

## APPLICATION TO DRILL

POGO PRODUCING COMPANY  
 FEDERAL "26" # 8  
 UNIT "H" SECTION 26  
 T22S-R31E LEA CO. NM

9. CEMENTING & SETTING DEPTH:

20"	Conductor	Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
10 3/4"	Surface	Set 800' of 10 3/4" 32.75# H-40 ST&C casing. Cement with 750 Sx. of Class "C" cement + additives, circulate cement to surface.
7 5/8"	Intermediate	Set 4300' of 7 5/8" 26.4# J-55 ST&C casing. Cement with 1000 Sx. of Class "C" cement + additives, circulate cement to surface.
4 1/2"	Production	Set 8500' of 4 1/2" 11.6# J-55 LT&C casing. Cement in in 3 stages with DV Tool at 6000'± & 4000'±. Cement with 1500 Sx. of Class "H" + additives, circulate cement to surface.

10. PRESSURE CONTROL EQUIPMENT: Exhibit "E". A Series 900 3000 PSI working pressure B.O.P. consisting of a double ram type preventor with a bag type annular preventor. The B.O.P. unit will be hydraulically operated. Exhibit "E-1". Choke manifold and closing unit. The B.O.P. will be nipped up on 10 3/4" casing and will be operated at least once each 24 hour period while drilling and blind rams will be operated when out of hole on trips. Full opening stabbing valve and upper kelly cock will be utilized. No abnormal pressure or temperature is expected while drilling.

11. PROPOSED MUD CIRCULATING SYSTEM:

Depth	Mud Wt.	Visc.	Fluid Loss	Type Mud System
40-800'	8.6-8.8	29-38	NC	Fresh water spud mud use paper to control seepage high viscosity sweeps to clean hole.
800-4300'	10.2-10.5	29-38	NC	Brine water use paper to control seepage and high viscosity to clean hole.
4300-8500'	8.6-8.8	29-38	NC	Fresh water, use paper to control seepage and high viscosity sweeps to clean hole.

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, or unexpected kicks. In order to run DST's, open hole logs, and casing the viscosity and/or water loss may have to be adjusted to meet these needs.