

SUPPLEMENTAL DRILLING DATA

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HUDSON FEDERAL WELL NO. 5

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

| | |
|--------------|-------|
| Anhydrite | 1350' |
| Top Salt | 1500' |
| Base Salt | 2800' |
| Top Yates | 3050' |
| Top 7-Rivers | 3500' |
| Top Queen | 4200' |

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

| | |
|-------|-----|
| Queen | Oil |
|-------|-----|

4. PROPOSED CASING AND CEMENTING PROGRAM:

8-5/8" 24# K-55 STC casing to be set at 400 feet in 12-1/4" hole.
Casing to be cemented with 200 sacks of Class "C" with 2% CaCl.
Cement to circulate.

4-1/2" 9.5# K-55 STC casing to be set at total depth in 7-7/8" hole.
Casing to be cemented with 300 sacks of Class "C". Cement to fill
600 feet above top of Queen.

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment, while drilling below the 8-5/8" casing
seat, will be a 3000 psi working pressure stack. A BOP sketch is attached.

6. CIRCULATING MEDIUM:

Surface to 400 feet: Fresh water spud mud. Viscosity 30 to 36 as
required for hole cleaning.

400 feet to total depth: Water base drilling fluid conditioned as
necessary for control of viscosity, pH,
and water loss. Weight 9.4 to 10.
Viscosity 38 to 45. pH 9 to 10.
Filtrate 6 to 15.