

MUD PROGRAM

Surface to 9700' - Use fresh water
9700' to TD - Lows solids gel mud-weight 8.9 to 9.1
viscosity 32 to 40-water loss 10-15
BLOW OUT PREVENTER PROGRAM

To 8 5/8" casing point - 2 M-Rd Hydraulic. Below 8 5/8" casing point point 5M-S-Rd-A or 5M-SRRA with 5M choke manifold.
Test Frequency-Yellow jacket test blowout preventer immediately below intermediate casing point in addition there will be a blowout preventer practice each tower, each day.

CEMENT PROGRAM

- * 660 sx of Class "C", 2% Cal.Cl. (250% to circulate). Cement must circulate.
- ** 700 sx of 8% gel, 400 sx Class "C" 1% Ca Cl. (200% to circulate) Cement must circulate.
- ***400 sx TLW mixed at 12 ppg followed with 300 sx Class "C" with 10#/sk salt 4.8 ppg.
(150% to bring cement to 7000')

FORMATION TOPS EXPECTED

Capitan Reef	1,130'
Delaware Mt. Group	1,825'
Bone Spring	3,580'
Wolfcamp	7,275'
L. Wolfcamp Lime	7,900'
Cisco	8,460'
Morrow Clastics	10,080'
Total Depth	10,550'

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JUN 19 1972
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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D. C. C.
ARTESIA, OFFICE