

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

June 10, 1968

Union Texas Petroleum Division
1010 Lincoln Tower
1860 Lincoln Street
Denver, Colorado 80203

Attention: Mr. T. C. Simpson

Administrative Order TX-31

Gentlemen:

Reference is made to your application dated June 5, 1968, for administrative exception to the provisions of Rule 107 (d) (2) to permit the production of your Johnston Federal Well No. 4, located in Unit H of Section 33, Township 31 North, Range 9 West, Blanco Mesaverde Pool, San Juan County, New Mexico, through 7-inch casing from total depth to 4500 feet and through 4 1/2-inch casing from 4500 feet to the surface.

Union Texas is hereby authorized to produce the subject well in the aforesaid manner for so long as the flow is efficient and no liquid production problems present themselves, provided that you shall also obtain the consent of the United States Geological Survey.

The Commission does reserve the right, however, to require that the tubing be re-installed in the event that it appears inefficient flow or inaccurate tests result from this casing flow.

Very truly yours,

A. L. PORTER, JR.
Secretary-Director

ALP/DSN/og

cc: Oil Conservation Commission - Aztec
U. S. G. S. - Farmington
U. S. G. S. - Roswell

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UNION TEXAS PETROLEUM DIVISION

SUITE 1010 LINCOLN TOWER • 1860 LINCOLN STREET • DENVER, COLORADO 80203 • 534-8221

MAIN OFFICE 000

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June 5, 1968

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Johnston-Federal #4
SE NE Section 33-T31N-R9W
Blanco Mesaverde Field
San Juan County, New Mexico

Dear Sir:

Permission is hereby requested for an exception to sub-paragraph (2), paragraph (d) of Rule 107, Casing and Tubing Requirements for the above captioned well.


Total depth of this well is 5513 feet in the Mancos with plug back total depth of 5370 feet at the base of the Mesaverde. The well is producing through perforations of the 5" liner. The 4-1/2" casing is cemented to the surface inside the 7" casing to alleviate any corrosion problems (see attached diagram).

A recent check of the well for stray current effect was made and none was found.

It is our belief that there will not be any waste caused by this exception but that ultimate recovery will be greater due to the elimination of excessive loss of pressure due to the friction caused by the high withdrawal rate.

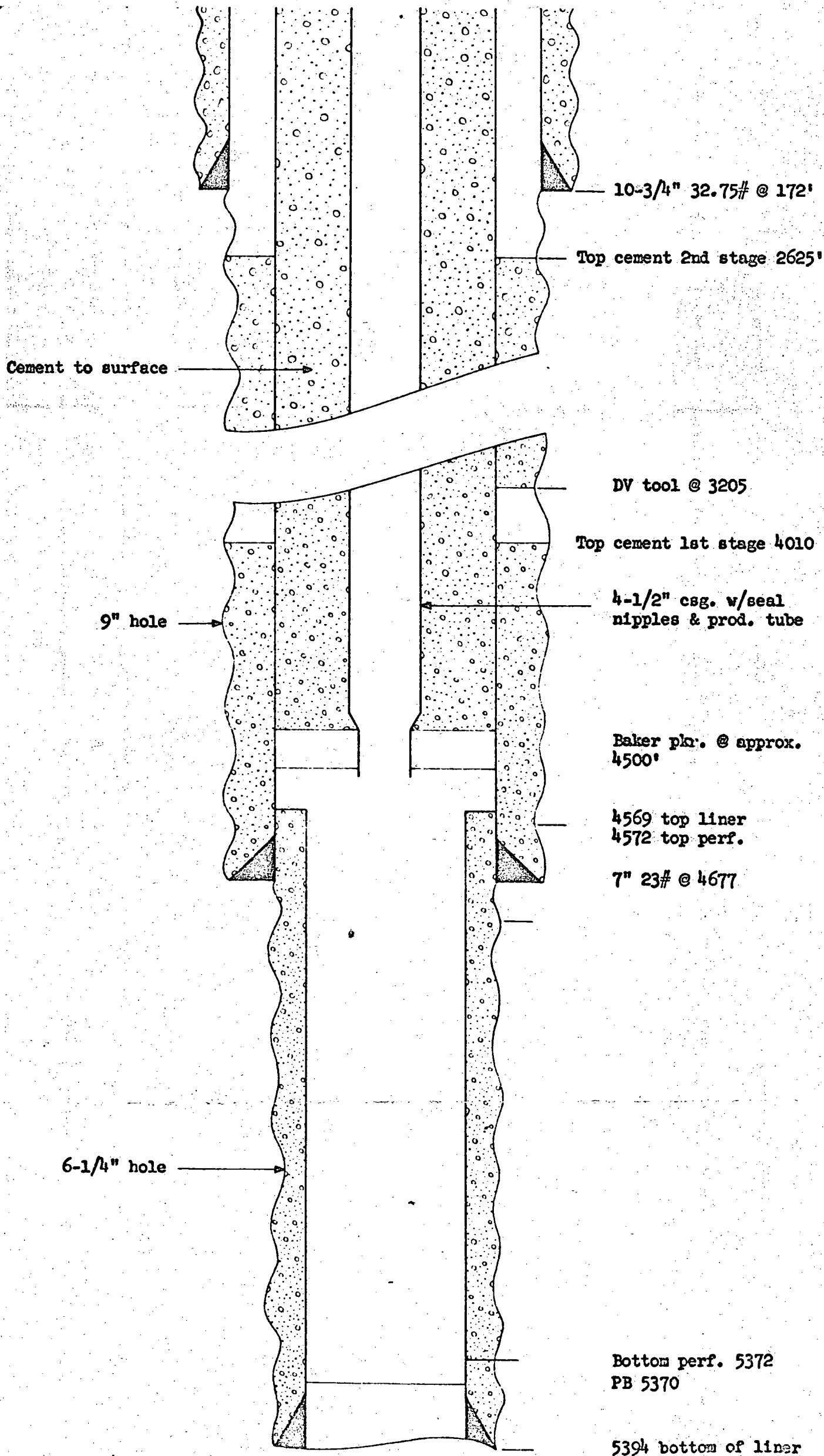
At the present time we are producing this well with compressors. Average producing rate with 2-3/8" tubing in the well was 8600 MCFPD with corresponding tubing surface pressure of 324 psig. The tubing was pulled on March 22, 1968, and the well is presently producing 10,500 MCFPD with corresponding surface pressure of 435 psig. These pressures indicate excessive friction pressure with the tubing in the hole which can be eliminated by a tubingless completion.

Yours very truly,


TROY C. SIMPSON
District Production Manager

cc: Mr. E. C. Arnold, Supervisor District III
DHP:rw

JOHNSTON-FEDERAL #4



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July 8, 1968

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

Attention: Mr. A. L. Porter, Jr.

File
TX-31
File

MAIN OFFICE

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Re: Administrative Order TX-31

Dear Sir:

Attached is copy of approval for tubingless completion from the United States Geological Survey for the Johnston-Federal #4 well, SE NE Section 33-T31N-R9W, San Juan County, New Mexico, as requested in your letter dated June 10, 1968.

Yours very truly,

D. H. Pickering

D. H. PICKERING
Petroleum Engineer

Att.
DHP:rw



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 959
Farmington, New Mexico 87401

July 3, 1968

Union Texas Petroleum
Suite 1010 Lincoln Tower
1860 Lincoln Street
Denver, Colorado 80203

Re: Santa Fe 078439
Well No. 4 Johnston-Federal
SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, T. 31 N., R. 9 W.,
San Juan County, New Mexico

Attention: Mr. D. H. Pickering

Gentlemen:

Your letter of July 2, 1968 requests approval for a tubingless completion for the above referenced well. Approval is granted for the tubingless completion.

Sincerely yours,

P. T. McGrath
District Engineer

RECEIVED

JUL 8 - 1968