

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF  
AMERADA PETROLEUM CORPORATION FOR AN  
EXCEPTION TO RULE 404 SO AS TO AUTH-  
ORIZE GAS-LIFT OPERATIONS WITH GAS  
FROM BIRDIE C. ROACH WELL NO. 1  
LOCATED IN NW/4 OF SW/4 SECTION 26  
12S-33E, LEA COUNTY, NEW MEXICO

CASE NO. \_\_\_\_\_

A P P L I C A T I O N

COMES NOW Amerada Petroleum Corporation and alleges and states:

1. That on January 13, 1950 Applicant completed its Birdie C. Roach No. 1 well located in the center of NW, 4 SW/4 of Section 26-12S-33E, in the Hightower Pennsylvanian pool, Lea County, New Mexico.
2. That said well was completed as a gas well in the Pennsylvanian formation through perforations from 8660' to 8685' and had an open flow potential of 8,300 Mcf with a gas-condensate ratio of approximately 17,000 cuft. of gas per barrel of condensate of approximately 69° API gravity.
3. That there is no available market for the sale of said gas.
4. That due to low gas-oil ratios and water encroachment of wells on other leases in the Hightower field and also of wells in the nearby Bagley field, it is, and will be in the future, necessary to install artificial lift equipment to maintain production of oil from both of said fields. That the best and most economical method of operation is by gas-lift which requires a source of high pressure gas and the Birdie C. Roach No. 1 well can beneficially be used to supply gas for that purpose without waste.
5. That in order to prevent waste, conserve critical material and equipment, and avoid the mechanical hazards incident to other types of artificial lifting methods, an exception should

be granted to Rule 404 of the Rules and Regulations of the New Mexico Oil Conservation Commission so as to authorize the use of gas produced from the above described Birdie C. Roach No. 1 well for the purpose of lifting oil produced from other wells in the Hightower field and the Bagley field.

WHEREFORE Applicant respectfully requests that the Commission set this application for hearing and that due and proper notice be given as required by law and that at the conclusion of said hearing the Commission enter its order granting Applicant an exception to Rule 404 authorizing gas-lift operations as herein requested and for such further relief to which Applicant may be entitled.

Dated this 7<sup>th</sup> day of August, 1951.

AMERADA PETROLEUM CORPORATION

Harry D. Page and Booth Kellough  
Attorneys

By Booth Kellough  
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