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Franc N	EW MEXICO OIL CON	NSERVATION D	IVISION A	IN STATE	
	- Engineeri	ng Bureau -			
	1220 South St. Francis D	rive, Santa Fe, NM	87505	1912 0 0	
A	DMINISTRATIVE	APPLICATI	ON CHEC	KLIST	
THIS CHECKLIST IS MAN	NDATORY FOR ALL ADMINISTRATIV WHICH REQUIRE PROCE				AND REGULATIONS
DHC-Down! PC-Poo[PC-Poo] [א	and Location] [NSP-Non-Sa hole Commingling] [CTB- l Commingling] [OLS - Of WFX-Waterflood Expansion] [SWD-Salt Water Dispos fied Enhanced Oil Recovery	Lease Commingling f-Lease Storage] [PMX-Pressure I sal] [IPI-Injection] [PLC-Pool/L [OLM-Off-Lease Maintenance Ex Pressure increa	ease Com Measurei pansion] ase]	mingling] ment]
TYPE OF APP	PLICATION - Check Those	Which Apply for [A	1		
-	Location - Spacing Unit - Si	imultaneous Dedicat			
	NSL NSP	SD			è p
	One Only for [B] or [C]				SEP E
[B]	Commingling - Storage - M		OLS 🗌	OLM	
	Liesting Diseased Deserve				A
[C]	Injection - Disposal - Pressu	SWD 🛛 IPI	\square EOR \square	y PPR	PECEIVED OCD 115 SEP 18 A 3:0
[D]	Other: Specify	J			00D
[0]	Other. speerry				
2] NOTIFICATIO	ON REQUIRED TO: - Che Working, Royalty or O	-		lot Apply	
[A]	working, Royany of O	verhang Royarty III	terest Owners		
[B]	Offset Operators, Lease	eholders or Surface (Owner		
[C]	Application is One Wh	ich Requires Publisł	ned Legal Notice	2	
[D]	Notification and/or Con				
	U.S. Bureau of Land Management -			A 1 1	
· [E]	For all of the above, Pr	oot of Notification c	or Publication is	Attached, a	and/or,
[F]	Waivers are Attached				
-	URATE AND COMPLET FION INDICATED ABOV		NREQUIRED	FO PROC	ESS THE TYPE

[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.

N	ote: Statement must be completed by an individual w	ith managerial and/or supervisory capacit	y.
DENISE PINKERTON	(Musa KAN (SUDA)	REGULATORY SPECIALIST	09/15/2015
Print or Type Name	Signature	Title	Date
	Fulg R-442-15.	LEAKEJD@CHEVRON.CO	M
NBSI	W Congraph 12	- (829 205	o = 0.50

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Denergy - (733):80-163 Denergy - (Minerals and Autural Resources) Decode (Construction)		State of New Mexico Energy, Minerals and Natural Resources		Form C-103 Revised July 18, 2013		
Desticit-1:4757 248-128 OIL CONSERVATION DIVISION 30-025-30847 Batter Line (Strates), MS 8210 OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Batter Line (Strates), MS 8210 Santa Fe, NM Santa Fe, NM 57.47 Batter Line (Strates), MS 8210 Santa Fe, NM Santa Fe, NM 5.51.47 Batter Line (Strates), MS 8210 Sunta Fe, NM Santa Fe, NM 7. Lease Name or Unit Agreement Name PONOT USE TIME FORM FOR PROPORDANT TO BUILD OF 00 EEPH OR PLUG BACK TO A DIFFERENT MARRAYOR, USE APPLICATION FOR PREMIT (PONM C-10) POR SUCH 7. Lease Name or Unit Agreement Name VACUUM GRAYBURG S/A NUT B. well water of the Reformance of the Particity of the Reformance of the Particity of Water of the Reformance of the Particity of the Reformance of the Particity of the Reformance of the Particity of						
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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 – 2300 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 Type or print name DENISE PINKERTON For State Use Only TITLE APPROVED BY:	CLOSED-LOOP SYSTEM OTHER: 13. Describe proposed or comp		OTHER: RE	nd give pertinent dates, including estimated		
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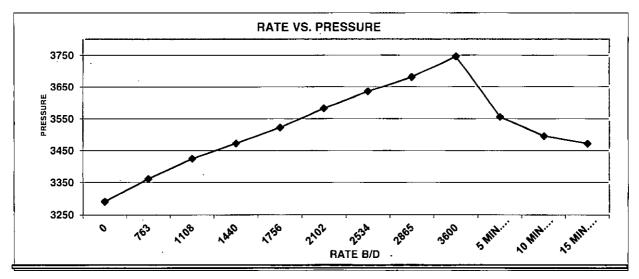
C-I 18534E 1330N, 1980W

Archer

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STEP RATE TEST

RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	8/26/2015	8:30 AM	3290	1375	
763	8/26/2015	8:45 AM	3361	1520	
1108	8/26/2015	9:00 AM	3424	1650	
1440	8/26/2015	9:15 AM	3472	1740	/
1756	8/26/2015	9:30 AM	3522 20	1825	
2102	8/26/2015	9:45 AM	3582	1925	
2534	8/26/2015	10:00 AM	3635	2050	FRAC
2865	8/26/2015	10:15 AM	3680 [,]	2140	
3600		10:30 AM	3746	2300	
5 MIN. FALLOFF	8/26/2015		3555 '	1760	
10 MIN. FALLOFF		10:40 AM	3495	1700	
15 MIN. FALLOFF		10:45 AM	3471	1675	
	CHEVRON U			, <u>,</u>	T. STANCZAK
Well:	VGSAU # 14	9		Witnessed By:	
Field:	VACUUM			Truck Number:	
County:	LEA				LEVELLAND
State:			•	Tool Number:	
Injector:	WATER			÷.	STEP RATE TESTS
Tubing Size:	2.875"			FRAC @ 2534 B/D	
Seat Nipple Depth:				3617 BOTTOM HC	LE PRESSURE
Shut-In Time:	10:30 AM			2030 SURFACE PI	RESSURE
Open Hole:					
Perforations:					
Plug Back Depth	N/A				



Pressure Survey Report

CHEVRON VACUUM GRAYBURG SAN ANDRES UNIT # 149

August 26, 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 # 149
Field – Pool:	VACUUM
Status:	SHUT-IN
	Test Information
Type of Test:	STEP-RATE TEST
Gauge Depth:	4080'
Production Interval:	4132'-4843'
Production Through:	TUBING
Tubing Pressure:	2300 psi
Casing Pressure:	0 psi
Shut In Time	10:30 AM
Status:	SHUT-IN
Temperature @ Run Depth	92.73 degF
Surface Temperature:	94.29 degF
	Comments
FRAC @ 2534 B/D	
3617 BOTTOM HOLE PRESS	URE
2030 SURFACE PRESSURE	
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ARCHER WIRELINE

CHEVRON

WELL INFORMATION SHEET

Well License: Company:	VACUUM GRAYBURG CHEVRON VACUUM	SAN ANDRES UN Unique Well Ider		30-025-30847	
Location: Formation: Purpose:		County: State: Country:	lea NM USA		
Total Depth: Packer Depth: Depth of whipstock: Depth at which casing is Depth at which tubing is		ID Borehole: ID Productior OD Productio ID Productior ID Drill Pipe:	on Tubing:	N/A 6.4" 2.875" 2.3" N/A	

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ARCHER WIRELINE

Gradient Data Report

CHEVRON

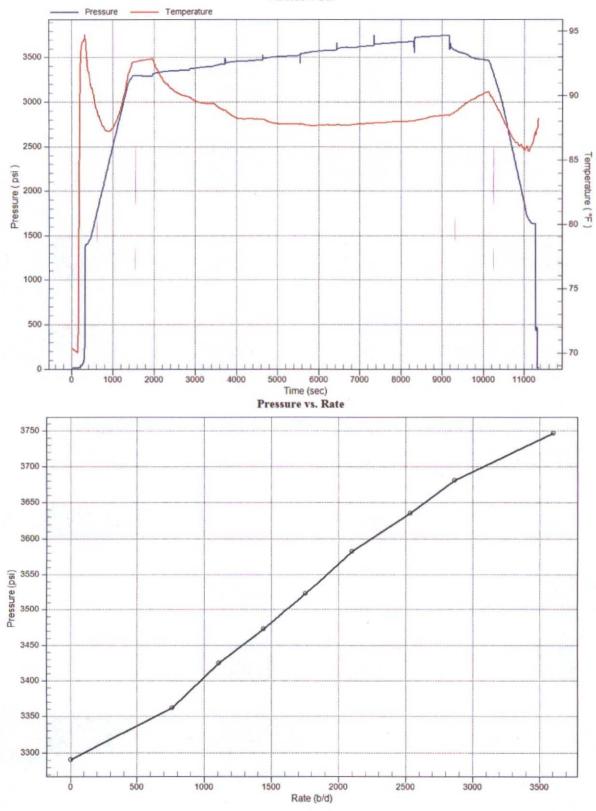
VACUUM GRAYBURG SAN ANDRES UNIT # 149

Gradient Data Table

Rate	Pressure	Temperature	Gradient
b/d	psi	degF	psi/rate
0.00	3290.55	92.84	0.0000
763.00	3361.86	89.89	0.0935
1108.00	3424.84	88.83	0.1826
1440.00	3472.94	88.16	0.1449
1756.00	3522.36	87.79	0.1564
2102.00	3582.19	87.71	0.1729
2534.00	3635.26	87.85	0.1228
2865.00	3680.94	88.03	0.1380
3600.00	3746.46	88.49	0.0891

ARCHER WIRELINE

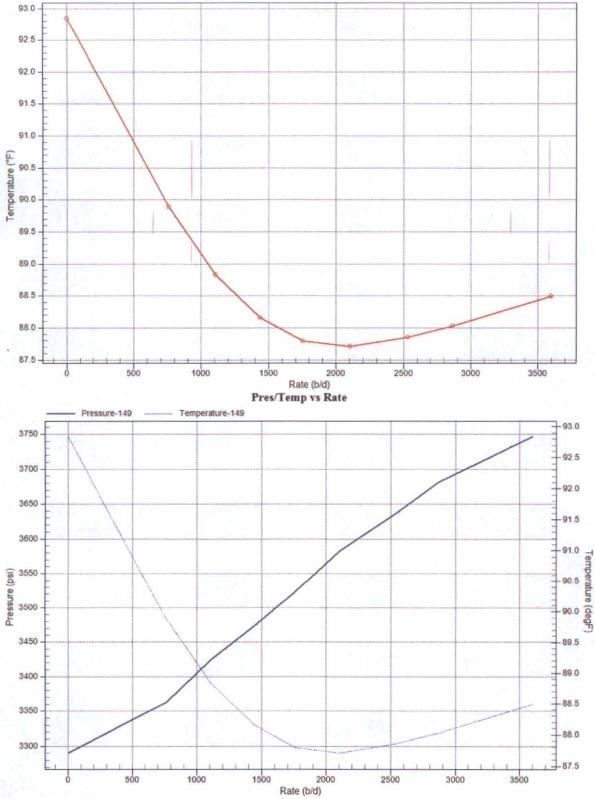
VGSAU # 149



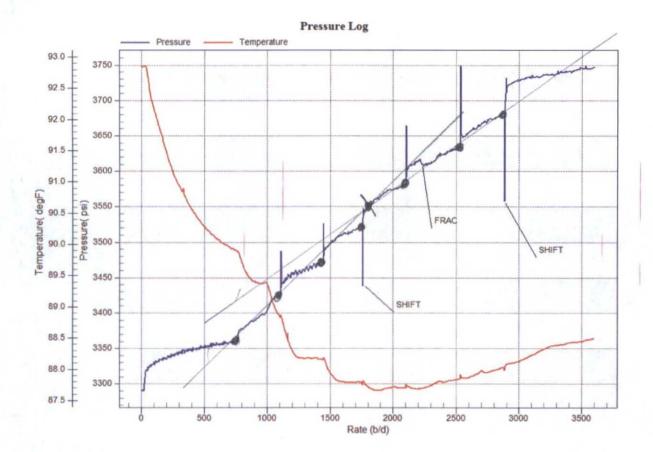
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Temperature vs. Rate



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