

SUPPLEMENTAL DRILLING DATA

UNION OIL COMPANY OF CALIFORNIA

WELL NO.2 WERSELL FEDERAL

1. SURFACE FORMATION: Rustler (Permian)

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Delaware	1690'
Top Manzanita	2740'
Lower Tracey Sand	3340'
Upper Pay Sand	4390'
Lower Pay Sand	4460

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Delaware	Oil
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4. PROPOSED CASING AND CEMENTING PROGRAM:

<u>CASING SIZE</u>	<u>SETTING DEPTH</u>		<u>WEIGHT</u>	<u>GRADE</u>	<u>JOINT</u>
	<u>FROM</u>	<u>TO</u>			
8-5/8"	0	400'	24#	K-55	STC
5-1/2"	0	4650	15.5#	K-55	STC

8-5/8" casing will be cemented with sufficient Class "C" cement to circulate.

5-1/2" casing will be cemented with sufficient Light cement, tailed-in with 350 sacks of Class "C" cement, to circulate.

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment while drilling below the 8-5/8" casing seat will consist of 3000 psi working pressure, dual, ram type preventers and a 3000 psi working pressure annular type preventer.

BOP sketch is attached.