

Operator <u>Harvard Petr Corp</u>		Lease <u>H + S State</u>		Well # <u>2</u>	
Location of Well	Unit <u>B</u>	Section <u>24</u>	Township <u>19</u>	Range <u>27</u>	County <u>Eddy</u>
Drilling Contractor	<u>United Drilling</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
12 1/4	* 8 5/8	24 #		310	200
7 7/8	5 1/2	15.50 #		2000	250

Casing Data:

Surface \_\_\_\_\_ joints of 8 5/8" inch 24 # Grade J-55(Approved) (Rejected)Inspected by M.S. date 11-26-90

Cementing Program

Size of hole 12 1/4" Size of Casing 8 5/8" Sacks cement required \_\_\_\_\_Type of Shoe used guide Float collar used No Btm 3 jts welded yesTD of hole 330' Set 330' Feet of 8 5/8 Inch 24 # Grade J-55New-used csg. @ 330' with 200 32.00 sacks neat cement around shoe

+ \_\_\_\_\_ sax \_\_\_\_\_ additives \_\_\_\_\_

Plug down @ 3:00 (AM) (PM) Date 11-26-90Cement circulated Yes No. of Sacks 105xCemented by Halliburton 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: \_\_\_\_\_