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June 25, 2007

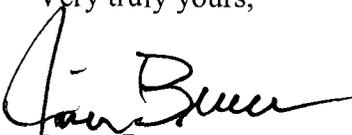
David K. Brooks  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Re: Case No. 13,935 (Apollo Energy, L.P.)

Dear Mr. Brooks:

Enclosed is a copy of the step-rate test performed by Apollo Energy, L.P., and referenced at hearing.

Very truly yours,

  
James Bruce  
Attorney for Apollo Energy, L.P.



June 22, 2007

Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Attn: David Catanach

RE: Apollo Energy, L.P.  
Step-Rate Injection Test, Russell USA #60  
Russell USA Field, New Mexico

Dear Mr. Catanach:

Apollo Energy, L.P. has submitted an Application for Authorization to Inject to re-instate the waterflood in the Russell USA Field, 13-T20S-28E, Eddy Co. A requirement for this re-statement was to perform a step-rate injection test to determine the injection rate and the resulting pressure of injection. A field test was performed on the Russell USA #60 on June 6, 2007. Attached is the field testing data and a graph depicting the relationship between injection rate and pressure.

On behalf of Apollo Energy, L.P., Reagan Smith Energy Solutions is requesting the Oil Conservation Division to allow Apollo Energy to inject this injection well and any future injection wells at a rate of 1.0 barrel per minute (BPM) with a resulting pressure of 420 psi.

Please fax the approval to our office at (405) 848-2712 and send us the original using our letterhead address. Please call with any question. Your help in this matter is greatly appreciated.

Sincerely,

Scott St. John  
For Apollo Energy, L.P.

*Enclosure:*

2525 N.W. Expressway, Suite 312 • Oklahoma City, OK 73112  
(405) 286-9326 • Fax: (405) 848-2712 • [www.rsenergysolutions.com](http://www.rsenergysolutions.com)



<b>Field Test Data</b>	
<b>Barrels Per Minute (BPM)</b>	<b>Pressure (psi)</b>
X	Y
0.125	180
0.400	200
0.600	250
0.800	325
1.000	420
1.250	500
2.000	500
3.000	500

Note: At 500 psi fracturing ensued, desired max pressure is 420 psi (1 BPM)  
Testing witnessed by Gerry Guye - Phone (505)-748-1283 ext 105, Cell (505) -626-0843

Injection Rate vs. Pressure

