

Atlantic Richfield Company North American Producing Division
New Mexico-Arizona District
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W. P. Tomlinson
District Engineer

PMX-29
New Mex 5

February 16, 1968

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Many Rocks-Gallup Project
San Juan County, New Mexico

Pressure Maintenance Project # 2

Gentlemen:

68 FEB 1

In accordance with Rule II of Order No. R-2622 concerning the Many Rocks-Gallup Project in San Juan County, New Mexico, Atlantic Richfield Company requests approval to convert Well No. 6 to injection. This well was not listed as a future injection well in the exhibits presented by Atlantic at the hearing.

Well No. 6 is in the northeastern part of the project in an area where additional injection points are needed to recover the remaining secondary reserves. The lack of response in the area is pointed out by the fact that Well No. 6 is making only 1 BOPD, the northwest diagonal offset (Well No. 2) is making only 1 BOPD and the southeast diagonal offset (Well No. 10) is making only 2 BOPD. None of these wells produce any water. Therefore, Well No. 6 can better be used as an injector to obtain a more timely and efficient recovery of reserves.

A schematic sketch of Well No. 6 is attached as Exhibit No. 1. As shown, injection is proposed to be below a packer, down the tubing into the lower Gallup zone only. It is anticipated that 200 BWPD will be injected through existing perforations into the zone at a surface pressure of approximately 800 psig. Water source is the Project Water Source Well No. 1 now completed in the Morrison and Entrada formations. Attached as Exhibit No. 2 is a Gamma-Ray-Induction Log of the well. Exhibit No. 3 is a plat showing the location of the proposed injection well, all wells within the project and offset operators and wells. As Working Interest Ow both Mobil Oil Corporation and Getty Oil Company were notified and have approved the proposed conversion.

We would appreciate approval of this request at year earliest venience. Please forward a copy of your approval letter to United States Geological Survey. If you need additional infc tion please let us know.

Yours very truly,

W. P. Tomlinson
W. P. Tomlinson

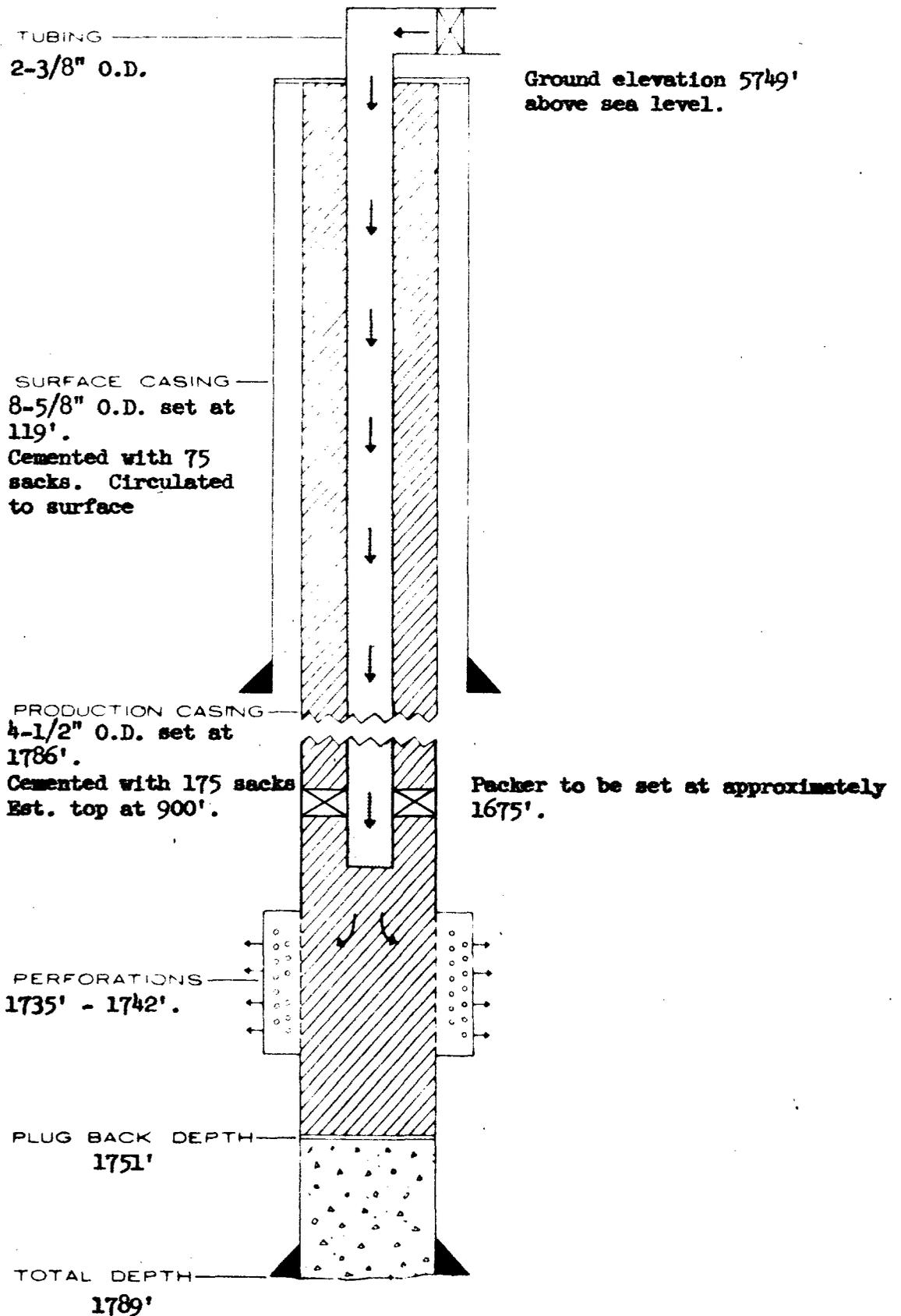
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ATLANTIC RICHFIELD COMPANY

EXHIBIT NO. 1

SCHEMATIC DRAWING
WELL NO. 6

MANY ROCKS GALLUP FIELD
SAN JUAN COUNTY, NEW MEXICO



LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE