ABOVE THIS LINE FOR DIMISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



		<b>ADMINISTRATIVE APP</b>	LICATION CHECKLIST	
7	THIS CHECKLIST IS A	MANDATORY FOR ALL ADMINISTRATIVE APPLIC WHICH REQUIRE PROCESSING AT	ATIONS FOR EXCEPTIONS TO DIVISION RULES AN	D REGULATIONS
Appli	PC-P4	s: ndard Location] [NSP-Non-Standard nhole Commingling] [CTB-Lease Cool Commingling] [OLS - Off-Lease ( [WFX-Waterflood Expansion] [PMX [SWD-Salt Water Disposal] [IP	Proration Unit] [SD-Simultaneous Dedio ommingling] [PLC-Pool/Lease Commi Storage] [OLM-Off-Lease Measureme (-Pressure Maintenance Expansion]	ngling] nt]
<b>.</b>				.0.1301
[1]	[A]	PPLICATION - Check Those Which A Location - Spacing Unit - Simultane NSL NSP SD		
	Check [B]	COne Only for [B] or [C]  Commingling - Storage - Measureme  DHC CTB PLC		
	[C]	Injection - Disposal - Pressure Increa	nse - Enhanced Oil Recovery  IPI	
	[D]	Other: Specify	<u></u>	
[2]	NOTIFICAT [A]	ION REQUIRED TO: - Check Those  Working, Royalty or Overriding	Royalty Interest Owners	,
	[B]	Offset Operators, Leaseholders	or Surface Owner [33	27Bi
	[C]	Application is One Which Requ		
	[D]	Notification and/or Concurrent U.S. Bureau of Land Management - Commission	Approval by BLM or SLO er of Public Lands, State Land Office	
	[E]	For all of the above, Proof of N	otification or Publication is Attached, and	l/or,
	[F]	Waivers are Attached		
[3]		CURATE AND COMPLETE INFO ATION INDICATED ABOVE.	RMATION REQUIRED TO PROCES	SS THE TYPE
	val is <b>accurate</b> a		nation submitted with this application for dge. I also understand that <b>no action</b> will be submitted to the Division.	
	Note	: Statement must be completed by an individ	ual with managerial and/or supervisory capacity /	<i>r</i> .
Linda Print o	Good or Type Name	Signature School	Regulatory Compliance Specialist Title	
	Type I tunio	organic	linda.good@dvn.com e-mail Address	



July 19, 2016

Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

Re:

Ross Ranch 10 Fed 1; 30-015-29605; Admin Order SWD-1298; Approved 9/7/2011

Application to increase injection pressure Eddy County, Section 10, T26S, R31E

Dear Sir or Madam:

Based on the results of the accompanying step-rate test conducted on 2/20/2016 Devon requests that the current approved surface injection pressure of 1024 psi be increased to 1300 psi. The test indicates the increase in surface pressure is primarily due to the friction pressure in the 2-7/8" lined tubing at requested injection pressure and we do not see a resulting break in the formation from the downhole gauge at this requested pressure.

The purpose for the requested increase to 1300 psi is to better utilize the disposal capacity of the well.

If you have any questions, please contact Brent Bartlett at (405) 228-7233. Thank you for consideration on this request.

Sincerely,

Brent Bartlett Production Engineer

#### Jones, William V, EMNRD

From: Good, Linda <Linda.Good@dvn.com>

**Sent:** Wednesday, July 20, 2016 6:28 AM

**To:** Jones, William V, EMNRD

Cc: Bartlett, Brent

**Subject:** Ross Ranch 10 Fed 1 - Administrative Application Checklist

Attachments: Administrative Application Checklist\_Ross Ranch 10 Fed 1.pdf; Step Rate Test Data.pdf; C-103\_NOI Sundry\_Increase Pressure\_Ross

Ranch 10 Fed 1\_Revised\_7-18-16.pdf; Ross Ranch 10 fed 1 SWD Step Rate Test Data.pdf; Ross Ranch 10 Fed 1 SWD wellbore

schematic.pdf; Ross Ranch 10 fed 1 SWD IPI request cover letter\_signed.pdf

Good morning Will,

I believe we have everything you are needing now. Please let me know if you need anything else.

Thank you and have a great day!

Linda Good
Regulatory Compliance Specialist
Devon Energy Corporation
Devon Energy Center-Tower - OKDEC 18.522
333 West Sheridan Avenue Oklahoma City OK 73102-5015
405-552-6558
linda.good@dvn.com



# devon

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.



# **Production Schematic**

tate/Province IM	County		001529605		1980		8 660' FEL				VE	Configuration RTICAL		
2.00	CF Elev (ft)	Ground Elev MSL (ft) 3,216.00		ng Flange (ft)	Original D 5/25/19		Date	Origin	il Drig Rig	Release Date		roduction D 0/1997	ate	
		MATIC*************		Ibore Secti	ons	151			Felice	1000		VIII.		
	CAL - OH, 7/19/2016		OH	ilibore Name	SURFAC	Section E 4	Des	5/25/	rt Date	Act Top (ft)		687.0		Size (in
V	/ertical schematic (a		-12					1000000			2.0			14 3
		Cement; SURFAC			INTERM			5/27/			7.0	4,015.0		-
	St.	12.0-687.0 ftKB;	mint.	In a Christian	PRODUC	HON	1	6/4/1	997	4,01	5.0	8,500.0		77
		意 5/27/1997 图 11 3/4 in; 42.00 lb		ing Strings		-	OD (in)	1 100/	Len (lb/ft)	Gra	40 1 7	Top (ftKB)	Set Dep	ith /Bis/
	92	11 3/4 In; 42.00 Ib		RFACE 1	763		11 3/			H-40	ue i	12.0	Set Des	687
		14 3/4	INIT	ERMEDIATE	=1		8 5/			J-55	4000	12.0		4,015
		11 3/4 in; 42.00 lb	Mt. HI	DUCTION			5 1/			L-80	200	12.0		8,400
Tubing; 2-1; Tubing; 2		8 5/8 in; 32.00 lb/f		nent Fluids								100		4000
7/8 in; 2.441 in; 12.0- 5,054.0 ftKB		55	-			1000		TWO	10	CO CO CO	Amount		TRUCK	
		Cement;				Cemen			1		of Cement	Yield	Dens	Pum
	88	INTERMEDIATE		String		Class		rid	1	Fluid Des	(sacks)		(lb/gal)	(bb
		1,030.0-4,015.0 ft		RFACE 1, 68	37.0ftKB	C					550			
		6/4/1997	INT	ERMEDIATE	≣ 1,	C					950			
Tubing; 2-2; PACKER;	8 - 1 - 1 &	5 1/2 in; 17.00 lb/f	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5.0ftKB					1					
2 7/8 in; 5,054.0- 5,059.0 ftKB	8 P.D. 18	8 5/8 in; 32.00 lb/f	The second secon	DUCTION	1,	H					1,600			
		55	0,40	0.0ftKB										
				DUCTION 0.0ftKB	1,	Н					2			
					1	L.					200			
Perf; PERFORATED;	8			DUCTION 0.0ftKB	1.	Н					200			
5,118.0-5,367.0 ftKB; 10/5/2011	1 1			DUCTION	1	н					4			
10/3/2011		5 1/2 in		0.0ftKB	4	lu			1		4			
				DUCTION	1	C			1		25			
		[		0.0ftKB	.,						20			
	18	1	Section Control	nulation Int	ervals			-			0.002.3			
		Cement; CEMENT	-			3 3 3		Proppar	t In					
Plug Back Total Depth;	8	PLUG; 5,467.0-		Type	C+	art Date	Vol Clean Total (bbl)	Format (lb)	on Frac (		op (ftKB)	Btm (ftKB)	7	one
5,467.0; 10/4/2011	\$ 800 B	5,770.0 ftKB; 10/4/2011	ACI	DFRAC		29/20	185.90		0.0		5,118.0	5,367.0		_
					15								E, OH	
BRIDGE PLUG - CAST IRON; 4 3/4 in;	<b>数</b>	Cement; SURFAC		DFRAC	2/1	8/201	201.00	(	0.0	0.00	5,118.0	5,367.0	DELA	WAR
5,770.0-5,772.0 ftKB		/3,260.0-8,400.0 ft			6								E, OH	
		6/20/1997	TUE	ING - PROD	DUCTION	set at	5,059.0ftKI	B on 11	8/2014	13:00				21
		-		g Description		10000	in Date		tring Lengt	h (ft)		t Depth / EC	T (ftKB)	
	羅 縣	Cement; CEMENT SQUEEZE; 6,600		ING - PROI		1 111	1/8/2014		047.00	Seeds 1	100	059.0	1 0	n (ftKB
	盤 羅	6,655.0 ftKB;	Tub		Des			7/8	6.50 J-		.en (ft)	Top (ftKB)		5,054
		10/31/1997	500	KER	-			7/8	0.00	00 0	5.00	5,054	-	5,059
		Cement; CEMENT PLUG; 6,815.0-		er In Hole			-	,,,,,			0.00	0,004	.0	0,000
	\$ 000 B	6,850.0 ftKB;	- Cui		)es		Run Date	P	III Date	OD (in)	ID (in)	Top (ftKB	Btr	m (ftKB
	\$ 000 B	10/3/2011	BRII	DGE PLUG		RON	10/3/2011			4 3/4		5,770		5,772
BRIDGE PLUG -			BRII	DGE PLUG	- CAST II	RON	10/3/2011			4 3/4		6,850	0.0	6,852
CAST IRON; 4 3/4 in; 6,850.0-6,852.0 ftKB		E 410 : 47 00 IL II	BRII	DGE PLUG	- CAST IF	RON	10/22/199	7		4 3/4		7,850	.0	7,852
Perf; PERFORATED;		5 1/2 in; 17.00 lb/f	Pro	duction Tes	ts & Emi	issions	S		100			U.S. Cold	190	2000
6,600.0-7,122.0 ftKB; 10/23/1997				Date	F 19 7 18 3	0.00	(bbl/day)	Rate Ga		Water (b. 1)	mA T	ran (2)	C	-
1012011001				Date		Q OI	(obrday)	(MCF/da	y) Q	Water (bbl/da	sy) Tub P	res (psi)	Cas Pr	es (psi
		Cement; CEMENT	Prov	duction Set	tings			ECVIN						Ale
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PLUG; 7,830.0- 7,850.0 ftKB;	1.10	Meth		T	Met	thod Detail		S	tart Date	- 1	End Dat	e
	\$ **** <b>\$</b>	10/22/1997												
BRIDGE PLUG -			Perf	oration Inte	ervals		DATE TO B	2000	18 29 19			40,000		
CAST IRON; 4 3/4 in;	- B				0.00			ot Dens	Phasing				327	
7,850.0-7,852.0 ftKB	<b>※</b>		404	Date	Top (ftKB)	_		hots/ft)	(")	DELAW		ked Zone		
				/2011	5,118.		5,367.0	4.0		DELAWA				
				3/1997	6,600.		7,122.0	4.0		DELAWA				110
0 4 000000			10/2	0/1997	7,888.	0 7	7,934.0	4.0		DELAWA	KE, OH			17
7,888.0-7,934.0 ftKB;	The second secon													
Perf; PERFORATED; 7,888.0-7,934.0 ft/B; 10/20/1997		5 1/2 in: 17 00 lb/f	C L-											
7,888.0-7,934.0 ftKB;		5 1/2 in; 17.00 lb/f	t; L-											
7,888.0-7,934.0 ftKB;			t, L-											
7,888.0-7,934.0 ftKB;			t; L-											
7,888.0-7,934.0 ftKB;			t, L-											

Submit 1 Copy To Appropriate District	State of New Me	exico	Form	C-103			
Office <u>District I</u> – (575) 393-6161	Energy, Minerals and Natu	ral Resources	Revised July	18, 2013			
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.				
District II - (575) 748-1283	OIL CONSERVATION	DIVISION	30-015-29605				
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	1220 South St. Fran		5. Indicate Type of Lease	_			
1000 Rio Brazos Rd., Aztec, NM 87410			Fed X STATE FEE				
District IV - (505) 476-3460	Santa Fe, NM 87	/303	6. State Oil & Gas Lease No.				
1220 S. St. Francis Dr., Santa Fe, NM 87505							
	ES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement	Name			
(DO NOT USE THIS FORM FOR PROPOSA							
DIFFERENT RESERVOIR. USE "APPLICA" PROPOSALS.)	CTION FOR PERMIT" (FORM C-101) FO	OR SUCH	Ross Ranch 10				
· -	Gas Well 🔲 Other		8. Well Number				
			1.	ĺ			
-			1				
2. Name of Operator	I D		9. OGRID Number 6137	Ì			
Devon Energy Production Comp	Devon Energy Froduction Company, LF						
3. Address of Operator			10. Pool name or Wildcat				
333 West. Sheridan Avenue	5 405-552-6558			i			
Oklahoma City, OK 73102-501		Delaware					
4. Well Location							
Unit Letter <u>H</u> : <u>1980</u>	feet from the N line and 60	50 feet from the _	E line				
Section 10	Township 26S Rang	ge 31E N	MPM County Eddy				
	11. Elevation (Show whether DR,	RKB, RT, GR, etc.					
Service and the service of	3216'						
12. Check Ap	opropriate Box to Indicate N	ature of Notice,	Report or Other Data				
NOTICE OF INT	CNTION TO	i cup	SEQUENT REPORT OF:				
NOTICE OF INT		REMEDIAL WOR		NC 🗆			
	PLUG AND ABANDON	COMMENCE DR	<del>_</del>	LJ 040			
	CHANGE PLANS	CASING/CEMEN					
DOWNHOLE COMMINGLE	MOLTIFLE COMPL	CASING/CEMEN	1 305				
CLOSED-LOOP SYSTEM							
GEOGED-EGGI GTGTEM		OTHER:					
OTHER: Step Rate Test	$\boxtimes$						
13. Describe proposed or comple	ted operations. (Clearly state all J	pertinent details, an	d give pertinent dates, including estin	nated date			
		C. For Multiple Co.	mpletions: Attach wellbore diagram	of			
proposed completion or recor							
In reference to BLM approved Electronic Submissions submitted procedure. Due to inconclusive data r	ission #323618 on November 17, 2015, D	evon Energy Production	Company, L.P. requests adjustments to previous operation oper	usiy ations in			
attempt to clean up wellbore and perform a Step	Rate Test as per below schedule. All wor	k performed will follow	and reference previously approved Conditions	of			
Approval.	todo						
	review and approval of sundry. n operations, flow well back to clean up.						
3. Notify NMOCD 24 hours I	•						
	minimum 48 hours prior to test. Docume	nt pressures.					
<ol> <li>MIRU pumps, iron and st</li> <li>Initiate injection at a rate</li> </ol>	age injection fluid. : of 18 GPM. Step up rates in 7 stages, eac	h for 30 minutes to					
, , , , , , , , , , , , , , , , , , , ,	old final rate for 45 minutes.						
<ol><li>Shut in and record pressu</li></ol>							
8. Conclude test and RDMO 9. Run MIT test and chart, F	pumps. Tile MIT w/NMOCD office.						
10. Return well to injection.	He MIT W/MMOCD BITTLE.						
Step Rate Test Attached.							
I hereby certify that the information ab	ove is true and complete to the bo	est of my knowledg	ge and belief.				
SIGNATURE SINGLE	Mood TITL	E: Regulatory S	pecialist DATE 7/18/2016				
- Junear	1111	. Regulatory 5	POSIGNOS PATE //10/2010				
Type or print name: Linda Good	E-mail address: linda.goo	d@dvn.com	PHONE: 405-552-6558				
For State Use Only							
ARROLLED DO							
APPROVED BY: Conditions of Approval (if any):	TITLE		DATE	<del></del>			
conditions of white are (it arra):							

### TE TEST DATA for BLM. CFC

Operator: Devon Energy Production Company, LP

Well: ROSS RANCH 10 FEDERAL-1

API#: 3001529605

Lease: NM89057

Data Collection Date:

Sfc Loc: T26S-R31E;10.1980n660e.

< Input cell(s)

Tbg O.D.: Tbg Wt.: Grade:

Coupling:

Packer at:

Top Injection Depth:

5118 Х

0:20psig/ft = Expected Surface Fracture psig:

1023.6

With Mud Wt Scale:

lbs/gal

Msrd No Flow Formation psig:

at Depth: 5118

Injection fluid lbs/gal:

Hydrostatic Pressure of fluid at top depth of injection:

Beginning Wellhead psig:

Target Maximum Rate: bpd(barrels per day): 5150

- 1. Take a charted record of shut in psig for no less than 48 hours. If the wellhead shut in psig is not less than the approved injection pressure, bled the wellhead pressure below that approved injection pressure before beginning the Step Rate Test.
- 2. Preform a minimum of seven steps, recording rate to ±0.1bpm and surface pressures to ±10psig in five minute intervals. The first two step rate pressures must be below 0.2psig/ft x depth at top of injection.
- 3. The last two five minute surface pressure readings of each (minimum 30 minute) step are to be within 15psig of each other. If not, hold that step injection rate past the 30 minute step until two consecutive pressure readings are within 15psig. Record the average of those two readings as the Data Point for that Step #.

Step 1 Target Test Ra	ate (5% o	f maximum	bpd/1440 = <b>0.2</b>	bpm pmp'd for Step 1 bpm (barrels per min	
Time: Surface (psig):	5 min		🙄 15 min: 🔊 20 min	25 min 11 130 min 1	Start Time: Fig. 1
Formation (psig)	-		•••		Point #1
bpm:		NOT BE SEED OF	January Cartifacture .	and the second second of the second of the	Sfc psig:
Time:	35 min	🧓 40 min	. 45 min 😘 50 min	25 min 👉 60 min	F psig:
Surface (psig):		· 12 (1)	P. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		bpm:
Formation (psig):		, T.	· · · · · · · · · · · · · · · · ·	and the second s	bpd: 0
bpm:	1 1 1		17 1 2 4		target bpd: 258

Step 2 Target Test Ra	te /10% of	maximum bi	od/1440 :	= 0.4	bpm pmp'd bpm for Ste		
Time:	5 min		15 min.				Start Time:
Surface (psig):				\$4 \$50 Sec.			End Time: 🚍 💆
Formation (psig):	1	- N /		- m 2 m	1747		Point #2
bpm:		23					Sfc psig:
Time:	35 min	40 min	45 min	-50 min	25 min	60 min	F psig:
Surface (psig):		port of the state		4." * " + "			bpm:🎺 🔭 🗍
Formation (psig):	وه ؛ لكب		**	ar in the second	فريدا المالخان	· · · · · ·	bpd: 0
bpm:[	`	· · · · · · · · · · · · · · · · · · ·		or Mills	1 1 1 2 2 2	N	target bpd: 515

Step 3 Target Test Rate (	20% of m	aximum bpd/	1440 =	0.7	bpm pmp'd bpm for <b>Ste</b>	•		
Time:		+ 10 min	15 min	20 min :	25 min	30 min	Start Time: }	Tanga Tanggar
Surface (psig):	21 4 7 7	4 0 2		1 7 7 7 7 1	1	(	End Time:	
Formation (psig):	A .			و کالی دوره ه	t a tar	š	Point	#3
bṗm:			<del></del>		*** · **,		Stc psig:	
Time:	35 min	40 min	45 min	50 min	25 min	60 min	F psig:∛	a
Surface (psig):					- **		bpm: (	ا وا دوستان الله الله الله الله الله الله الله ال
Formation (psig)		f	1				bpd:	0
bpm:		sales and a	100	ž.	. J		target bpd:	1030

Operator: Devon Energy Production Company, LP Well: ROSS RANCH 10 FEDERAL-1

API#: 3001529605 Lease NM89057

Data Collection Date: Sfc Loc: T26S-R31E,10.1980n660e API#: 3001529605 Lease: NM89057

ata concenen bate.			0.0 200	. 1200 (1012		110000	
Step 4 Target Test Rate (4	10% of m	aximum bpd/	1440 =		bpm pmp bpm for S	d for Step 4 Step 4	
Time:	5 min	. 10 min∍	15 min	20 min *	25 min	30 min :	Start Time:
Surface (psig):		3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		2 33 E. S	2		End Time: [ 15 15 15 15 15 15 15 15 15 15 15 15 15
Formation (psig):		I we there				VEL 1984 (R	Point #4
Rate bbl/min:				1.0	1		Sfc psig:
Time:	35 min	40:min :	45 min	50 min	25 min	60 min	F psig:
Surface (psig):	, , <sub>1</sub> ,		14 v y		unit, i	3 Ty.	_bpm:
Formation (psig):		14. A 1841.A		r interior de			bpd: 0
bpm:	s* ?						target bpd: 2060

Step 5 Target Test Rate (		pmp'd for Step 5 for <b>Step 5</b>	ý
Time: Surface (psig): Formation (psig)	5 min 10 min 15 min 20 min 25		Time: Point #5
bpm: Time:	35 min 40 min 45 min 50 min 25		c psig:
Surface (psig):	35 (10) 40 (10) 45 (10) 50 (10) 25	Hari OO Hari	bpm:
Formation (psig): bpm:		targ	bpd: 0 et bpd: 3090

Step 6 Target Test Rate (8	30% of ma	ıximum bpd/1	440 =		opm pmp'd opm for St			
Time:	- 5 min	10 min∈	15 min	20 min	25 min		Start Time: 🖫	
Surface (psig):		1 ·				The section of	End Time: 👢	
Formation (psig)	, ,	-e> .		*			Point :	<del>1</del> 6
Rate bbl/min:		4	+ 1			#	Stc psig:	
· Time:	35 min	<sup>12</sup> 40 min <sup>12</sup>	45 min	50 min_	25 min	60 min	F psig:	d seed
Surface (psig):	1.		i i i	, s "¥			bpm:ੈ	
Formation (psig):		7.	1.2			· 1	bpd:	0
bpm:		4.5°			* "	· , ·	target bpd:	4120

Step 7 Target Test Rate (*	100% of n	naximum bpo	- I/1440 ≈		bpm pmp bpm for S			
Time:	5 min	10 min	15 min	20 min	25 min	30 mín	Start Time:	47. F 14
Surface (psig):	7+	. ***				, c	End Time: 🛁	il gas Matala
Formation (psig):		n Chaire		면택 : 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		, , , , , , , , , , , , , , , , , , , ,	Point #7	- Approximation
bpm:				1. 18. 1.			Stc psig:, 🖓	্ সন্
Time:	35 min	40 min	45 min	50 min	25 min	60 min	F psig:	in Brancowings
Surface (psig):	1		±				bpm:{	
Formation (psig):	,	, -				•	bpd:	0
bpm:							target bpd: 5	150

Instant Shut In Pressure:

5 minute Shut In Pressure:

10 minute Shut In Pressure:

15 minute Shut In Pressure:



# STEP RATE TEST

	RATE B/D	Date	Time	BH PRESS	SURF, PRESS	Comments
Step 1	0.4	2/20/2016	10:29 AM	3093.49	715.05	
Step 2	0.8	2/20/2016	11:00 AM	3121.02	760.28	
Step 3	1.6	2/20/2016	11:32 AM	3168.26	918,96	<u>,</u>
Step 4	3.2	2/20/2016	12:03 PM	3232.58	1377:35	
Step 5	4.8	2/20/2016	12:34 PM	3279.09	2026.98	
Step 6	6.4	2/20/2016	1:39 PM	3309.62	2765.85	
Step 7	7.5	2/20/2016	2:21 PM	3328.67	3385.54	
Fall Off	Fall Off	2/20/2016		3286.38	854.09	
	Company:	Devon Enve	ry *	(	Recorded By:	M. Flores
		Ross Ranch				
		Ross Ranch			Truck Number:	
	County:	Loving	1.0		District:	Levelländ
	State:	New Mexico				
					Test Type:	STEP RATE TESTS
_		, -s	No.			
				THE SOLD ST		
	Tubing Size:	2 7/8 : 🛫	gina e initia.	1.77		
Seat N	Vipple Depth:					
	Perforations:		E.			
Plug	Back Depth	N/A	L			





