



PETROLEUM DEVELOPMENT CORPORATION

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MULTI-POINT DRILLING PLAN

SHERRI-DAWN FEDERAL #1

660' FNL & 660' FWL, Sec. 15, T19S, R32E

Lea County, New Mexico

Leases: NM 063530: 160 acres

NM 025497: 480 acres

This supplemental plan is submitted with the Application to Drill the above-described well in compliance with NTL-6 of the United States Department of the Interior.

1. The surface is composed of a fine-grained sand, quarternary in age.
2. Estimated top of primary geologic markers are:

Rustler	1000	(+2650)
Salt	1220	(+2430)
Tansill	2680	(+ 970)
Yates	2820	(+ 830)
Seven Rivers	3050	(+ 600)
Queen	3900	(- 250)
Grayburg	4250	(- 600)
Delaware	5600	(-1950)
Bone Spring	7250	(-3600)
Wolfcamp	10490	(-6840)
Strawn	11495	(-7845)
Atoka	11940	(-8290)
Morrow	12210	(-8560)

Estimated KB Elevation: 3650

3. The estimated depths at which anticipated water, oil or gas bearing formations are to be encountered are:

1100'	Salt water	Rustler Dolomite
7250'	Oil	Bone Spring Lime
10490	Oil	Wolfcamp Lime
12580	Gas	Morrow Sand

4. Proposed casing program: See Form 9-331C
5. Pressure control equipment: See schematic, Exhibit "D". Before drilling the Wolfcamp formation, the BOP and related control equipment shall be pressure-tested to rated working pressures by an independent service company. The district office shall be notified in time to witness the tests. Pipe rams and the annular-type preventer shall be actuated at least once each 24 hours and the blind rams each time the drill pipe is out of the hole. Accumulators shall maintain a pressure capacity reserve at all times to provide for repeated operation of