

June 11, 1984

Re: Wildcat Oilwell

Midas #1, Sec. 3, T13N, R15E,
San Miguel Co., NM

Present Status: Temporarily Abandon

The decision has been made to plug this well - probably sometime this summer. Because of the large amount of acid pumped into the perforated zones, it is probable that considerable damage has been done to the cement. For this reason it is recommended that in plugging the well that cement be forced into the perforated zones under high pressure in order to seal off these zones.

313 feet of surface casing was set, but the first good flow of water was encountered at the depth of 390 feet. The spring approximately 1800 feet northeast of the well has flowed continuously as long as the local residents can remember. It kept a large pond filled and there was continuous overflow.

After the zone at 390 was drilled into and some of the lower zones were opened-up, the spring dried-up. At that point the well was being drilled with air and water. At the depth of 1920 feet the operator mudded-up which effectively sealed-off the well and the spring started to flow again.

After casing was run and the zones perforated and acidized, the spring dried-up again. The spring is still dry and will probably not start flowing again until the well is properly plugged, that is until all the perforations are squeezed-off.

Perforations (2 shots per foot) :

480 to 490	= 10 ft.
510 to 530	= 20 ft.
880 to 890	= 10 ft.
925 to 935	= 10 ft.
1335 to 1375	= 40 ft.
1460 to 1530	= 70 ft.
1754 to 1814	= 60 ft.
Total	<u>220 ft.</u>