

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 _____

- IPI
 240400, USA
 Inc
 4323

2015 AUG 21 10:31 AM
 RECEIVED
 COMMINGLING
 158
 WFX-4323
 4/14/08
 1875

- [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

- Central vac 444
 Unit #458
 30-025-3864
 POOL
 - vac 444
 Grayburg, SAN
 Andres
 62180

[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.

DANIEL PINKERTON DANIEL PINKERTON Regulatory Specialist 08/21/15
 Print or Type Name Signature Title Date
hsa.keido@chevron.com
 e-mail Address

CU 458

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 30-025-38640
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 458
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM; GRAYBURG SAN ANDRES
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 U.S.A. INC.

3. Address of Operator
15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location
 Unit Letter: A 1153 feet from NORTH line and 848 feet from the EAST line
 Section 36 Township 17S Range 34E NMPM County LEA

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: _____		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.

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. THIS IS FOR WATER ONLY.

EXPECTED RATE, BWPD - 1700
 EXPECTED PRESSURE, PSI - 2400

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  TITLE REGULATORY SPECIALIST DATE 08/21/2015
 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 # 458

August 14, 2015

JOB INFORMATION SHEET

Company Information	
Company Name:	CHEVRON
Address:	1500 LOUISIANA STREET HOUSTON, TX 77002
Well Information	
Well Name:	CENTRAL VACUUM UNIT # 458
Field - Pool:	VACUUM
Status:	SHUT-IN
Test Information	
Type of Test:	STEP-RATE TEST
Gauge Depth:	4350'
Production Interval:	4369'-4781'
Production Through:	TUBING
Tubing Pressure:	2625 psi
Casing Pressure:	0 psi
Shut In Time	10:10 AM
Status:	SHUT-IN
Temperature @ Run Depth	93.38 degF
Surface Temperature:	90.92 degF
Comments	
SOFT FRAC @ 1814 B/D 4050 BOTTOM HOLE PRESSURE 2450 SURFACE PRESSURE	

ARCHER WIRELINE

CHEVRON

WELL INFORMATION SHEET

Well:	CENTRAL VACUUM UNIT # 458		
Well License:		Unique Well Identifier:	30-025-38640
Company:	CHEVRON		
Field:	VACUUM		

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

Total Depth:	4350'	ID Borehole:	N/A
Packer Depth:	4320'	ID Production Casing:	5"
Depth of whipstock:	N/A	OD Production Tubing:	2.375"
Depth at which casing is landed:	5035'	ID Production Tubing:	2"
Depth at which tubing is landed:	4320'	ID Drill Pipe:	N/A

ARCHER WIRELINE

Gradient Data Report

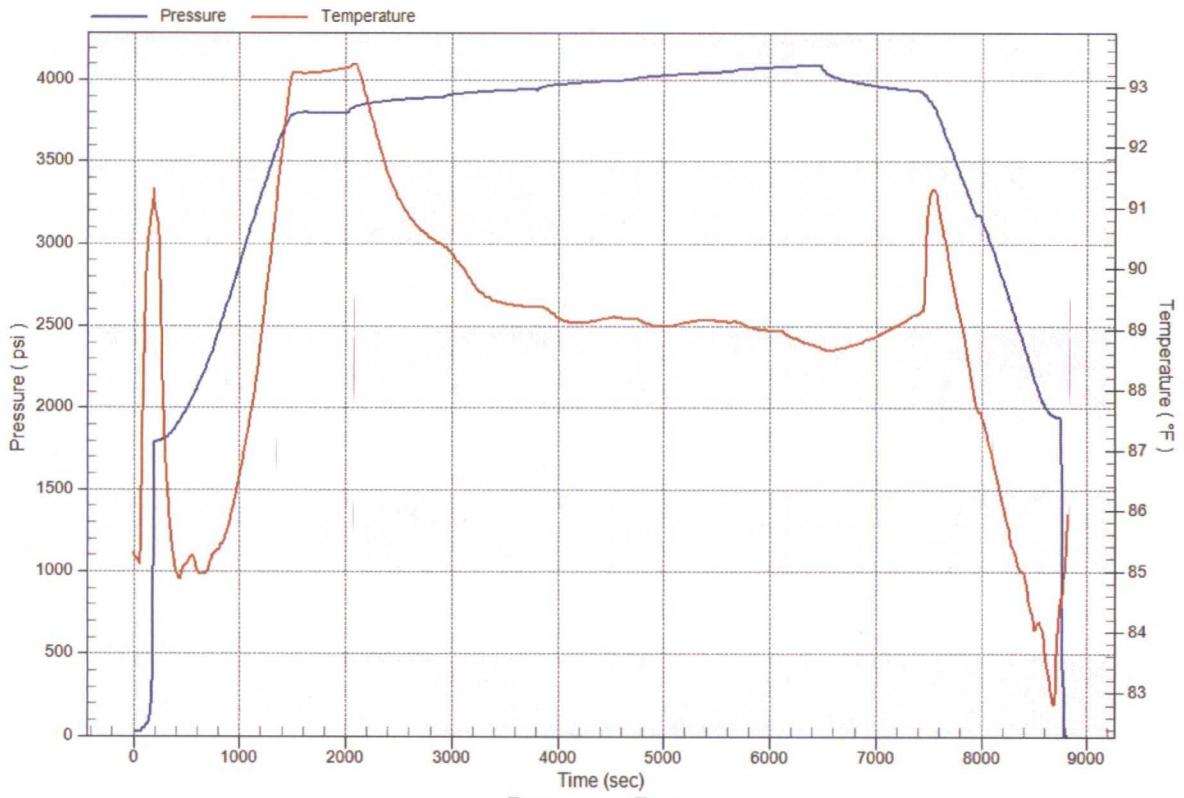
CHEVRON
CENTRAL VACUUM UNIT # 458

Gradient Data Table

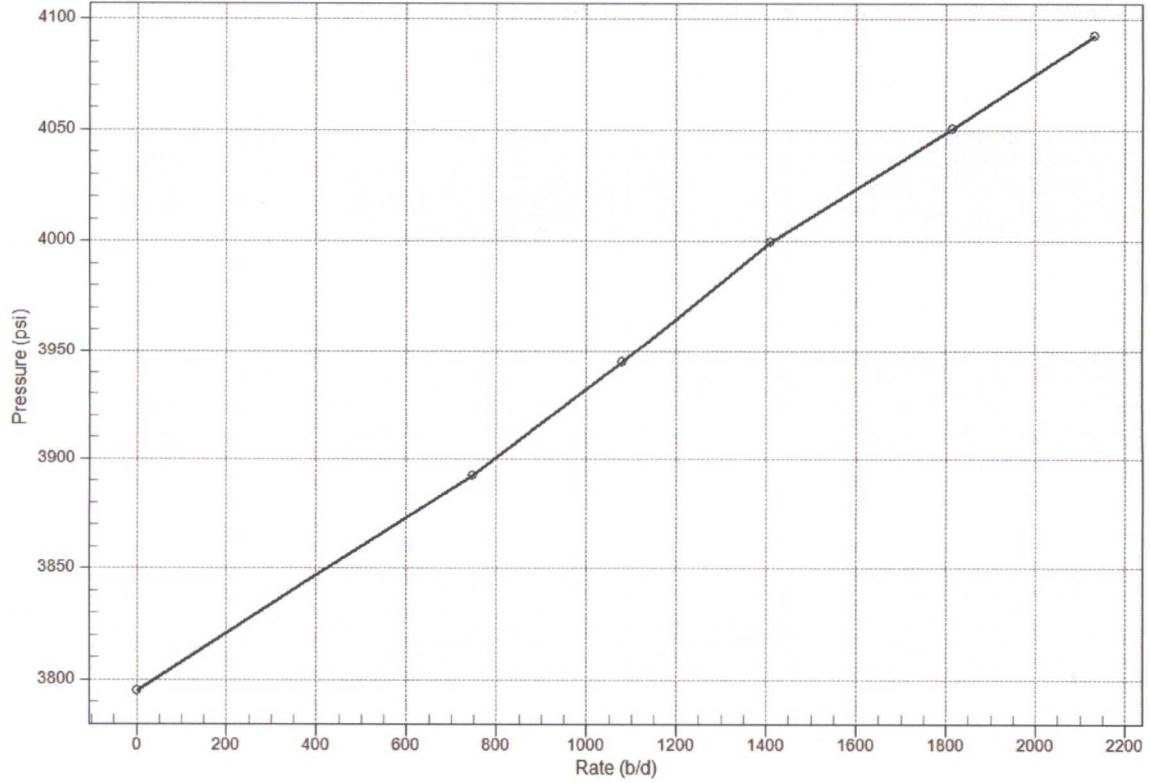
Rate b/d	Pressure psi	Temperature degF	Gradient psi/rate
0.00	3795.02	93.30	0.0000
748.00	3892.48	90.40	0.1303
1080.00	3944.62	89.37	0.1570
1411.00	3999.56	89.17	0.1660
1814.00	4050.33	89.13	0.1260
2131.00	4092.57	88.70	0.1332

ARCHER WIRELINE

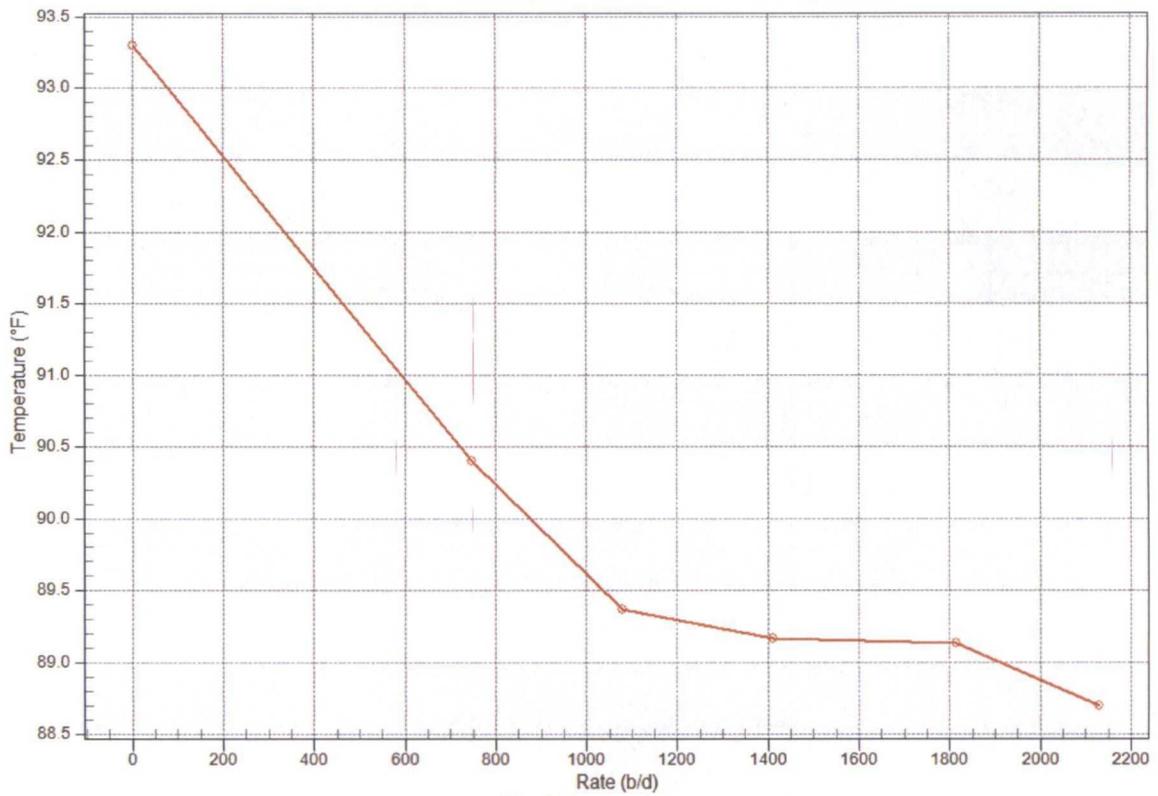
CVU # 458



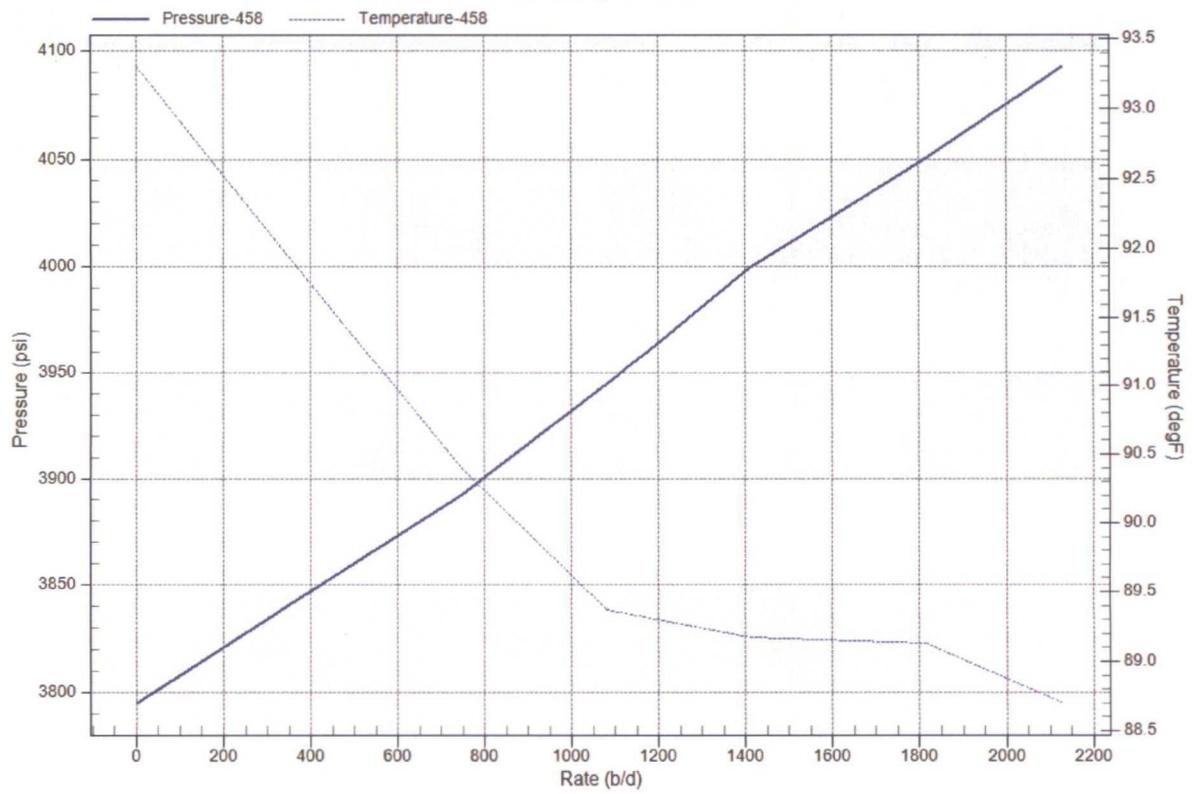
Pressure vs. Rate



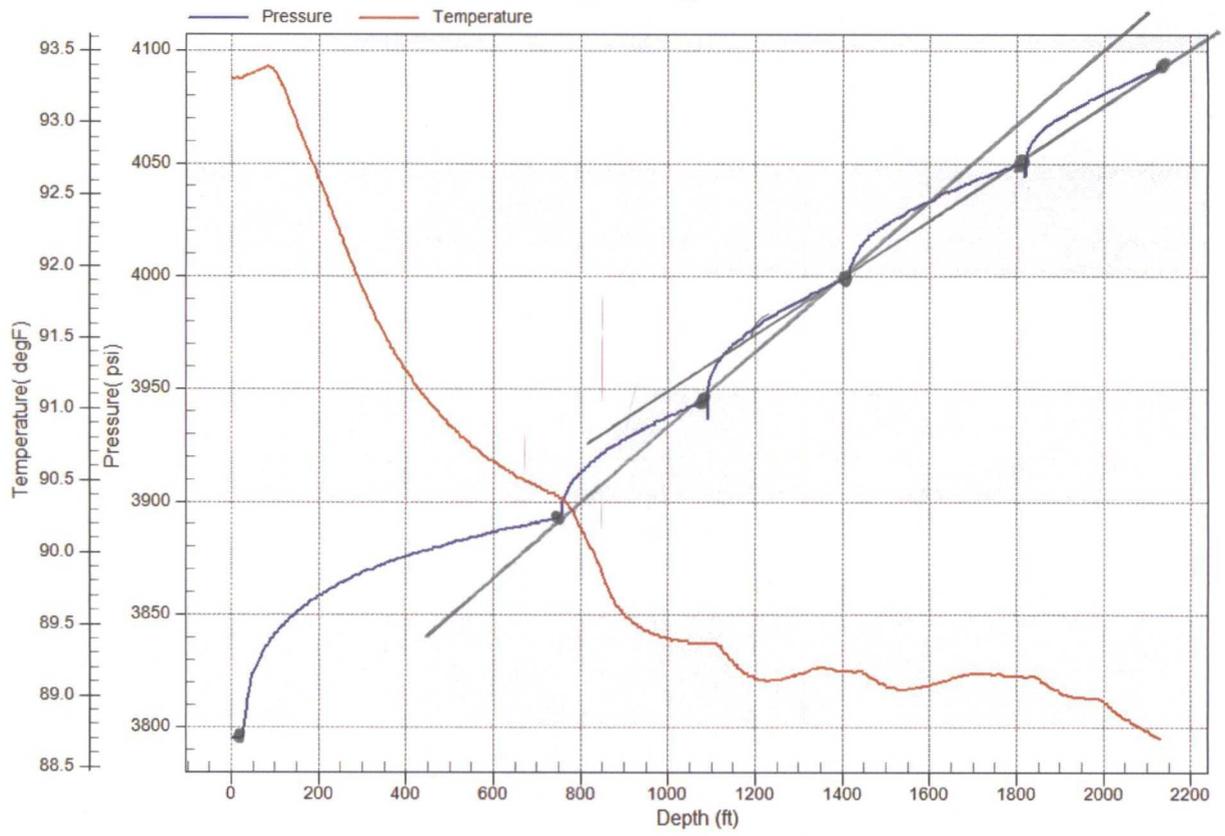
Temperature vs. Rate



Pres/Temp vs Rate



Pressure Log



Archer

STEP RATE TEST

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	8/14/2015	8:55 AM	3795	1775	
748	8/14/2015	9:10 AM	3892	2025	
1080	8/14/2015	9:25 AM	3944	2150	
1411	8/14/2015	9:40 AM	3999	2275	
1814	8/14/2015	9:55 AM	4050	2450	SOFT FRAC
2131	8/14/2015	10:10 AM	4092	2625	
5 MIN. FALLOFF	8/14/2015	10:15 AM	3986	2075	
10 MIN. FALLOFF	8/14/2015	10:20 AM	3953	2040	
15 MIN. FALLOFF	8/14/2015	10:25 AM	3932	2010	

2200

Company:	CHEVRON USA	Recorded By:	T. STANCZAK
Well:	CVU # 458	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 @ 1814 B/M	
Seat Nipple Depth:	N/A	4050 BOTTOM HOLE PRESSURE	
Shut-In Time:	10:10 AM	2450 SURFACE PRESSURE	
Open Hole:			
Perforations:	4369'-4781'		
Plug Back Depth	N/A		

