

FIELD REPORT FOR CEMENTING OF WELLS

OIL CONSERVATION DIVISION

Operator <u>Southland Royalty Co.</u>		Lease <u>Duffield "16" ST.</u>		Well # <u>1</u>	
Location of Well	Unit <u>N</u>	Section <u>16</u>	Township <u>16</u>	Range <u>27</u>	County <u>Eddy</u>
Drilling Contractor			Type of Equipment <u>Rotary</u>		
<u>APPROVED CASING PROGRAM</u>					
Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<u>17 1/2"</u>	<u>13 3/8"</u>	<u>48#</u>	<u>350'</u>	<u>350'</u>	
<u>12 1/4"</u>	<u>8 5/8"</u>	<u>24#</u>		<u>750</u>	
<u>7 7/8"</u>	<u>4 1/2"</u>	<u>10.5# 11.6#</u>			
Casing Data:					
Surface _____ joints of _____ inch _____ # Grade _____ (Approved) (Rejected) _____					
Inspected by _____ date _____					
Cementing Program					
Size of hole <u>12 1/4"</u> Size of Casing <u>8 5/8"</u> Sacks cement required _____					
Type of Shoe used <u>guide</u> Float collar used <u>insert</u> Btm 3 jts welded <u>yes</u>					
TD of hole <u>1500'</u> Set <u>1500'</u> Feet of <u>8 5/8"</u> Inch <u>24</u> # Grade <u>J-55</u>					
<u>New</u> used csg. @ <u>1500'</u> with <u>250</u> sacks neat cement around shoe + <u>450</u> sax <u>Hal. lite</u> additives <u>1/4# floreal</u>					
Plug down @ <u>3:30</u> (AM) (PM) Date <u>8/6/85</u>					
Cement circulated <u>yes</u> No. of Sacks <u>120</u>					
Cemented by <u>Halliburton</u> Witnessed by <u>Mild Steelfield</u>					
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.					
<u>Centrifuges @ 1485'-1420'-1360'-1300'-1240'-1180'</u> <u>last daily break @ 1320'</u>					