

Sinagua 18 Fed #1 PZ

Well Name : Sinagua 18 Federal #1
 Field : Quail Ridge
 Formation : Morrow
 Location : Lea Co., N.M.

Gas Gravity :	0.698	
Misc Gas ? (yes=1) :	1	
Reservoir Temp :	192	°F
Surface Temp :	60	°F
Depth of Zone :	13,078	feet
Tubing Diameter :	1.995	inches

% N2	0.38	%
% CO2	0.66	%
% H2S	0.00	%

Date	Cumulative Prod (Mmcf)	Measured SITP (psi)	Calculated SITP (psi)	Measured SIBHP (psi)	Calculated SIBHP (psi)	Z Factor	BHP/Z
3/10/94	-		2,501	3,634	n/a	0.8924	4,072
7/8/94	-		2,353	3,431	n/a	0.8822	3,890
10/16/95	1,696	1,550	n/a		2,241	0.8574	2,614
10/14/96	3,151	1,200	n/a		1,711	0.8707	1,966
7/16/97	3,928	995	n/a		1,404	0.8854	1,586
7/7/98	4,666	862	n/a		1,208	0.8972	1,346
			n/a		n/a	-	-
			n/a		n/a	-	-
			n/a		n/a	-	-
			n/a		n/a	-	-
			n/a		n/a	-	-
			n/a		n/a	-	-

BEFORE THE
 OIL CONSERVATION DIVISION
 Case No. 12158 Exhibit No. 19
 Submitted By:
 Santa Fe Energy
 Hearing Date: April 15, 1999