

APPLICATION TO DRILL

PLAINS PETROLEUM OPERATING COMPANY
E. C. HILL FEDERAL 'B' UNIT NO. 8
800' FSL & 1980' FEL, SEC 34-T23S-R37E
LEA COUNTY, NEW MEXICO
LEASE NO. 064118
August 5, 1992

In addition with Form 3160-2, Application to Drill the above well, Plains Petroleum Operating Company submits the following in accordance with BLM requirements.

1. ESTIMATED GEOLOGICAL MARKERS

<u>FORMATION</u>	<u>TOP</u>	<u>SS</u>
Queen Penrose	3391'	-140
Glorieta-Paddock	4913'	-1662
Blinebry	5281'	-2030
GL:	3251'	

2. CASING DETAIL

	<u>CASING SIZE OD</u>	<u>INTERVAL</u>	<u>LENGTH OF INTERVAL</u>	<u>WEIGHT #/FT</u>	<u>INTERVAL WEIGHT</u>	<u>CASING GRADE</u>	<u>JOINT</u>
Surface	8-5/8"	0-1175'	1175'	24#/Ft	28,200	K-55	STC
Production	5-1/2"	0-5850'	5850'	15.5#/Ft	90,675	K-55	LTC
Tubing	2-3/8"	0-5800'	5800'	4.7#/Ft	27,260	J-55	EUE