

Redfern #1
Basin Fruitland Coal Field
San Juan County, New Mexico
OP: Hallwood Petroleum, Inc.

K-14.29v-13w
WESTERN DISTRICT
SPG 1227
AFE #3142057 - \$189,136
52.29187% WI

PROCEDURE: Drill & complete a 1,600' Fruitland Coal well.

04/04/94 PU & RU Petro Wireline & ran CBL, CCL, VDL & GR logs from 1,241' to surface, 100% bonding top cmt @ 40'.

04/05/94 Perforated Basin Fruitland Coal w/ 4 JSPF w/ 4" HSC guns from 1,166-1176', 1,180-1,200' & 1,208-1,212' total of 34', 136 holes. Tag PBTD @ 1,241' KB.

04/06/94 RU Dow Schlumberger & fraced Fruitland Coal 1,166-1176', 1,180-1,200' & 1,208-1,212', spearheaded frac w/ 1000 gal 7-1/2% HCL had a 150 psi break w/ the acid 750 to 600 psi, fraced w/ 30# X-link gel, 4000# 40/70 sand & 202,960# 12/20 sand pumped 12/20 from 1# gal to 9# gal avg rate 50 BPM, avg press 720 psi, max rate 50 BPM.

04/07/94 Cleaned out to PBTD, 1,241' KB. NU tree, tbg set w/ 46 jts (1,159') 2-7/8" 6.5# J-55 SN @ 1,127'.

04/23/94 Produced 632 MCF, 408 BW @ 160# FTP & 275# SICP, shut-in test finished.
