APPLICATION FOR PERMIT TO DRILL 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.)

JUL 07, 1980

DEPT. OF GEOLOGY & MINERAL INDUSTRIES

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) to be known as American Quasar Petroleum Co. Larkins (company or operator) (lease)

Well No. 23-33 in NW¼ SE¼ of Sec. 23, T. 6N, R. 5W, W.B.M., Wildcat Field, Columbia County.

Survey Coordinates: 1948' FEL & 2348' FSL (see attached plat)

Elevation of ground above sea level is 696.77 feet. All depth measurements are taken from top of Kelly Bushing, which is approx. 12' above ground.

Lessor: Diamond Shamrock Oil & Gas Co.
Address: 475 - 17th St., Suite 1200, Denver, CO 80202
Lessee: E. Larkins
Address: Mist, Oregon 97016

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

<table>
<thead>
<tr>
<th>Size of hole</th>
<th>Size of casing</th>
<th>Weight in pounds per foot</th>
<th>Grade and type</th>
<th>New or second hand</th>
<th>Depth</th>
<th>Landed or cemented No. of oak cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-7/8&quot;</td>
<td>7&quot;</td>
<td>23#</td>
<td>K55</td>
<td>New</td>
<td>500'</td>
<td>Crmt. to surf.</td>
</tr>
<tr>
<td>6&quot;</td>
<td>4.5&quot;</td>
<td>9.5#</td>
<td>K55</td>
<td>New</td>
<td>3000'</td>
<td>200 sx</td>
</tr>
</tbody>
</table>

Proposed Depth: 3,000'

Objectives: Eocene

American Quasar Petroleum Co.

By: John F. Work
Position: Division Dir., Engr.
Send communications regarding well to:
Name: American Quasar Petroleum Co.
Address: 204 Superior Bldg.
201 N. Wolcott St.
Casper, WY 82001

Approved: August 5, 1980

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.
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.)

RECEIVED-PTLD

JUL 07 1980

in compliance with rules and regulations pursuant to ORS 520 (Chapter 296 ORL 1977) application is hereby made
for permit to drill a (new well) (replacement well) to be known as

American Quasar Petroleum Co., Larkins
(company or operator) (lease)

Well No. 23-33 in NW ¼ SE ¼ of Sec. 23, T. 6N, R. 5W, W.B.&M., Wildcat Field, Columbia County.
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<td>K55</td>
<td>New</td>
<td>500'</td>
<td>Cmt. to surf.</td>
</tr>
<tr>
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<td>9.5#</td>
<td>K55</td>
<td>New</td>
<td>3000'</td>
<td>200 sx</td>
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Approved __________, 19

DEPT. OF GEOLOGY & MINERAL INDUSTRY
By ___________ Director

American Quasar Petroleum Co.
(company or operator)

By ____________________
Position Division Drlg., Engr.

Send communications regarding well to:
Name American Quasar Petroleum Co.
Address 204 Superior Bldg.
201 N. Wolcott St.
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.