

WELL NAME: Hardy 36 State No. 1

C E M E N T I N G      P R O G R A M

SURFACE CASING STRING

LEAD	<u>250</u>	sxs	Class <u>C</u>	Mixed at <u>13.6</u> ppg
Additives	<u>4 % Gel + 2 % A-7</u>			
TAIL	<u>250</u>	sxs	Class <u>C</u>	Mixed at <u>14.8</u> ppg
Additives	<u>2 % A-7</u>			

1st INTERMEDIATE CASING STRING

LEAD	<u>1000</u>	sxs	Class <u>C</u>	Mixed at <u>13.1</u> ppg
Additives	<u>15 pps Salt + 1/4#/sx celloflake</u>			
TAIL	<u>250</u>	sxs	Class <u>C</u>	Mixed at <u>14.8</u> ppg
Additives	<u>2 % CaCl2</u>			

2nd INTERMEDIATE CASING STRING

LEAD	<u>          </u>	sxs	Class <u>          </u>	Mixed at <u>          </u> ppg
Additives	<u>          </u>			
TAIL	<u>          </u>	sxs	Class <u>          </u>	Mixed at <u>          </u> ppg
Additives	<u>          </u>			

PRODUCTION CASING STRING

LEAD	<u>700</u>	sxs	Class <u>H</u>	Mixed at <u>12.7</u> ppg
Additives	<u>          </u>			
TAIL	<u>250</u>	sxs	Class <u>H</u>	Mixed at <u>14.6</u> ppg
Additives	<u>2% Gel + 1% Flobloc + .3 % R-3</u>			