

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland, Oregon 97201

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.)

Portland, Oregon August 4 19 80

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 OL 1977) application is hereby made for permit to drill a (new well) ~~(stratigraphic hole)~~ to be known as American Quasar Petroleum Co. Investment Management
(company or operator) (lease)

Well No. 20-11 in NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 20, T. 6N, R. 4W W.B.&M,
Wildcat Field, Columbia County.

Survey Coordinates: 4800.33' FSL & 671' FWL (see attached plat)

Elevation of ground above sea level is 651.38 feet. All depth measurements are taken from top of Kelly Bushing, which is approx. 12' above ground.

Lessee: American Quasar Petroleum Co.

Address: 1700 Broadway, Suite 707, Denver, Colo. 80290

Lessor: Investment Management Co.

Address: 1027 American Bank Bldg., Portland, Oregon 97265

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
9-7/8"	7"	23#	K55	New	500'	Cmt. to surf.
6 1/4"	4 1/2"	9.5#	K55	New	3000'	200 sx

Proposed Depth: 3000' Objectives: Eocene

American Quasar Petroleum Co.

company or operator

By John F. Works
Position Division Drilling Engineer

Send communications regarding well to:

Name American Quasar Petroleum Co.
Address 204 Superior Bldg., 201 N. Wolcott Casper, WY 82601

Approved September 5, 19 80
except as follows:

DEPT. OF GEOLOGY & MINERAL INDUSTRY

By _____ Director

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.

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland, Oregon 97201

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

Portland, Oregon August 4 19 80

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

Well No. 20-11 in NE 1/4 NW 1/4 of Sec. 20, T. 6N, R. 4W W.B.&M,
Wildcat Field, Columbia County.

Survey Coordinates: 4800.33' FSL & 671' FWL (see attached plat)

Correction: 1600' FWL & 4143' FSL

Elevation of ground above sea level is 651.38 feet. All depth measurements are taken from top of Kelly Bushing, which is approx. 12' above ground.

Lessee: American Quasar Petroleum Co.

Address: 1700 Broadway, Suite 707, Denver, Colo. 80290

Lessor: Investment Management Co.

Address: 1027 American Bank Bldg., Portland, Oregon 97265

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
9-7/8"	7"	23#	K55	New	500'	Cmt. to surf.
6 1/4"	4 1/2"	9.5#	K55	New	3000'	200 sx

Proposed Depth: 3000' Objectives: Eocene

Approved September 5, 19 80
except as follows: The February 27, 1979 stipulations approved by the Governing Board of the Department will be made a condition of this permit.
DEPT. OF GEOLOGY & MINERAL INDUSTRY
By _____ Director
GEOLOGIST

American Quasar Petroleum Co.

company or operator
By John F. Works
Position Division Drilling Engineer

Send communications regarding well to:
Name American Quasar Petroleum Co.
Address 204 Superior Bldg., 201 N. Wolcott Casper, WY 82601

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.