

Operator <u>Morexco, Inc</u>			Lease <u>Mary Wolf State</u>		Well # <u>4</u>
Location of Well	Unit <u>N</u>	Section <u>12</u>	Township <u>19</u>	Range <u>27</u>	County <u>Eddy</u>
Drilling Contractor	<u>United Drilling</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>12 1/4</u>	<u>* 8 5/8</u>	<u>24 #</u>		<u>320</u>	<u>300</u>
<u>7 7/8</u>	<u>5 1/2</u>	<u>10.5 - 15.5 #</u>		<u>2400</u>	<u>450</u>

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 _____

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

TD of hole 365' Set 365' Feet of 8 5/8" Inch 24 # Grade J-55

~~New~~ used csg. @ 365' with 310 220g sacks neat cement around shoe
 + _____ sax _____ additives _____

Plug down @ 9:00 (AM) (PM) Date 11-14-89

Cement circulated No No. of Sacks - 0 -

Cemented by Western Company Witnessed by Mike Sallfield

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: * Ran 100' tape after plug was down.

Cement was located @ 20'.

Ready mixed to surface using 4 yds readymix

1 centralizer @ 280'

Water @ 190'