Submit 3 Copies To Appropriate District Office	State of New Me		Form C-103	
<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natu	iral Resources	WELL API NO.	7
<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION		30-045-30922	4
District III	1220 South St. Fra	ncis Dr.	5. Indicate Type of Lease STATE ☐ FEE ☒	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 8'	7505	6. State Oil & Gas Lease No.	1
1220 S. St. Francis Dr., Santa Fe, NM 87505		Ì	N/A	
		UG BACK TO A OR SUCH	7. Lease Name or Unit Agreement Name Pretty Lady 30-11-34	
	Gas Well Other SWD		8. Well Number 1	
2. Name of Operator Merrion Oil & Gas Corp.			9. OGRID Number 014634	7
3. Address of Operator			10. Pool name or Wildcat	-
610 Reilly Ave. Farmington, NM 8	7401		Basin Mesa Verde SWD	
4. Well Location				
			1475feet from theEastline	
Section 34	Township 30N R		NMPM San Juan County	-36
	11. Elevation (Show whether DR 5789' GL	, KKD, K1, GK, etc.)		
Pit or Below-grade Tank Application 🔲 o				7
Pit typeDepth to Groundw			nce from nearest surface water	
Pit Liner Thickness: mil	Below-Grade Tank: Volume		struction Material	
12. Check A	Appropriate Box to Indicate N	Vature of Notice, F	Report or Other Data	
NOTICE OF IN PERFORM REMEDIAL WORK □	TENTION TO: PLUG AND ABANDON	SUBS REMEDIAL WORK	SEQUENT REPORT OF: ALTERING CASING	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRIL		
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT	JOB	
OTHER: Perform Step Rate Test	t 🛛	OTHER:		
13. Describe proposed or comp	leted operations. (Clearly state all	pertinent details, and	give pertinent dates, including estimated da	te
of starting any proposed we or recompletion.	ork). SEE RULE 1103. For Multip	ole Completions: Atta	ach wellbore diagram of proposed completion	n
or recompletion.				
Merrion oil and Gas proposes to per		ell on 28-DEC-2006.	Test will be performed per attached	
procedure and NMOCD requiremen	IS.			
			RCUD DEC	
				.DIV.
I hereby certify that the information	ahove is true and complete to the h	pest of my knowledge	and belief. I further certify that any pit or below	_
grade tank has been/will be constructed or	closed according to NMOCD guidelines	, a general permit o	or an (attached) alternative OCD-approved plan	-
SIGNATURE 2	TITLE	Petroleum Engineer_	DATE19-DEC-2006	
Type or print name Tyson S. For				
	E-mail address: tyl	foutz@merrion.bz	Telephone No. 505.320.5300	
For State Use Only				16
For State Use Only		foutz@merrion.bz	FOTOR DIST. AS DEC 1 9 200	16

Agua Moss LLC.

Step Rate Test Procedure

Well Information				
Well	Pretty Lady 30-11-34 #1	Field	Basin Dakota	
Location	1760' fsl &1475' fel (nw se) S34, T30N, R11W, NMPM San Juan Co. New Mexico	Elevations	5789' GL 5802' RKB	
AFE '	02798	Engineer	Tyson Foutz (505.320.6275)	
Date	19 December 2006	Lease	Fee	
Surface Casing	13 ³ / ₈ " 48# H-40 ST&C @ 433' KB	Intermediate Casing	9 ⁵ / ₈ " 47#/53.5# P-110 LT&C @ 8104' KB	
Tubing	5 ¹ / ₂ " 15.5# J-55 ST&C @ 3685' KB	Packer	9 ⁵ / ₈ " Arrow Set RCP set at 3700' KB. EOT @ 3792 KB.	
Perforations	3762' - 3830', 4 spf (272 holes), 0.34" EHD	Stimulation	Slickwater frac w/ 102380 lbs. 20/40 Brady sand. ISIP = 1206 psi.	

Prior to MIRU

- 1. Spot 10 400 bbl frac tanks and fill with produced water.
- 2. Filter Water to 5μ

Set BHP gauges

- 1. MIRU slickline unit with lubricator
- 2. RIH w/ dual pressure gauges and hang at perforations

Conduct step rate test

- 1. MIRU KPPS
- 2. Install pressure gauges on 95/8" casing side outlet valve and Braden head
- 3. Install pressure sensor at wellhead
- 4. Install dual flowmeters in pump line
- 5. Pump through tree to confirm flowmeter redundancy
- 6. Install chokes downstream from pump ahead of flowmeters to regulate injection rate
- 7. Test Lines to 2500 psi.
- 8. Open well and record ISIP
- 9. Begin injecting according to following rate schedule

Injecton Rete ([99/min])	Step (lime (mlm)	Volume Requiement (Hill)
0.5	30	15
1.0	30	30
1.5	30	45
2	30	60
2.5	30	75
3	30	90
3.5	30	105

Agua Moss LLC.

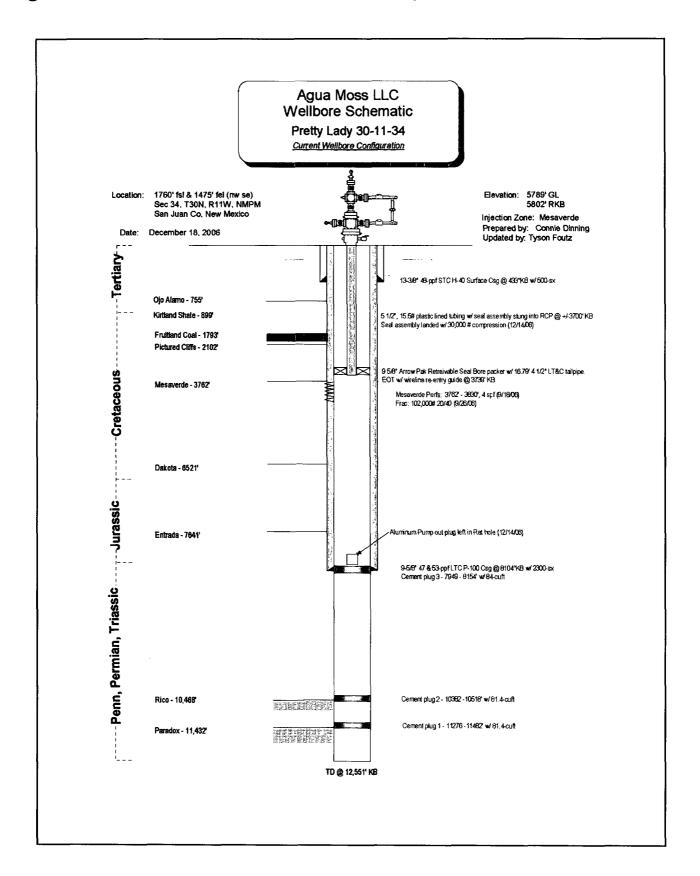
Step Rate Test Procedure

4	30	120
4.5	30	135
5	30	150
5.5	30	165
6	30	180
6.5	30	195
7	30	210
7.5	30	225
8	30	240
8.5	30	255
9	30	270
9.5	30	285
10	30	300

Total water requirement = 3150 bbl

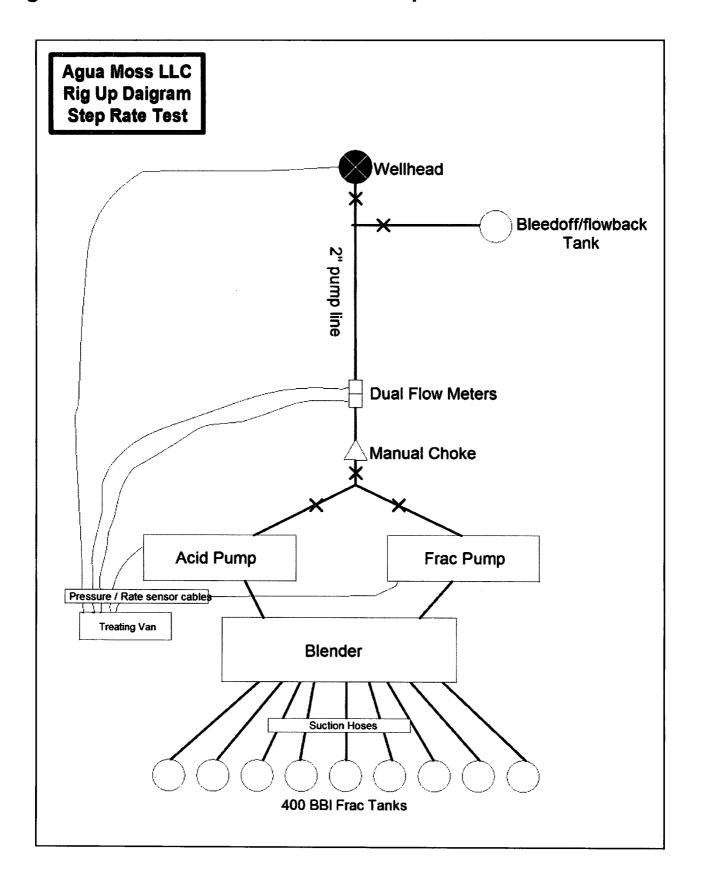
- 10. Record ISIP, 5, 10, 15 min SITP
- 11. RDMOL
- 12. Pull BHP gauges

Step Rate Test Procedure



Merrion Oil & Gas

Pretty Lady 30-11-34 #1



Merrion Oil & Gas

Pretty Lady 30-11-34 #1

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