

Operator <u>Phillips Petr. Co.</u>		Lease <u>James A</u>		Well # <u>9</u>	
Location of Well	Unit <u>A</u>	Section <u>2</u>	Township <u>22</u>	Range <u>30</u>	County <u>Eddy</u>
Drilling Contractor	<u>NA</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
17 1/2	13 3/8	54.5# K-55		400	650
12 1/4	* 8 5/8	24# K-55		3500	1200
7 7/8	5 1/2	15.5# K-55		7500	900

Casing Data:

Surface _____ joints of 13 3/8 inch 48 # Grade H-40

(Approved) (Rejected)

Inspected by _____ date _____

Cementing Program

Size of hole 17 1/2" Size of Casing 13 3/8" Sacks cement required _____Type of Shoe used guide Float collar used yes Btm 3 jts welded yesTD of hole 400' Set 400' Feet of 13 3/8 Inch 48 # Grade H-40(New-used) csg. @ 400' with 200 27cc sacks neat cement around shoe

+ _____ sack _____ additives _____

Plug down @ 5:15 (AM) (PM) Date 5-31-90Cement circulated yes No. of Sacks 210 srCemented 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: _____