

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Governor Joanna Prukop Cabinet Secretary

November 10, 2003 **IPI-213**

Lori Wrotenberv Director Oil Conservation Division

Westall Oil & Gas, Inc. Post Office Box 4 Loco Hills, New Mexico 88255

Attn: Randall Harris

Injection Pressure Increase RE: Forehand Well No. 3 Eddy County, New Mexico

Dear Mr. Harris:

Reference is made to your request to the New Mexico Oil Conservation Division (Division) received November 3, 2003, to increase the surface injection pressure on the subject well. This request is based on a step rate test conducted on September 30, 2003. Results of this test have been reviewed and we feel an increase in injection pressure on this well is justified at this time.

You are hereby authorized to inject water up to the following maximum surface tubing pressure.

Well and Location	Maximum Surface Injection Pressure			
Forehand Well No. 3 (API:30-015-22192)	800 PSIG			
This well is located in Section 15, Township 23 South, Range 27 East, Eddy County, New Mexico.				

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Lori Wrotenber

Director

LW/wvji

cc:

Oil Conservation Division - Hobbs

File: 2003 PSI-X;

File SWD-719



Westall Oil & Gas, Inc.

WYJ

Independent Oil Producer

Post Office Box 4 Loco Hills, New Mexico 88255 PH. 505-677-2370 • FAX 505-677-2361

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Oil Conservation Division 1220 S. St. Francis Dr. Santa Fe, Nm 88240 NOV 0 3 2003

OIL CONSERVATION DIVISION

Re:

Step Rate Test

Ray Westall Operating

Forehand #3 SWD-719

Gentlemen:

Enclosed are the results of the Step Rate Test performed on 9/30/03 on the captioned well. We request a pressure increase based on the test.

Respectfully submitted

Randall Harris

Geologist

Step Rate Test

Company: Ray	Ray Westall Operating		Company Representative: Randy Harris			
	Forehand #3		Test Date & Time: 9/30/03			
State: NM		County: Eddy	The second secon	Elevation: 3129	GL	
Formation: Delay	vare	Unit:		Section: 15	and a second of the second of	
Township: 23S	فاست ميبيون ومساحة فالمائلة إنسان ويساحم		Range: 27	⁷ E		
	Bump					
TD@	<u> </u>		PBTD@ 39	999		
Packer Set @: 31(Υ				F	
Casing Size: 5 1			Casing Wt.: 15	5.5		
Casing Dia.:			Casing Set @: 4000 ' Fi			
Tubing Size: 2 3/8 PL Tubing Dia.:			Tubing Wt.:			
			Tubing Set @: 3100'			
	'46			974'		
	Elapse Tubing		Turbing Procesure		Rate	
Time	Time	Pressure	Less Friction	BHP	BPD	
8:15		0			0	
8:20		500			470	
8:25		560			470	
8:30	15	580			470	
8:35		660			590	
8:40		690			590	
8:45	30	700			590	
	· · · · · · · · · · · · · · · · · · ·				1	
8:50		800			740	
8:55		830			740	
9:00	45	840			740	
9:05		880			940	
9:10		890			940	
9:15	60	900			940	
9:20		960			1200	
9:25		960			1200	
9:30	75	970			1200	
-						
9:35		900			1380	
9:40		1000			1380	
9:45	90	1010			1380	
				,		
est Conducted By:	David Bump					
Toll Free	——————————————————————————————————————				Office	

