

APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS WELL OR STRATIGRAPHIC HOLE
 (To be accompanied by a \$100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Bakersfield, CA, Oregon 6/10 1981

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 (L 1977)) application is hereby made for permit to drill a ^{{new well}~~{stratigraphic hole}~~ to be known as Quintana Petroleum Corp. Gath
 (company or operator) (lease)

Well No. 1 in SE $\frac{1}{4}$ of Sec. 16, T. 8S, R. 2W W.B.&M,
Field, Marion County.

Survey Coordinates: N 720' the W 836' from SE corner of Section 16.

Elevation of ground above sea level is 390.6 feet. All depth measurements are taken from top of Rotary Kelly Bushing, which is 14' above ground.

Lessee: Quintana Petroleum Corporation (farmout from Gulf Oil Corporation)

Address: 1603 California Ave., Room 105, Bakersfield, CA 93304

Lessor: F. Arthur Gath and F. Edward Gath

Address: 5484 Gath Rd. SE, Salem, Oregon 97302

We propose to use the following strings of casing and to land or cement them as herein indicated:

Size of hole	Size of casing	Weight in pounds per foot	Grade and type	New or second hand	Depth	Landed or cemented No. sacks cement
12-1/4"	8-5/8"	24.0	K-55, ST&C	New	800'	300 sx
7-7/8"	4-1/2"	11.6	K-55, LT&C	New	6,000'	700 sx

Proposed Depth: 6000' Objectives: Cowlitz Sands (Eocene)

Approved July 17, 19 81
 except as follows: The October 1980
stipulations approved by the
Governing Board of this Dept.
will be made a condition of
this permit.
 DEPT. OF GEOLOGY & MINERAL INDUSTRY
 By James Z. Olmstead Director
 PETROLEUM ENGINEER

Quintana Petroleum Corporation
 company or operator
 By Gary S Childress
Gary S. Childress
 Position West Coast Operations Manager
 Send communications regarding well to:
 Name Gary S. Childress
 Address 1603 California Ave., Room 105
Bakersfield, CA 93304

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with statewide goals.