

Operator <u>Phillips Petroleum Co.</u>		Lease <u>James A</u>		Well # <u>10</u>	
Location of Well	Unit <u>N</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>		

* Witness

APPROVED CASING PROGRAM

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 _____ inch _____ # Grade _____
 _____ (Approved) (Rejected) _____

Inspected by _____ date _____

Cementing Program

Size of hole 12 1/4 Size of Casing 8 5/8 Sacks cement required 1200

Type of Shoe used guide Float collar used yes Btm 3 jts welded yes

TD of hole 3500 Set 3500 Feet of 8 5/8 Inch 24 # Grade K-55

New used csg. @ 3500 with 200 sacks neat cement around shoe

+ 1000 sack Class C additives 20% Def with 23% salt

Plug down @ 10:30 (AM) (PM) Date 5/16/90

Cement circulated yes No. of Sacks 440 to pit

Cemented by Halliburton Witnessed by [Signature]

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: _____

81 joints 8 5/8

8 centralizers

Full return