



3000 N. GARFIELD, SUITE 210
MIDLAND, TEXAS 79701

DRILLING, COMPLETION, PRODUCING OPERATIONS
OIL PROPERTY MANAGEMENT

OFFICE PHONE
(915) 684-6603



TEN POINT RESOURCE PROTECTION PLAN
D.C.B. Oil & Gas, Inc.
Federal "31" A No. 1

1. Surface Formation:

Quaternary & Triassic Wind Blown Sand

2. Geologic Markers (Estimated Top):

<u>Name or Type of Zone</u>	<u>Est. Top</u>
Base of Redbed	0' - 1,000'
Anhydrite	1,000' - 1,070'
Salt, Anhydrite, Shale	1,070' - 2,500'
Queen Sand	2,500' - 2,800'
Base of Queen Sand	2,800' - (Est. T.D.)

3. Water, Oil, & Gas Zones (Estimated Tops):

Water - None Known
Oil - 2,500'
Gas - None Known

4. Proposed Casing Strings (All New):

Depth	Size	Grade	Wts/ft.	Joint	Thread
350	8-5/8"	J-55	24	STC	8rd.
2,800	4-1/2"	J-55	10.5	STC	8rd.

Design Criteria: Tension - SF - 1.600
Collapse - SFC - 1.125
Burst - SFB - 1.000

Cementing:

All casing strings will be cemented with Premium Plus API cement designed for a minimum of 1,000 psi compressive strength. Volume used will be based on hole size, plus normal (for area) excess and/or caliper log hole size plus 20 percent and calculated cement yields.