

SUPPLEMENTAL DRILLING DATA

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HOLLY FEDERAL "A" #6

1. SURFACE FORMATION: Quaternary Alluvium

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	250'
Lamar Shale	3000'
Ramsey Sand	3025'
Olds Sand	3025'
Top Cherry Canyon	4150'
Top Brushy Canyon	5100'

3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Fresh Water	above 100'
Delaware (oil)	3025'
Brushy Canyon (oil)	5100' - 5150' - 5600' - 5650'
Lower Brushy Canyon (oil)	6150' - 6200'

4. PROPOSED CASING AND CEMENTING PROGRAM:

Casing program is shown on Form 9-331 C.

Hole for surface casing will be drilled to a depth below fresh water zones. 13-3/8" surface casing will be run to 350 feet, below all fresh water zones, and well into the Rustler anhydrite, (as established by cable tool drill samples obtained by operator in this area from his own wells), and will be cemented to the surface with 400 sacks of Class "C" cement w/1/2# floeal and 2% CaCl₂/sx. Operator will be glad to make a presentation to this effect on request. The pipe will be run open ended with the bottom joint belled out and notched with no centralizers and no plug used to displace the cement. 30-60' of cement will be left inside the pipe and at this depth there is virtually no uncertainty about the depth to which the cement has been displaced.

8-5/8" casing will be run and cemented at 2800 feet, prior to entering delaware section and will be cemented with 150 sacks of Class "C" cement at 2800 feet, tying same back into salt section.

5-1/2" casing will be run to total depth and will be cemented at a total depth if significant shows are encountered in the Brushy Canyon formation, with 1100 sacks Class "C" cement 50-50 poz in stages with DV tool set at 4600 feet plus or minus.

5. PRESSURE CONTROL EQUIPMENT:

Pressure control equipment will consist of at least at least 3000# double ram hydraulically controlled blow out preventer and a 3000# choke manifold. This pressure control equipment will be placed on the hole after the 8-5/8" casing has been set and cemented.

6. CIRCULATING MEDIUM:

The circulating medium will be fresh water down to 350 feet and cut brine water in the rest of the hole, which will saturate itself as the intermediate hole is drilled.