

30039 23588

October 22, 1993

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Williams Production Company  
ROSA UNIT #105 (G1/Dk)  
940' FSL, 960' FEL  
Sec. 22, T31N, R4W  
Rio Arriba County, NM  
SF-078893

**PLUG AND ABANDONMENT REPORT**

**Cementing Summary:**

Cement retainer set at 8671'; establish rate into Dk perms.

Plug #1 from 8836' to 8671' with 28 sxs Class B cement, squeeze 23 sxs below CR and spot 5 sxs above.

Cement retainer set at 7661'; establish rate into Gallup perms.

Plug #2 from 8182' to 7661' with 109 sxs Class B cement, squeeze 49 sxs below CR then pressured up to 1400#, pull out of CR and spot 60 sxs above up to 6581'.

Plug #3 from 6291' to 6128' with 12 sxs Class B cement

Plug #4 from 4107' to 2959' with 85 sxs Class B cement.

Plug #5 from 1890' to 1701' with 14 sxs class B cement.

Perforate 2 holes at 483'. Attempt to establish circulation out bradenhead, pressured up to 700#. RIH with tubing to 521'.

Plug #6 from 521' to surface with 48 sxs Class B cement, circulate good cement out casing.

**Plugging Summary:**

10-15-93 Drive rig and equipment to location. Rig up and spot equipment.

10-18-93 Safety meeting. Lay out relief line to pit; bleed well down for three hours. ND wellhead and attempt to release packer. Work packer until able to move it slowly up hole. POH and tally 2-3/8" tubing, packer dragging; LD packer. Pulled 272 joints tubing. Shut in well and SDFN.

