

AQP Well Procedure

CASING PROGRAM

Lease: Tippin Ranch Unit

Well No.: 1

Intermediate - Drill a 12 1/4" hole to 2500'+ and set 8 5/8" casing.

AMOUNT	SIZE	PIPE REQUIREMENT		GRADE	CONNECTION
		WT./FT.			
<u>1800'</u>	<u>8 5/8"</u>	<u>24.0</u>		<u>K-55</u>	<u>ST&C</u>
<u>700'</u>	<u>8 5/8"</u>	<u>32.0</u>		<u>K-55</u>	<u>ST&C</u>

CASING EQUIPMENT & PREPARATION

Run casing with a guide shoe, insert float with automatic fill, three centralizers, and 2 pounds thread compound.

Sandblast bottom 500 feet and clean threads.

CEMENT PROGRAM

Stage No.	Type & Additive Composition	SI. WT. #/gal.	SI. VOL. ft. ³ /sx.	Water gal./sx.	Pump Time	24 hr. Comp. St. psi @ degrees
<u>950</u>	<u>Halliburton Light</u>	<u>12.2</u>	<u>2.04</u>	<u>11.2</u>	<u>4:00+</u>	<u>225 @ 110</u>
	<u>5# Gilsonite 1/4# Flocele</u>					
<u>200</u>	<u>Class C 2% CaCl</u>	<u>14.8</u>	<u>1.32</u>	<u>6.3</u>	<u>1:50</u>	<u>2680 @ 110</u>

Remarks: _____