

NELSON NO. H-30

Location:	400' FNL & 880' FSL	Perfs.:	658'-676'
	Sec. 28, T26S R21E		682'-686'
	Allen County, KS		691'-702'
			705'-710'

Seating Nipple @ 688'

August 8, 1994: To Determine T.D. of Producing Well

Ran steel measuring line to T.D. of 696'.

June 10, 1996:

Used Company pulling unit and pulled subsurface pump equipment. Ran 1", 4-hole jet bit, Skinner box and pumping tee.

Used Faith Drilling compressor and blew well down to 695.5'. Hit a bridge and was able to wash only to 698'. On metal, pulled 1" and jet bit. The bottom of the jet bit indicated metal in hole, looking up, to be smaller than 1" coupling.

Ran 1" pipe with female taper tap on bottom. Got ahold of fish but could not pull it with Company Smeal unit. Rigged down.

Rigged up Faith pulling unit and pulled 1" pipe with female tap and a 10' weighted steel anchor. Top threads of the weighted anchor were corroded, with the threads almost eaten away. The male threads on the bottom were in good condition. This was an indication that there was another weighted anchor in the hole. Rigged down Faith unit.

Rigged up Company pulling unit and ran 20' wash over tool on 1" pipe to 700'. Used Faith compressor to blow down wash over tool to 720'. Pulled 1" pipe and 20' wash over tool and found a split 1" 1 1/2 thread coupling inside. Ran 1" pipe with 1" jet bit and blew down to 731'. Pulled 1" and jet bit to 710'. Dumped one gallon of Goldtreat, one gallon of ESA-91 and two gallons ESA-96 down 1" pipe and flushed with 42 gallons of treated water. Pulled 1" and jet bit. Ran rebuilt subsurface pump and 1". Rigged down.

June 14, 1996:

Started pumping into water truck tank. Turned into lead line. At 7:30 p.m., well not pumping. Checked CT-3 unit and pushed start button. Unit started pumping. Increased ampere setting to 2.2 amps.

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September 12, 1996:

Using Echometer, ran fluid level at 603'.

NOTE: This well has been a solid producer with an estimated cumulative production of 22,400 barrels of oil to December, 1998. It has received a new kick in total fluid and oil production starting in October, 1998. The last well test on 12/31/98: 3.4 barrels oil, 89.1 barrels of water.

January 29, 1999:

OBJECTIVE: To ream and clean casing. Cup holddown would not pass through

Rigged up Company pulling unit and pump truck and A & A Well Service rotary table. Ran 2 7/8" reaming bit on 1" tubing with 50' tailpipe below and jet bit on bottom. Reamed and cleaned pipe to a depth of 250'. Pulled work string and shut down over weekend.

February 1, 1999:

Well had shut-in pressure of 80 PSI. Ran same assembly and reamed casing to seating nipple at 688' and washed to 738'. Dropped ball and jetted perforations from 710'-658' using average 750 PSI pump pressure. Used one gallon ESA-50 chemical additive in 30 barrels of clean injection water for wash fluid. Pulled work pipe and ran new 1" 10RD pump string with cup holddown pump. Placed well on production.

February 9, 1999:

Well test: 6.8 BO, 128.5 BW