

FIELD REPORT FOR CEMENTING OF WELLS

OIL CONSERVATION DIVISION

Operator <u>Arco Oil & Gas Co.</u>		Lease <u>State "2"</u>		Well # <u>5</u>	
Location of Well	Unit <u>M</u>	Section <u>2</u>	Township <u>19</u>	Range <u>30</u>	County <u>Eddy</u>
Drilling Contractor	<u>NA</u>		Type of Equipment <u>Rotary</u>		

APPROVED CASING PROGRAM

* Witness - Potash Area

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>700</u>	<u>430</u>
<u>12 1/4</u>	<u>* 8 5/8</u>	<u>24</u>		<u>1800</u>	<u>900</u>
<u>7 7/8</u>	<u>5 1/2</u>	<u>15.5</u>		<u>3200</u>	<u>350</u>

Casing Data:

Surface _____ joints of 13 3/8 inch 54.5 # Grade 15-55
 (Approved) (Rejected)

Inspected by M.S. date _____

Cementing Program

Size of hole 17 1/2" Size of Casing 13 3/8" Sacks cement required _____

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

TD of hole 685' Set 685' Feet of 13 3/8 Inch 54.5 # Grade 15-55

New used csg. @ 685' with 250 22% sacks neat cement around shoe

+ _____ sack _____ additives _____

Plug down @ 9:30 (AM) (PM) Date 9-12-90

Cement circulated No No. of Sacks - 0 -

Cemented by Dowell Witnessed by Mike Stubblefield

Temp. Survey ran @ 3:30 (AM) (PM) Date 9-13-90 top cement @ 310'

Casing test @ _____ (AM) (PM) Date _____

Method Used _____ Witnessed by _____

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

Method used _____ Witnessed by _____

Remarks: _____

* Run 1" Tubing + tagged to 315'

Pumped 365 sx CI (L. cement circ.

to surface.

Lost circulation > 410' + regained 60% returns