

APPLICATION TO DRILL

PLAINS PETROLEUM OPERATING COMPANY
E. C. HILL FEDERAL 'B' UNIT NO. 7
2110' FSL & 1980' FEL, SEC 34-T23S-R37E
LEA COUNTY, NEW MEXICO
LEASE NO. 064118

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>
Glorieta-Paddock	4930'	-1662
Blinebry	5295'	-2027
Tubb-Drinkard	5925'	-2657
ABO	6375'	-3107
Devonian	7230'	-3962

GL: 3268'

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	J-55	STC
Production	5-1/2"	0-6200'	6200'	15.5#/Ft	96,100	K-55	STC
	5-1/2"	6200'-7500'	1300'	17#/Ft	22,100	K-55	STC
Tubing	2-3/8"	0-7500'	7500'	4.7#/Ft	35,250	J-55	EUE

