

Production Casing: (continued)

Cement is to be API class "H" containing 1% CFR-2 and 3# KCl per sack, mixed at 15.8 PPG, yield of 1.10 CF/sack. An estimated 970 sacks will be required to fill to 8900'.

After the plug is down, the 5 1/2" casing is to be cut off, equipment nipped down and the drilling rig released.

Completion:

A well service unit is to be moved in and if necessary drilling-out equipment rigged up to drill out to a depth sufficient to test any potential pay zone.

It is anticipated that the well will be a singly completed (Morrow gas) well. 2 7/8" OD, 6.50#/ft, N-80, EUE, 8 round thread tubing with ABC modified coupling is to be used with a suitable production packer. Tubing is to be inspected using a combination mechanical optical and magnetic particle inspection, full length.

Logging:

Logs are to be run prior to setting 5 1/2" OD casing. The types of logs will be determined by the geological department.

A PDC (GR-N) Log is to be run after drilling out inside the 5 1/2" OD casing to a depth sufficient to test any potential pay zone. The PDC Log is to be correlated to open hole logs to assist in perforating.

Drill Stem Test:

A maximum of three (3) DST's are anticipated, however, the exact number will be as required by the geological department when zones of interest are encountered.

Samples:

Ten foot samples from surface to total depth or as required by geological department.