

AQP Well Procedure

CASING PROGRAM

Lease: Tippin Ranch Unit

Well No.: 1

Surface - Drill a 17 1/2" hole to 400'+ and set 13 3/8" casing.

Cement should be circulated to the surface.

PIPE REQUIREMENT				
<u>AMOUNT</u>	<u>SIZE</u>	<u>WT./FT.</u>	<u>GRADE</u>	<u>CONNECTION</u>
<u>400'</u>	<u>13 3/8"</u>	<u>48.00</u>	<u>H-40</u>	<u>ST&C</u>
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CASING EQUIPMENT & PREPARATION

Run casing with a guide shoe, 2 S-3 centralizers, 1 EZ-Lok clamp and
2 lb. Halliburton Weld "A".

Position centralizer on bottom with EZ-Lok Clamp.

CEMENT PROGRAM

Stage No.	Type & Additive Composition	Sl. WT. #/gal.	Sl. VOL. ft. ³ /sx.	Water gal./sx.	Pump Time	24 hr. Comp. St. psi @ degrees
<u>400</u>	<u>Class C 2% CaCl</u>	<u>14.8</u>	<u>1.32</u>	<u>6.3</u>		

Remarks: Use wood top plug to displace cement and leave 20 feet of cement
in the pipe, WOC + 6 hours and nipple up. WOC 18 hours before drilling.