

8/24/2015 DATE IN	SUSPENSE	ENGINEER MAM	8/24/2015 LOGGED IN	TYPE FPI 498	APP NO. Dynamis 23655152
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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.

Print or Type Name: Danise Pinkerton Signature: Danise Pinkerton Title: Regulatory Specialist Date: 08/21/15
 e-mail Address: Leakejdo@chevron.com

CUU 259 Lwr

2100

FPI
 Chevron USA Inc
 4323
 - well
 - Central Uacum
 Unit # 259
 Pool 30-025-40464
 - Uacum Grayburg
 San Andres
 62180
 2015 AUG 24 RECEIVED
 259
 WFX-9019/6/12
 1500w

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 30-025-40464
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: C 1019 feet from NORTH line and 1514 feet from the WEST line Section 31 Township 17S Range 35E NMPM County LEA		8. Well Number 259
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 ☐ 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 LOWER STRING

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.

*****LOWER STRING

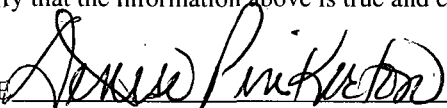
EXPECTED RATE, BWPD - 1350
EXPECTED PRESSURE, PSI - 2100

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
For State Use Only

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

CHEVRON

CENTRAL VACUUM UNIT # 259
LOWER ROZ PERFS

August 19, 2015

JOB INFORMATION SHEET

Company Information	
Company Name:	CHEVRON
Address:	1500 LOUISIANA STREET HOUSTON, TX 77002
Well Information	
Well Name:	CENTRAL VACUUM UNIT # 259 LOWER ROZ PERFS
Field – Pool:	VACUUM
Status:	SHUT-IN
Test Information	
Type of Test:	STEP-RATE TEST
Gauge Depth:	4935'
Production Interval:	4922'-5024'
Production Through:	TUBING
Tubing Pressure:	2450 psi
Casing Pressure:	0 psi
Shut In Time	10:30 AM
Status:	SHUT-IN
Temperature @ Run Depth	96.53 degF
Surface Temperature:	87.58 degF
Comments	
FRAC @ 1454 B/D 4077 BOTTOM HOLE PRESSURE 2175 SURFACE PRESSURE	

ARCHER WIRELINE

CHEVRON

WELL INFORMATION SHEET

Well:	CENTRAL VACUUM UNIT # 259 LOWER ROZ PERFS		
Well License:		Unique Well Identifier:	30-025-40464
Company:	CHEVRON		
Field	VACUUM		

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

Total Depth:	4935'	ID Borehole:	N/A
Packer Depth:	4890'	ID Production Casing:	6.3
Depth of whipstock:	N/A	OD Production Tubing:	2.375"
Depth at which casing is landed:	5128'	ID Production Tubing:	2"
Depth at which tubing is landed:	4890'	ID Drill Pipe:	N/A

ARCHER WIRELINE

Gradient Data Report

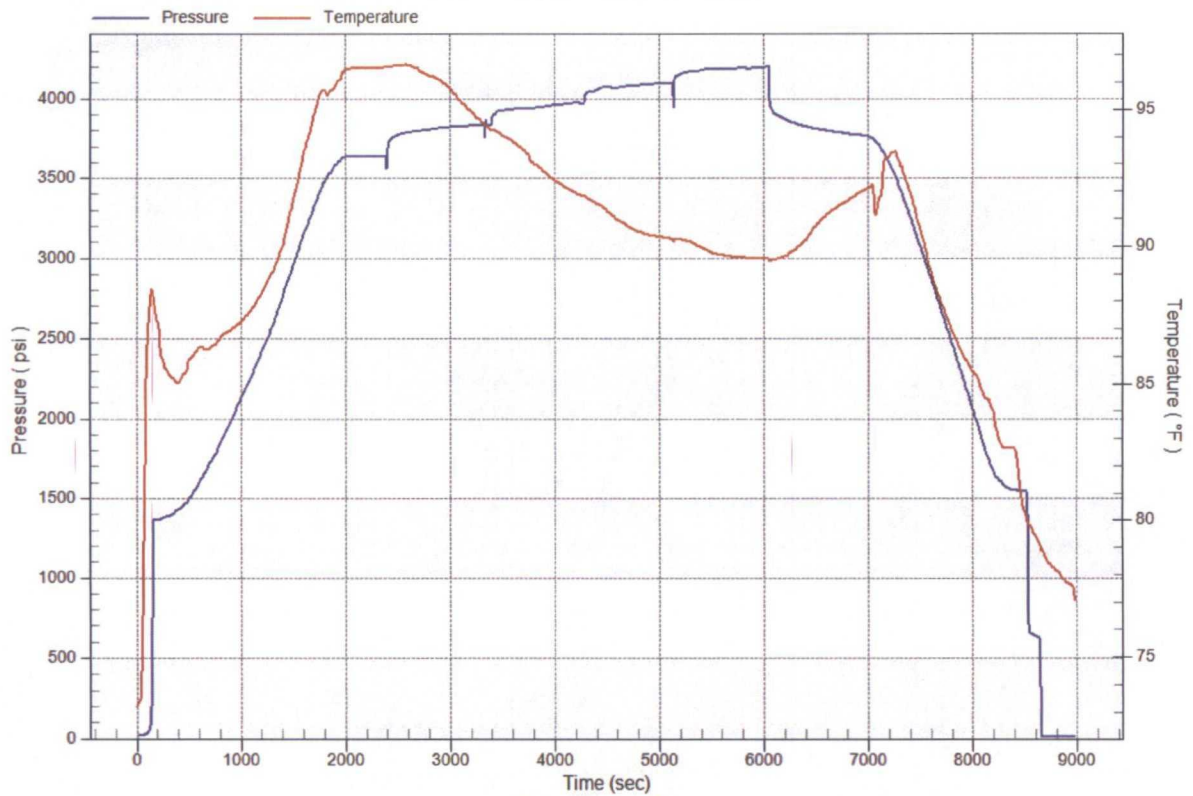
CHEVRON
CENTRAL VACUUM UNIT # 259 LOWER ROZ PERFS

Gradient Data Table

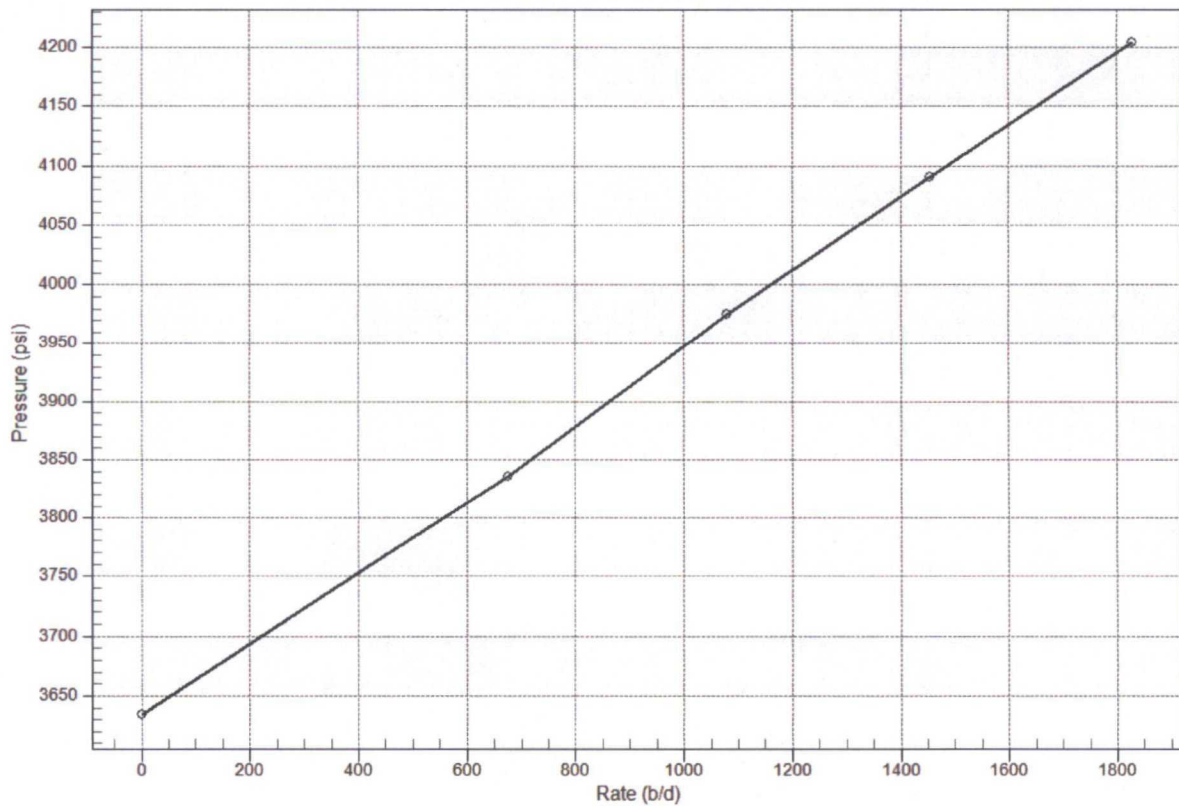
Rate b/d	Pressure psi	Temperature degF	Gradient psi/rate
0.00	3634.36	96.56	0.0000
676.00	3835.92	94.49	0.2982
1080.00	3975.48	91.80	0.3454
1454.00	4090.71	90.27	0.3081
1828.00	4204.39	89.56	0.3040

ARCHER WIRELINE

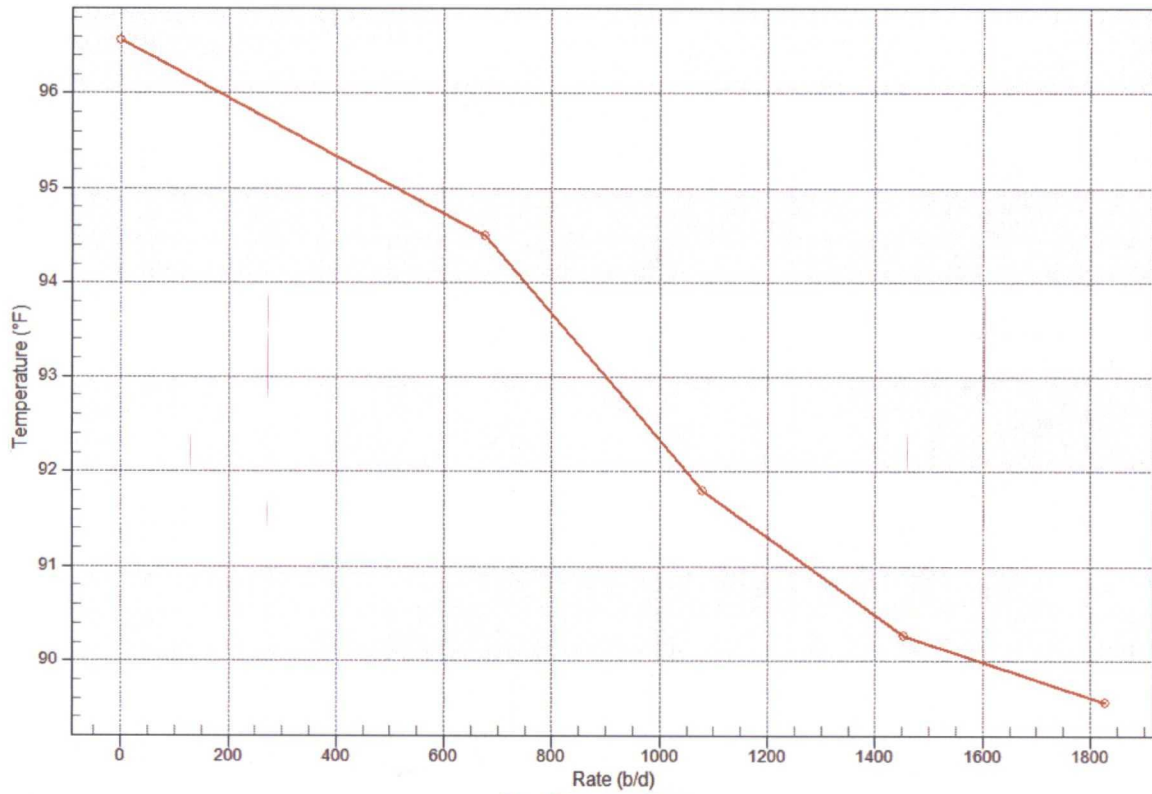
CVU # 259 LOWER ROZ PERFS



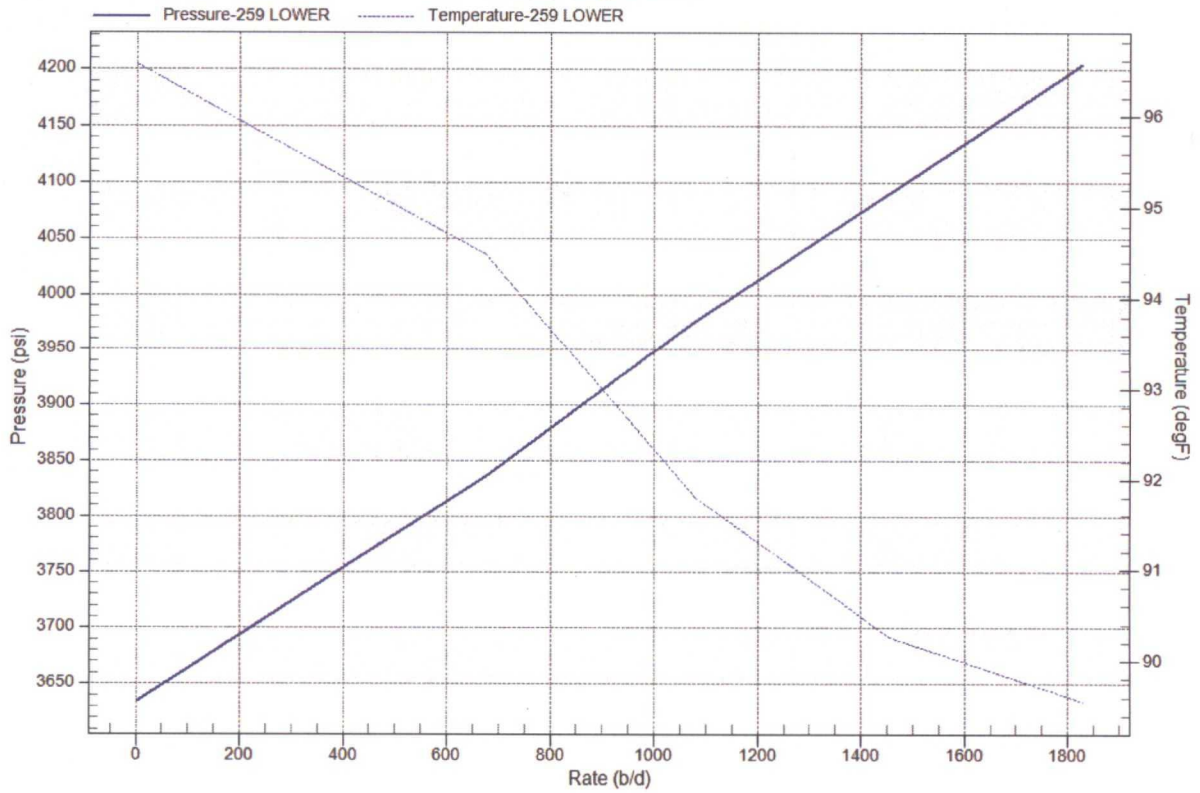
Pressure vs. Rate



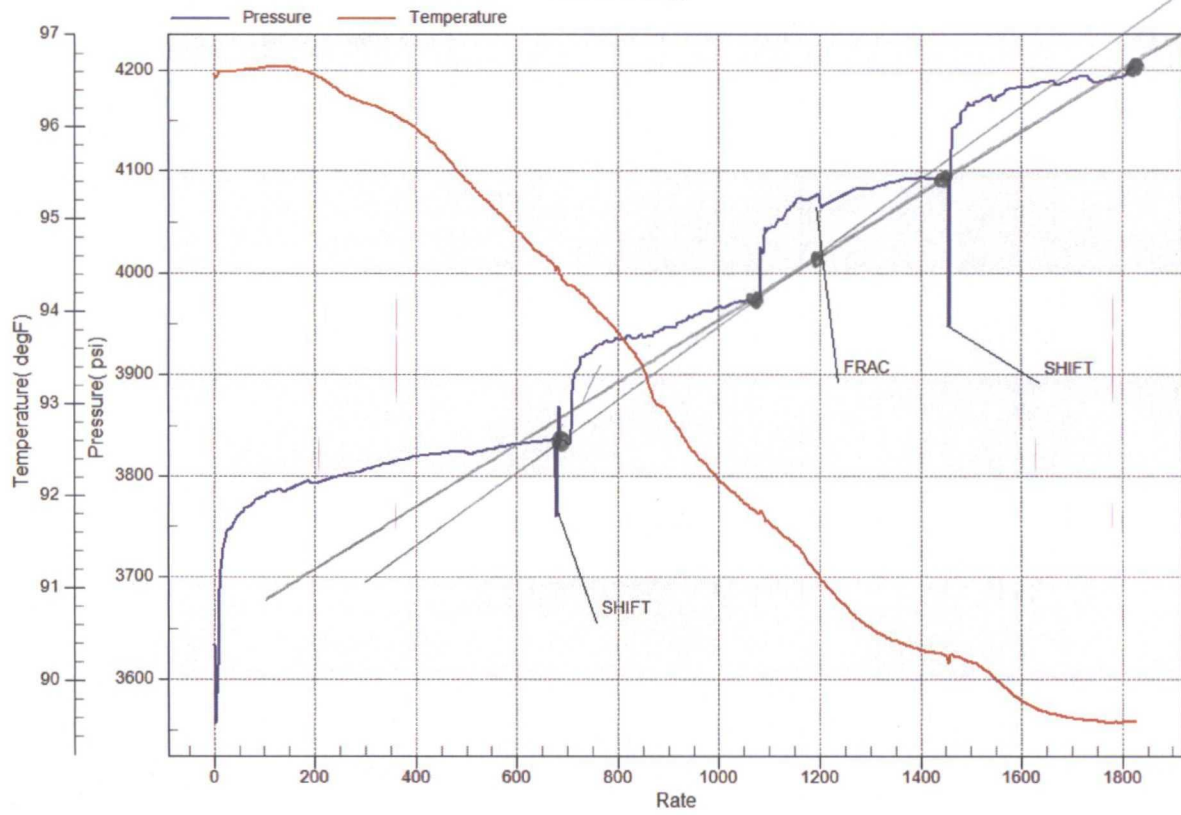
Temperature vs. Rate



Pres/Temp vs Rate



Pressure Log



Archer

STEP RATE TEST

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	8/19/2015	9:30 AM	3634	1360	
676	8/19/2015	9:45 AM	3835	1710	
1080	8/19/2015	10:00 AM	3975	1975	
1454	8/19/2015	10:15 AM	4090	2200	FRAC
1828	8/19/2015	10:30 AM	4204	2450	
5 MIN. FALLOFF	8/19/2015	10:35 AM	3829	1730	
10 MIN. FALLOFF	8/19/2015	10:40 AM	3795	1700	
15 MIN. FALLOFF	8/19/2015	10:45 AM	3763	1675	

2100

Company:	CHEVRON USA	Recorded By:	T. STANCZAK
Well:	CVU # 259 LOWER ROZ PERFS	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"	FRAC @ 1454 B/D 4077 BOTTOM HOLE PRESSURE 2175 SURFACE PRESSURE	
Seat Nipple Depth:	N/A		
Shut-In Time:	10:30 AM		
Open Hole:			
Perforations:	4922'-5024'		
Plug Back Depth	N/A		

RATE VS. PRESSURE

