

Operator <u>Gates Petr. Corp</u>		Lease <u>Sara "AHA"</u>		Well # <u>2</u>	
Location of Well	Unit <u>H</u>	Section <u>15</u>	Township <u>20</u>	Range <u>24</u>	County <u>Eddy</u>
Drilling Contractor	<u>Undesignated</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
<u>14 3/4</u>	<u>* 9 5/8</u>	<u>36# J-55</u>		<u>1200</u>	<u>925 Circ</u>
<u>8 3/4</u>	<u>7</u>	<u>26# K-55 & N-80 K-55</u>		<u>TD</u>	<u>400</u>

Casing Data:

Surface _____ joints of 9 5/8 inch 36 # Grade J-55Approved (Rejected)Inspected by M.S. date 6-27-90

Cementing Program

Size of hole 14 3/8" Size of Casing 9 5/8" Sacks cement required _____Type of Shoe used guide Float collar used insert Btm 3 jts welded yesTD of hole 1211' Set 1211' Feet of 9 5/8" Inch 36 # Grade J-55New used csg. @ 1211' with 200 27cc sacks neat cement around shoe+ 700 sac pacesetter Lite additives 1/4" celoseal, 5# gilsonite, 270ccPlug down @ 3:45 (AM) (PM) Date 6-27-90Cement circulated yes No. of Sacks 65 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: _____

Full returns To TD.

No Baskets or centralizers

Last drlg break @ 1050'