

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  
 - Chevron USA, Inc  
 4323  
 Well  
 - Vacuum Gravity San Andres  
 - 30-025-24330  
 PD4  
 - Vacuum Gravity San Andres  
 62180*

[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

2015 AUG 24 P 3:15  
 RECEIVED OGD

[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.

*Dennis Pinkerton*  
 Print or Type Name                      Signature                      Title                      Date  
 Regulatory Specialist 08/21/15  
 e-mail Address                      *Leatida@Chevron.com*

*✓ DSAU 32 R-4442-B  
 1730/1850  
 2200*

*2200*

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

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

WELL API NO 30-025-24330
5. Indicate Type of Lease. STATE [X] FEE [ ]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name VACUUM GRAYBURG S/A UNIT
8. Well Number 32
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: L 2630 feet from SOUTH line and 30 feet from the WEST line
Section 1 Township 18S Range 34E NMPM County LEA

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.

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 - 2400
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 [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**

**VACUUM GRAYBURG SAN ANDRES UNIT # 32**

August 13, 2015

# JOB INFORMATION SHEET

Company Information	
Company Name:	CHEVRON
Address:	1500 LOUISIANA STREET HOUSTON, TX 77002
Well Information	
Well Name:	VACUUM GRAYBURG SAN ANDRES UNIT # 32
Field - Pool:	VACUUM
Status:	SHUT-IN
Test Information	
Type of Test:	STEP-RATE TEST
Gauge Depth:	4300'
Production Interval:	4333'-4781'
Production Through:	TUBING
Tubing Pressure:	2600 psi
Casing Pressure:	0 psi
Shut In Time	2:30 PM
Status:	SHUT-IN
Temperature @ Run Depth	92.86 degF
Surface Temperature:	95.11 degF
Comments	
SOFT FRAC @ 2131 B/D 3819 BOTTOM HOLE PRESSURE 2400 SURFACE PRESSURE	

ARCHER WIRELINE

CHEVRON

## WELL INFORMATION SHEET

Well:	VACUUM GRAYBURG SAN ANDRES UNIT # 32		
Well License:		Unique Well Identifier:	32-025-24330
Company:	CHEVRON		
Field:	VACUUM		

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

Total Depth:	4300'	ID Borehole:	N/A
Packer Depth:	4254'	ID Production Casing:	5"
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:	4254'	ID Drill Pipe:	N/A

ARCHER WIRELINE

## Gradient Data Report

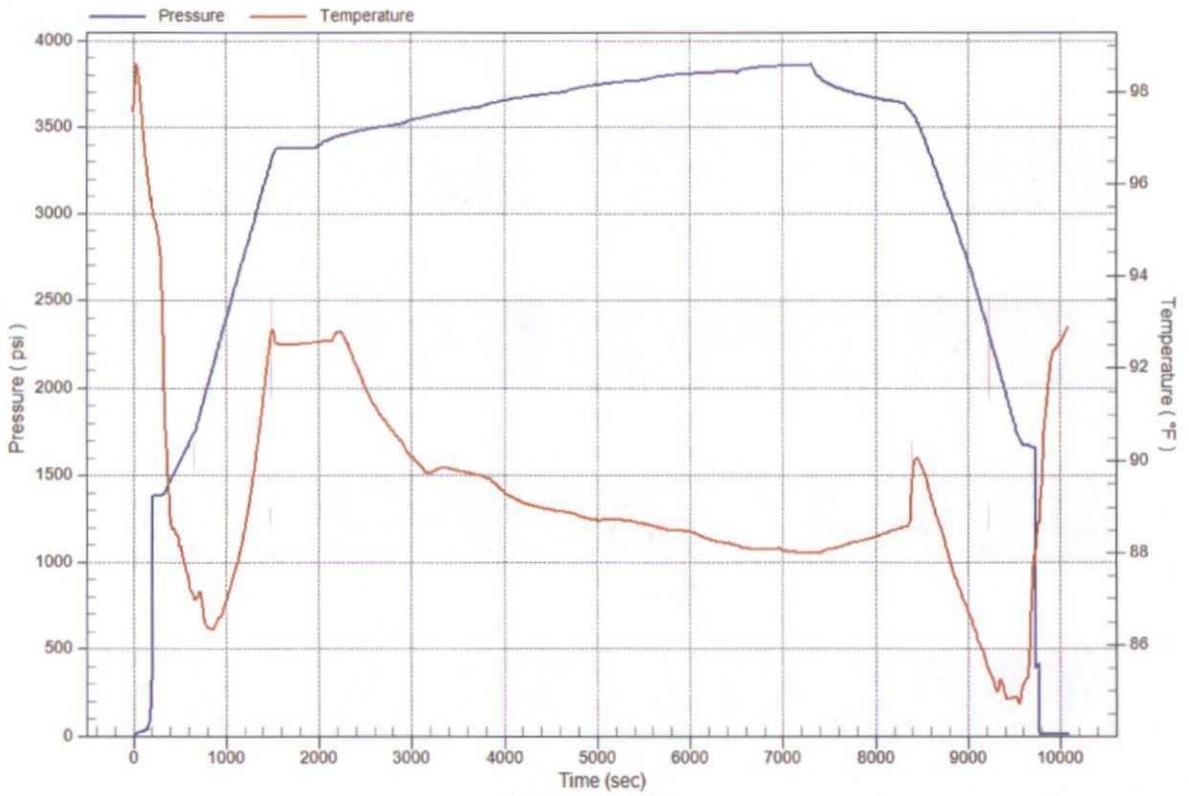
CHEVRON  
VACUUM GRAYBURG SAN ANDRES UNIT # 32

### Gradient Data Table

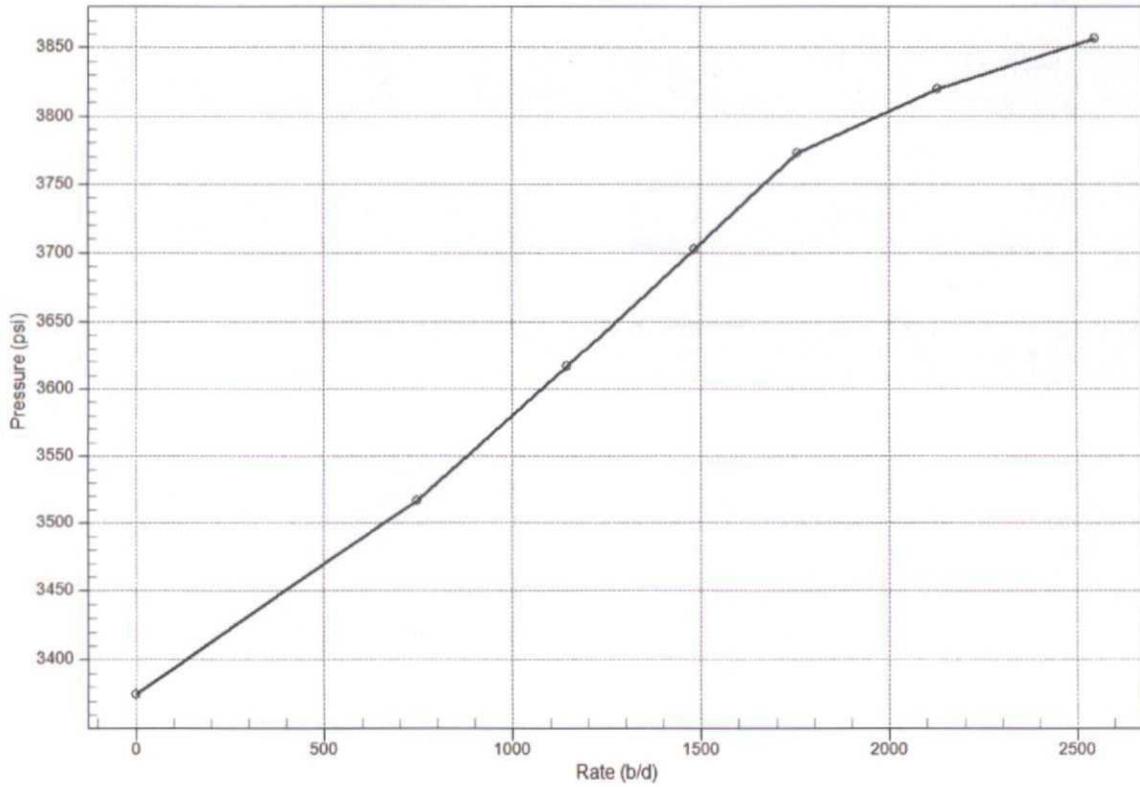
Rate b/d	Pressure psi	Temperature degF	Gradient psi/rate
0.00	3375.05	92.54	0.0000
748.00	3516.57	90.52	0.1892
1144.00	3616.91	89.69	0.2534
1483.00	3702.89	88.89	0.2536
1756.00	3772.49	88.63	0.2549
2131.00	3819.46	88.18	0.1253
2548.00	3856.53	88.01	0.0889

ARCHER WIRELINE

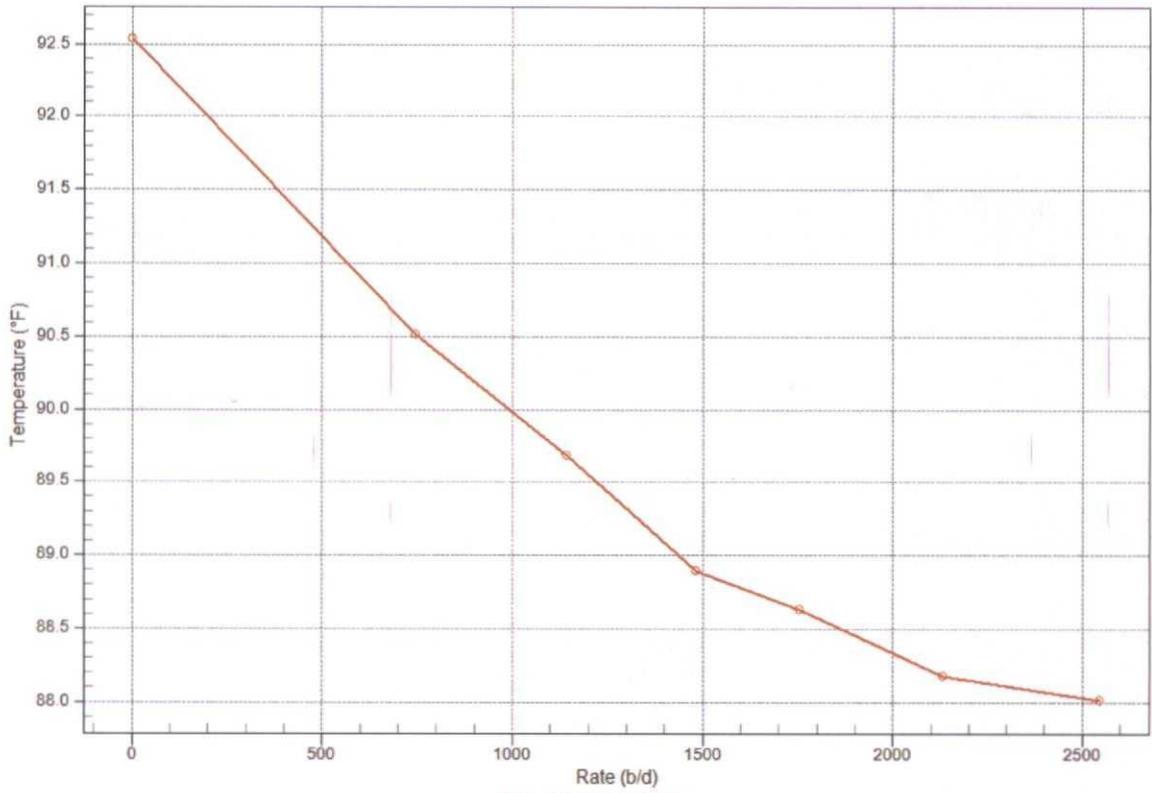
### VGSAU # 32



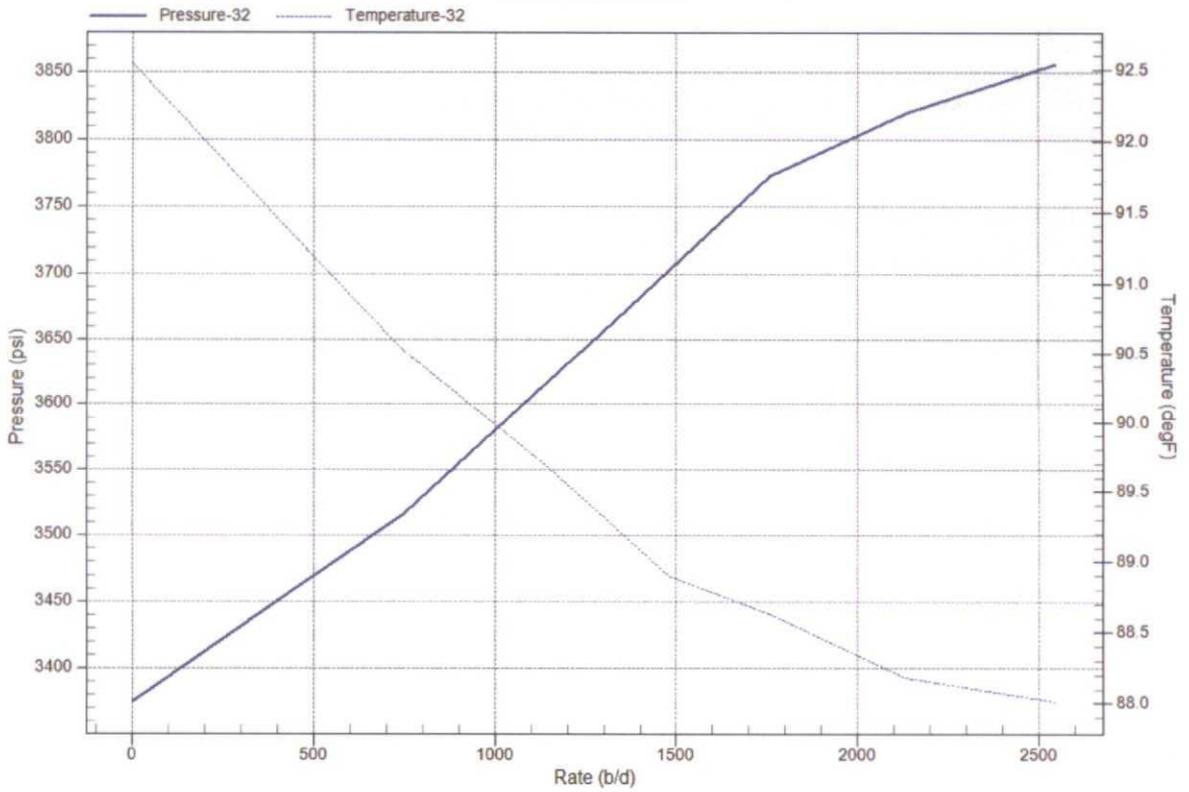
Pressure vs. Rate



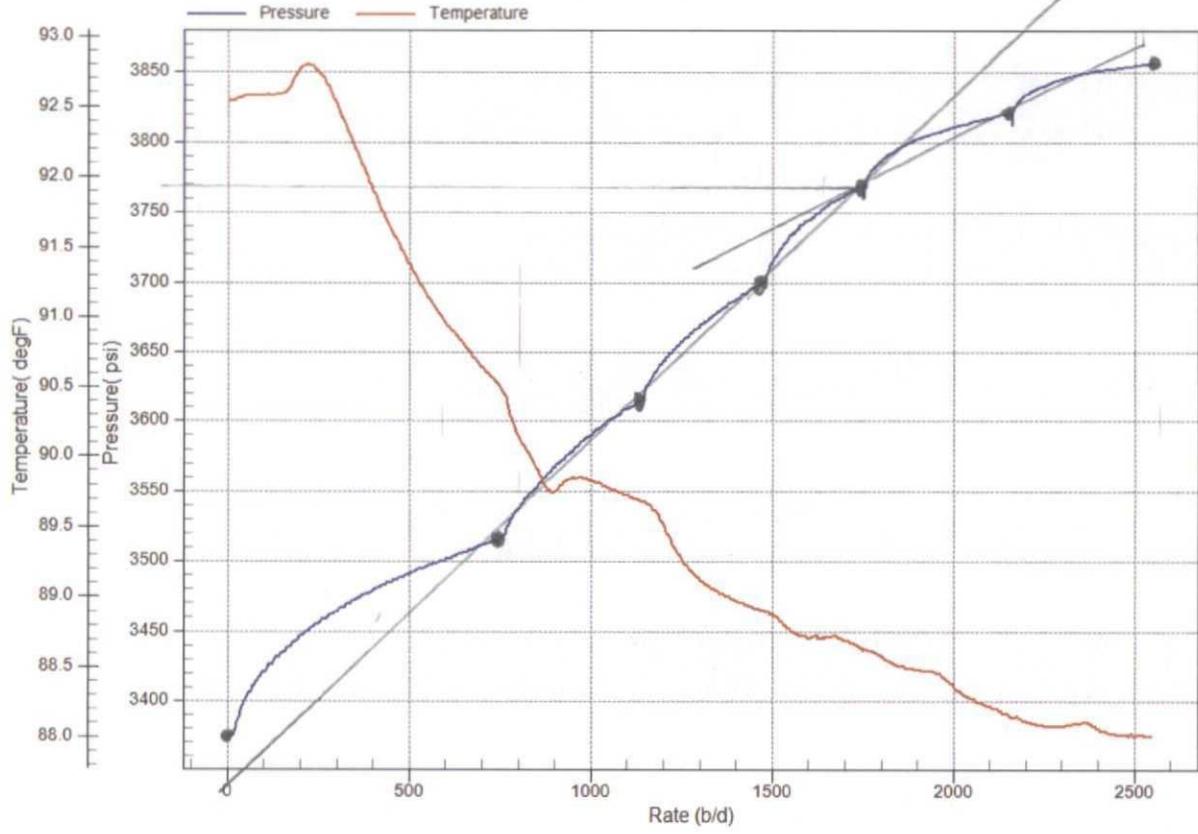
Temperature vs. Rate



Pres/Temp vs Rate



### Pressure Log



# Archer

## STEP RATE TEST

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	8/13/2015	1:00 PM	3375	1375	
748	8/13/2015	1:15 PM	3516	1710	
1144	8/13/2015	1:30 PM	3616	1890	
1483	8/13/2015	1:45 PM	3702	2075	
1756	8/13/2015	2:00 PM	3772	2230	
2131	8/13/2015	2:15 PM	3819	2400	
2548	8/13/2015	2:30 PM	3856	2600	SOFT FRAC
5 MIN. FALLOFF	8/13/2015	2:35 PM	3712	1800	
10 MIN. FALLOFF	8/13/2015	2:40 PM	3670	1775	
15 MIN. FALLOFF	8/13/2015	2:45 PM	3642	1750	
Company: CHEVRON USA			Recorded By: T. STANCZAK		
Well: VGSAU # 32			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 @ 2131 B/D		
Seat Nipple Depth: N/A			3819 BOTTOM HOLE PRESSURE		
Shut-In Time: 2:30 PM			2400 SURFACE PRESSURE		
Open Hole:					
Perforations: 4333'-4781'					
Plug Back Depth: N/A					

