

Intermediate

**Dark Canyon #1
January 1997 Plug Back to the Strawn
Morning Report**

segments in the lower part of the packer that are not normally replaced during routine service. If these components are the source of the failure, there is likely to be very little recourse with vendor.

Discussion - Well control: The well did not experience any pressure after perforating. The well was checked 10 hours later and there was still no pressure. More than likely, the perforated interval is severely damaged and response is not expected until after the perforations are at least surged and/or stimulated.

1/29 Wed. Bled well down. Ran in hole with testing tubing. Set packer at 8382.77'. Nipple down BOP. Nipple up christmas tree. Drop bar, got 200 psi. Watched it flow back. Bled down to 60 psi. and stayed. Nipple up swab and tried to swab and didn't go down. Laid swab down. Shut in for night.

1/30 Thurs Check tubing pressure 1800# and casing pressure 20#. Open the well. Pressure dropped to 1000#. Shut in for night.

1/31 Fri Installed flange adapter and choke; Reconnected flowline; Opened well up; Flowing 222 MCF/D at 550# line pressure.

2/1 Sat Flowing 244 MCF/D @ 360# line pressure, riding the line.

2/2 Sun Flowing 216 MCF/D @ 350# line pressure, Shut in for buildup

2/3 Mon Blew well down to stock tank; Recovered 0.5 bbl water; Flowing at 10-15#

Discussion - Flowing Results: The chart on the well appears steady and very little water was produced. More than likely, there is not going to be significant additional cleanup from surging the perforations. The well will be stimulated with acid. Drawdown testing will not be done because of the low rates and the shows of gas in the Strawn in other wells.

Discussion - Pump: The pump was truck with rods to ACU #406 location and picked up by Don-nan Pump and Supply. After the tear down, the pump was found to be

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