

Case 1911

ASPEN DRILLING CO.

DENVER
205 PETROLEUM CLUB BLDG.
AC 2-0906



ALBUQUERQUE
3010 MONTE VISTA BLVD., N. E.
AM 8-1606

February 1, 1960

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Re: Request for Approval of Multiple
Zone "Slim Hole" Completion

Gentlemen:

It is requested that a hearing be scheduled before an Examiner of the New Mexico Oil Conservation Commission for the promulgation of an order approving a multiple zone "slim hole" completion for the Johnston and Shear Jicarilla well #1-4. Well #1-4 is located 985' FNL, 805' FWL, Section 4, Township 24 North, Range 5 West, Rio Arriba County, New Mexico.

Attached is a schematic sketch reflecting the casing settings for the proposed completion. Surface casing, 10-3/4" OD, will be set at 200' and cemented to surface. A 9-7/8" hole will be drilled from the base of the surface casing to approximately 3500'; an 8-3/4" hole will be drilled from 3500' to 5900'; and a 6-3/4" hole will be drilled from 5900' to total depth of 7100'.

Should the formations appear productive after logging, it is proposed to complete well #1-4 in three zones (either Pictured Cliffs or Chacra, Gallup and Dakota), using a separate production string of 2-7/8" OD casing for each formation. Each production casing string will be cemented separately, using sufficient cement to bring the cement top to approximately 600' above the shoe. Individual stimulation treatments will be performed on the three formations.

It is believed that this method of completion is efficient and will result in an ultimate recovery comparable to a conventional completion. There are no known corrosive or pressure problems in the area which would make the "slim hole" method of completion undesirable.

Hooker
Mailed
2-15-60
[Signature]

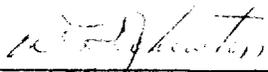
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Well #1-4 is located outside the boundaries of any designated Dakota pool. However, the well will be an extension of the Otero-Gallup Pool, an extension to the Otero-Chacra Pool and within the limits of the South Blanco-Pictured Cliffs Pool.

As shown on the attached plat, operators holding acreage offsetting well #1-4 are Skelly Oil Company and Southern Union Gas Company. Copy of this application is being furnished each operator by registered mail.

Yours very truly,

JOHNSTON AND SHEAR

By: 
W. R. Johnston, Partner

In duplicate.

WRJ:RP/jap
Enclosure

cc: Skelly Oil Company
Box 426
Farmington, New Mexico

Southern Union Gas Co.
Box 815
Farmington, N.M.

N. M. Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico