

Well: **Newberry Federal #1E**  
 Location: **1,690' FNL & 990' FWL**  
**Sec 17 T31N R12W NMPM**  
**San Juan County, New Mexico**  
 API: **30-045-34532**

Operator: **Great Western Drilling Company**  
 Spud date: **3/5/2008**  
 Elevations: KB **5,950.50**  
 KB-GL **16.5'**  
 GL **5,934'**

TOPS	NOTES	HOLE SIZE	CASING & CEMENT
		12 1/4"	
	230'	9 5/8" 38# J-55 set at 230' cmtd to GL w/ 135 sx	
Ojo Alamo at 500' Kirtland at 590'		8 3/4"	
Fruitland at 1,845'		2 3/8" 4.7# J-55 tubing	
Pictured Cliffs at 2,225'		7" DV tool at 2,433' circulated 30 bbl from 1st stage then cmtd 2nd stage w/380 sx and circulated 25 bbl from the 2nd stage	
Cliff House at 3,890'		TOC behind 4 1/2" at 4,140' by CBL	
Menafee at 4,105'	4,296'	7" 20 & 23# J-55 set at 4,296' cmtd 1st stage w/335 sx	
Point Lookout at 4,675'			
Greenhorn at 6,715'			
Graneros at 6,770'			
Dakota at 6,833'	SN at 6,892'	Dakota perms 6,833 - 6,986' 5/8/08 acdz w/ 1,000 gal 7.5% HCl and frac w/27,468 gal X-link gel w/80,000# 20/40 Brady sand and 25,000# 20/40 SLC	
TD at 7,003'	pbttd 6,990'	4 1/2" 10.5 & 11.6# J-55 set at 7,002' cmtd w/285 sx	