

CASING PROGRAM

WORLDWIDE O.C.C.
10 11 64

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
17-1/2"	13-3/8"	.48	New	350'	350*
12-1/4"	9-5/8"	36 & 40	New	4800'	1200**
8-5/8"	2-7/8"	6.4	New	10,300	1800***
	2-7/8"	6.4	New	10,300	***
	2-7/8"	6.4	New	10,300	***

* 350 sacks Class "C" Neat w/accelerator

** 1200 sacks class "C" Neat

*** Externally clean casing & install centralizers over prospective pays. Pump plug on one string with acetic acid & water. Cement down remaining two strings with 600 sacks Class "C" 2% gel, containing friction reducer followed by 1200 sacks Class "C" 4% gel. Displace with acetic acid.

FORMATION TOPS EXPECTED

Anhydrite	1615'
Seven Rivers	3150'
San Andres	4445'
Glorieta	5995'
Abo	8005'
Wolfcamp	9345'
Lower Wolfcamp	9895'
Pennsylvanian	10,075'
Total Depth	10,300'