

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ARTESIAN WELL REGISTRATION

FIELD REPORT ON CEMENTING OF WELLS

Operator <u>Cities Service Co.</u>		Lease <u>State Cr. Com.</u>		Well #/ <u>1</u>	
Location of Well	Unit <u>18300 19800</u>	Section <u>9</u>	Township <u>21</u>	Range <u>27</u>	County <u>Eddy</u>
Drilling Contractor			Type of Equipment <u>Rotary & Start approx. 4-15-74</u>		

APPROVED CASING PROGRAM

Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<u>17 1/2"</u>	<u>15 3/8"</u>	<u>48"</u>		<u>610</u>	<u>450 cu.</u>
<u>12 1/4"</u>	<u>9 3/4"</u>	<u>36"</u>		<u>2970</u>	<u>1900 "</u>
<u>8 3/4"</u>	<u>5 1/2"</u>	<u>17+20</u>		<u>11650</u>	<u>1000</u>

Casing Data:

Surface 67 joints of 9 5/8 inch 32,40 # Grade API New N-80 H-40
(Approved) (Rejected)

Inspected by J. A. Hermes date 6-7-74

Cementing Program

Size of hole 12 1/4" Size of Casing 9 3/4" Sacks cement required 1125

Type of Shoe used End Float collar used Yes Btm 3 jts welded thread lock

ID of hole 2980 KB Set 2960 E of 9 5/8 inch 32,40 # Grade N-80-H-40

New-used csg. @ 2960 lb with 3400 sacks neat cement around shoe Class C 2% cc 14.8

+ 825 sack Heavy Lite additives 1/2" Grade 5" Silicate 2% cc 12.8-12.0

Plug down @ 8:00 (AM) (PM) Date 6-7-74

Cement circulated N.S. No. of Sacks

Cemented by Halliburton Witnessed by J. A. Hermes

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: Lost returns 96.5 - 1160 completely, Got back 2000'

Left 1/2 full of cut except for 22 bbls w/ released plug, Purse 2300'
will plug up and plug all except last 500' and wait 72 hr.
than plug out, Run Bond Log, and one inch shut.

Ran Bond Log 10:00 AM 6-9-74 Top cut 1840'

Ran one inch to 1054' Nit bridge washed from
4:10 PM to 5:15 PM Could not wash through.

cut 50/64 Class C 4% cc PD 3:30 PM

Tagged at 7:30 PM top 96.3 cut 100/64 Class C 4% cc

pulled 7 doubles and cut 100/64 Class C 2% cc PD

10:00 PM 6-9-74 cut 10/64