

FIELD REPORT FOR CEMENTING OF WELLS

OIL CONSERVATION DIVISION

30-015-28148

Operator <u>Gates Petr. Corp.</u>		Lease <u>Patriot "A12"</u>		Well # <u>5</u>	
Location of Well	Unit <u>0</u>	Section <u>21</u>	Township <u>19</u>	Range <u>25</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
<u>11 3/4</u>	<u>* 9 5/8</u>	<u>36# J-55</u>		<u>1150'</u>	<u>1100 Circ</u>
<u>8 3/4</u>	<u>7</u>	<u>23# J-55</u> <u>26# N-80</u>		<u>3300'</u> <u>TD</u>	<u>1350</u>

Casing Data:

Surface 24 joints of 9 5/8 inch 36 # Grade J-55

(Approved) (Rejected)

Inspected by Mike Stubblefield date 12/9/94

Cementing Program

Size of hole 14 3/4 Size of Casing 9 5/8 Sacks cement required 1100Type of Shoe used Guide Float collar used Btm 3 jts welded yesTD of hole 1157 Set 1169 Feet of 9 5/8 Inch 36 # Grade J-55New-used csg. @ with 200/220 sacks neat cement around shoe+ 800 sack PSL "C" / 32 cc additives 10# 5X gibbsite, 1/4# CalfboardPlug down @ 10:30 (AM) (PM) Date 12/10/94Cement circulated yes No. of Sacks 198 sxs to pitCemented by Western & Co. Witnessed by Gay WilliamsTemp. 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: 2- csg. - lost circ At 462 ft - got full returnsAt 1047 ft