

Operator <u>Gates Petr Corp</u>		Lease <u>Cooper "AHH"</u>		Well # <u>1</u>	
Location of Well	Unit <u>F</u>	Section <u>1</u>	Township <u>20</u>	Range <u>24</u>	County <u>Eddy</u>
Drilling Contractor	<u>NA Exeter rig #66</u>		Type of Equipment <u>Rotary</u>		

APPROVED CASING PROGRAM

* Witness

Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<u>14 3/4</u>	* <u>9 5/8</u>	<u>36 # J-55</u>		<u>1300</u>	<u>950 Circ</u>
<u>8 3/8</u>	<u>7</u>	<u>20 + 23 #</u>		<u>TD</u>	<u>400</u>
		<u>S-95 + N-80</u>			

Casing Data:

Surface _____ joints of 9 5/8" inch 36 # Grade J-55

(Approved) (Rejected)

Inspected by M.S. date 5-9-90

Cementing Program

Size of hole 14 3/4" Size of Casing 9 5/8" Sacks cement required _____Type of Shoe used guide Float collar used _____ Btm 3 jts welded _____TD of hole 1220' Set _____ Feet of _____ Inch _____ # Grade _____(New) used csg. @ _____ with 200 c/c sacks neat cement around shoe+ 900 sac pacesetter Lite additives (10 # hyseal, 1/2 # celoseal, 370cc)Plug down @ 9:30 (AM) (PM) Date 5-10-90Cement circulated Yes No. of Sacks 200 srCemented by Western Company Witnessed by Mike Stubblefield

Temp. Survey ran @ _____ (AM) (PM) Date _____ top cement @ _____

Casing test @ _____ (AM) (PM) Date _____

Method Used _____ Witnessed by _____

Checked for shut off @ _____ (AM) (PM) Date _____

Method used _____ Witnessed by _____

Remarks: _____