

Operator <u>H. L. Brown Jr</u>		Lease <u>State Com "8"</u>		Well # <u>1</u>	
Location of Well	Unit <u>L</u>	Section <u>8</u>	Township <u>21-S</u>	Range <u>27-E</u>	County <u>Eddy</u>
Drilling Contractor	<u>N.A.</u>		Type of Equipment <u>Rotary</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>13 3/8"</u>	<u>48 #</u>		<u>600'</u>	<u>circ.</u>
<u>12 1/4"</u>	<u>8 5/8"</u>	<u>24 #</u>		<u>2600'</u>	<u>oo</u>
<u>7 7/8"</u>	<u>5 1/2"</u>	<u>15.5 #</u>		<u>3800'</u>	<u>2600'</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 2600' Set 2600' Feet of 8 5/8" Inch 24 # Grade J-55

New-used csg. @ 2600' with 300 2% cc sacks neat cement around shoe
 + 800 sax Hall. Lite additives (2% cc, 5# gilsonite, 1/4# f/oseal)

Plug down @ 8:30 (AM) (PM) Date 2-4-89

Cement circulated No No. of Sacks - 0 -

Cemented by Halliburton Witnessed by Mike Stubblefield

Temp. Survey ran @ 2:30 (AM) (PM) Date 2-4-89 top cement @ 1200'

Casing test @ (AM) (PM) Date

Method Used Witnessed by

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

Method used Witnessed by

Remarks:

3 centralizers Lost circ. @ 1200'

1. Ran 1" Tubing + Tagged toc @ 1240' w/50sx

2. Ran 1" Tubing + Tagged toc @ 1373' w/125sx

3. Ran 1" Tubing + Tagged toc @ 1373' w/35sx

4. Ran 1" Tubing + Tagged toc @ 1447' w/35sx

5. Ran 1" Tubing + Tagged toc @ 1447' w/35sx

6. Ran 1" Tubing + Tagged toc @ 1351' w/35sx

7. Ran 1" Tubing + Tagged toc @ 1402' w/50sx

8. Ran 1" Tubing + Tagged toc @ 1402' w/35sx

9. Ran 1" Tubing + Tagged toc @ 1341' w/35sx

10. Ran 1" Tubing + Tagged toc @ 1289' w/50sx

11. Ran 1" Tubing + Tagged toc @ 1259' w/35sx

12. Ran 1" Tubing + Tagged toc @ 1280' w/50sx

13. Ran 1" Tubing + Tagged toc @ 1210' w/50sx

14. Ran 1" Tubing + Tagged toc @ 1081' w/50sx gravel

15. Ran 1" Tubing + Tagged toc @ 766' w/80sx

16. Ran 1" Tubing + Tagged toc @ 454' w/180sx
 cement circulated to surface.

Total 930 sx cement

27 peagravel