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DISPOSAL WELL WORKOVER

Tuesday, August 14, 1979, work was started on #1 Disposal Well.

- 1) Pumped 100 Barrels of fresh water down 7" casing.
- 2) Pulled 4 1/2" 8 round tubing. Some of the tubing will have to be replaced. Inside plastic coating came loose on approximately 15 joints.
- 3) Ran 6 1/4" bit and scraper in 7" casing on 2 7/8" tubing. Pulled bit and scraper out of hole.

Wednesday - August 15, 1979

- 1) Ran retrievable bridge plug set at 3000' level pressure test 500#.
- 2) Perforation at 2395' level. There was a collar located at the 2400' recommended level.
- 3) Broke circulation fairly easy, but did not get good return. Four barrels per minute in only 1 1/2 barrels per minute return.

Thursday - August 16, 1979

- 1) Pumped 450 sacks cement in 2395' perforations. Would not squeeze.
- 2) Let well set six hours, then ran temperature survey.
Survey showed that the cement came to 1070' level from surface.

Friday - August 17, 1979

- 1) Perforate at 1000' level
- 2) Pumped 200 sacks cement to surface. Squeezed to approximately 800# to 900#. Let well set 24 hours to cure cement.

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Saturday - August 18, 1979

- 1) Pull 2 7/8" out of hole
- 2) Laid down 4 1/2" casing so that bad tubing could be sorted and sent in to be recoated.

Sunday - August 19, 1979

Did not work

Monday - August 20, 1979

- 1) Rig up reverse drilling unit. Commenced drilling cement out of 7" casing
Drilled all day

Tuesday - August 21, 1979

- 1) Continued drilling cement and EZ-SV drill squeeze packer out of 7" casing

Wednesday - August 22, 1979

- 1) Drilling completed on 7" casing
- 2) Pressure test 7" casing to 500# - no leaks
- 3) Lowered 2 7/8" tubing and bit down to top of bridge plug
- 4) Washed sand off of bridge plug with reverse unit
- 5) Latched on to bridge plug with 2 7/8" tubing. Pulled out of hole and lay down 2 7/8" tubing

Thursday - August 23, 1979

- 1) All planned work completed. Started in hole with 7' retrievable plastic coated packer and 4 1/2" casing

- 2) All 4 1/2" tubing in hole but the fifteen joints that will have to be replaced. This tubing is on order and is scheduled for delivery Thursday, August 30, 1979. No work will be done until that time.

Wednesday - August 29, 1979

- 1) 4 1/2" tubing arrived from plastic coaters
- 2) Called out pulling unit. Put remainder of 4 1/2" tubing in hole. Packer set at 40,831 feet.
- 3) Pumped inhibited water into 7" casing to protect 4 1/2" tubing. 100# psig.

Thursday - August 30, 1979

Well returned to disposal service. All work went satisfactorily. There were no signs of any leaks.