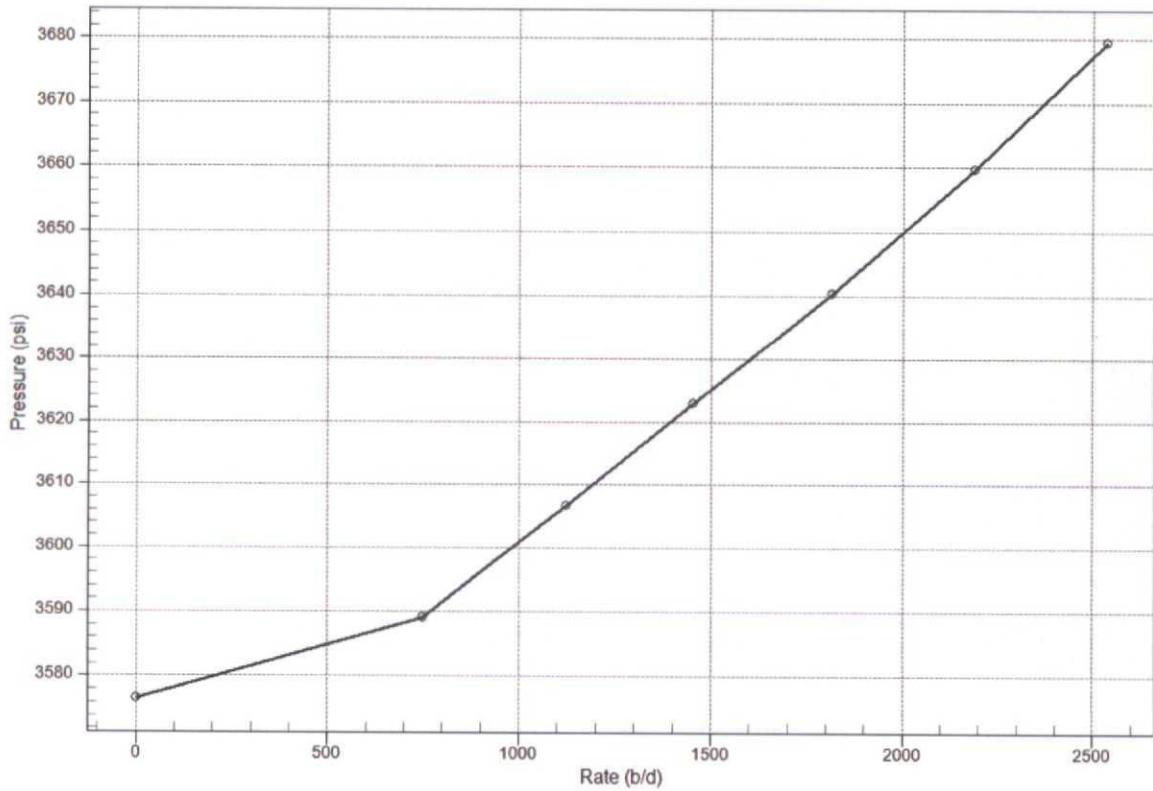
Rate b/d	Pressure psi	Temperature degF	Gradient psi/rate
0.00	3576.54	92.54	0.0000
748.00	3589.15	91.29	0.0169
1123.00	3606.70	88.60	0.0468
1454.00	3622.87	86.20	0.0488
1814.00	3640.30	85.03	0.0484
2188.00	3659.59	84.56	0.0516
2534.00	3679.49	84.43	0.0575

ARCHER WIRELINE

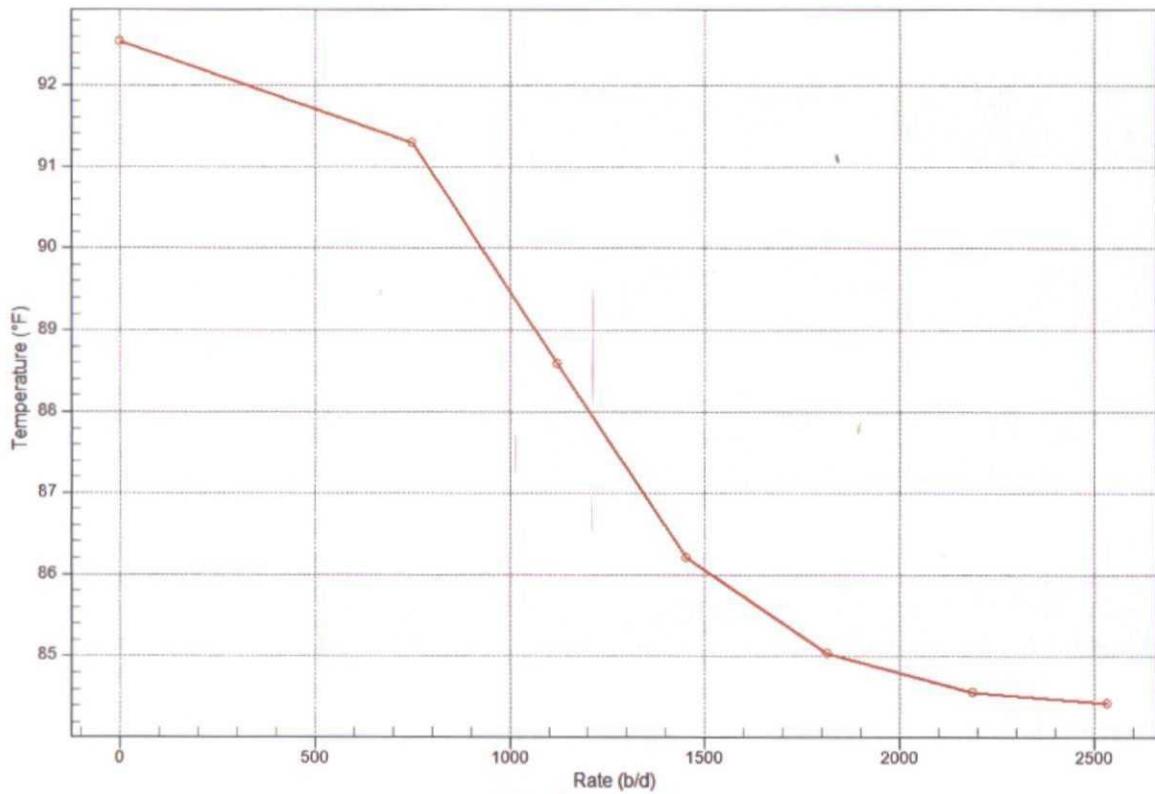
CVU # 70



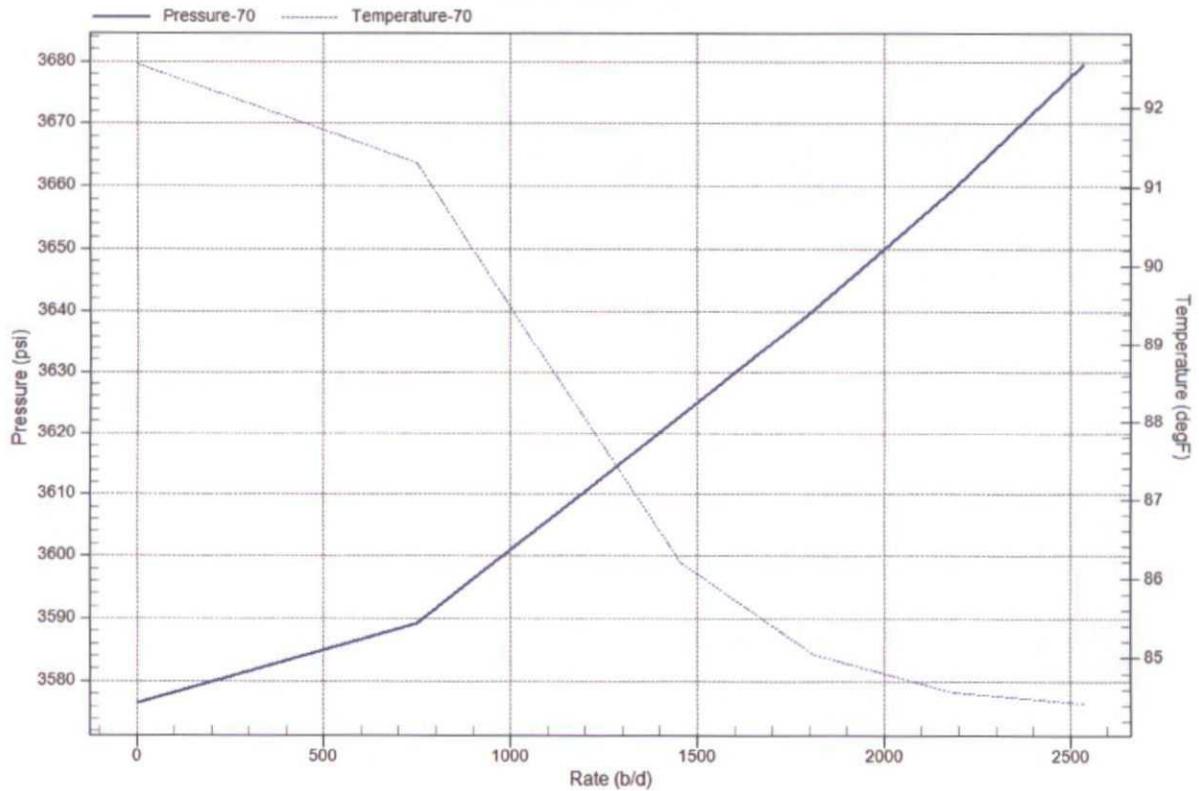
Pressure vs. Rate



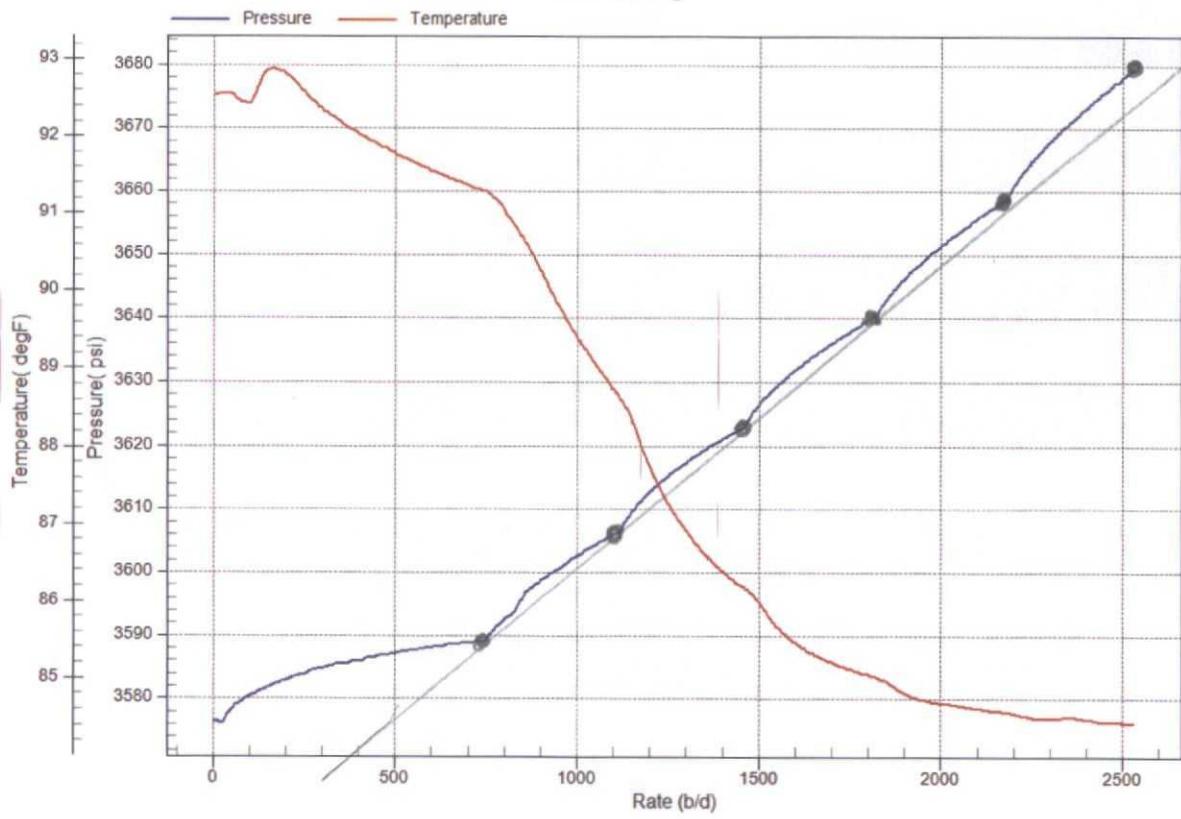
Temperature vs. Rate



Pres/Temp vs Rate



Pressure Log



Archer

STEP RATE TEST

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	8/21/2015	8:45 AM	3576	1550	
748	8/21/2015	9:00 AM	3589	1775	
1123	8/21/2015	9:15 AM	3606	1900	
1454	8/21/2015	9:30 AM	3622	2050	
1814	8/21/2015	9:45 AM	3640	2200	
2188	8/21/2015	10:00 AM	3659	2375	
2534	8/21/2015	10:15 AM	3679	2550	
5 MIN. FALLOFF	8/21/2015	10:20 AM	3647	1775	
10 MIN. FALLOFF	8/21/2015	10:25 AM	3635	1750	
15 MIN. FALLOFF	8/21/2015	10:30 AM	3626	1725	
Company:	CHEVRON USA			Recorded By:	T. STANCZAK
Well:	CVU # 70			Witnessed By:	
Field:	VACUUM			Truck Number:	104
County:	LEA			District:	LEVELLAND
State:	NM			Tool Number:	
Injector:	WATER			Test Type:	STEP RATE TESTS
Tubing Size:	2.0625"			NO FRAC WAS ACHIEVED	
Seat Nipple Depth:	N/A				
Shut-In Time:	10:15 AM				
Open Hole:					
Perforations:	4380'-4710'				
Plug Back Depth:	N/A				

RATE VS. PRESSURE

