

APPLICATION TO DRILL

PLAINS PETROLEUM OPERATING COMPANY
BLUITT SAN ANDRES UNIT, WELL NO. 1301
660' FN&EL, SEC. 13, T8S, R37E
ROOSEVELT COUNTY, NEW MEXICO
LEASE NO.: 044216

In conjunction with Form 3160-3, Application to Drill above well, Plains Petroleum Operating Company submits the following in accordance with BLM requirements.

1. The estimated tops of geological markers are:
Surface Elevation:

<u>Formation</u>	<u>Depth (Top)</u>	<u>Fluid Content</u>
San Andres	3850'	
Pi Marker	4350'	
P ₁	4460'	Gas
P ₂	4600'	Oil
P ₃	4700'	Brine

2. Casing Program: (A) Surface Casing 8-5/8" 20# X42 used inspected
(B) Production Casing 5-1/2" 14# J-55 used inspected
3. Cementing Program: (A) 8-5/8" csg set at ^{700'}350' ±. Cemented to surface with 225 sx of Premium Plus 2% C₄C₂.
(B) 5-1/2" csg set at 4800' ±. Cemented to surface with 875 sx Halliburton Lite with 1/4# flocele & 15 lbs salt; followed by 225 sx Class "A" 50-50 pozmix, 5# salt/sk, 2% Gel.
4. Mud Program: 0 - ^{700'}350' Spud mud, FW, Gel
350'- 4500' Brine & native mud, mud at 9.4-10.2 ppg, vis. 32-40 SW for logs.