

FIELD REPORT FOR CEMENTING OF WELLS

OIL CONSERVATION DIVISION

30-015-28409

Operator <u>Gates Petr. Corp.</u>		Lease <u>Patriot "AIZ"</u>		Well # <u>10</u>	
Location of Well	Unit <u>N</u>	Section <u>21</u>	Township <u>19</u>	Range <u>25</u>	County <u>Eddy</u>
Drilling Contractor	<u>NA Exeter Rig 66</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>14 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# 26#</u>		<u>8300 TD</u>	<u>1350 Circ</u>
		<u>J-55, N-80</u>			

Casing Data:

Surface 29 joints of 9 5/8 inch 36 # Grade J-55

API (Approved) (Rejected)

Inspected by Ken Livingston date 4-14-95

Cementing Program

Size of hole 14 3/4 Size of Casing 9 5/8 Sacks cement requiredType of Shoe used Tex Pat. Float collar used Insert Btm 3 jts welded yesTD of hole 1163 Set Feet of Inch 36 # Grade J-55New-used csg. @ with ^{200sx} 2 1/2% Cack sacks neat cement around shoe+ 1000 sack Pacesetter C additives 6% Gell, 10% 1/2" x Gilsonite, 3% Cack, 1/4" x celloPlug down @ 8:45 (AM) (PM) Date 4-14-95Cement circulated NO No. of SacksCemented by Western Witnessed by Ken LivingstonTemp. Survey ran @ 1:00 (AM) (PM) Date 4-15-95 top cement @ ?

Casing test @ (AM) (PM) Date

Method Used Witnessed by

Checked for shut off @ (AM) (PM) Date

Method used Witnessed by

Remarks: L.C. 383' L.B. 1040' R.T. 39 1/2 hr.

- Lead c/w 200sx, H, 2% Cack, 12lb thick set, 10" sx Gilsonite, 1/4" sx cello seal
start washing @ 21 J+ 990 stuck work pipe from 9:00 AM 6:00 PM
7hr 1040' 2hr stuck Lost 10" c/w @ 1030'

8:45 Plug down

1:30 RIH w/L Temp. Survey ?

4:00 RIH 1' TOC 275'

1st C/W 125 SX C 2% CaCl₂

5:00 RIH 1' TOC 245'

2nd C/W 220 SX C 3% CaCl₂

6:00 RIH 1' TOC 110'

3rd C/W 125 SX C 3% CaCl₂

7:00 RIH 1' TOC 110'

4th C/W 100 SX C 3% CaCl₂

9:00 RIH 1' TOC 105'

5th C/W 100 SX C 3% CaCl₂

11:00 RIH 1' TOC 85'

P/G 27rds

6th C/W 120 SX C 3% CaCl₂

1:00 Circ C to pit 10 SX