

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 6, 1973

Belco Petroleum Corporation
2000 Wilco Building
Midland, Texas 79701

Attention: Mr. Glen Cope

Administrative Order TX-41

Gentlemen:

Reference is made to your letter of September 19, 1973, for administrative approval for an exception to the provisions of Rule 107(d)(3) for your Union Mead Com Well No. 3 located in Unit J of Section 5, Township 22 South, Range 27 East, Eddy County, New Mexico.

It is our understanding that although the Morrow perforations in the subject well are from 11,420 to 11,608 feet, the 2 7/8-inch tubing is set in a packer at 8,590 feet. Inasmuch as the well is a dry gas well and produces no liquids, you are authorized the tubing exception described above, provided however, the Commission does reserve the right to rescind this approval at any time that the well's producing characteristics so change that continued production in the aforesaid manner, in the Commission's opinion, is resulting or may result in waste.

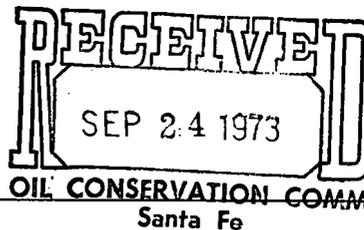
Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/DSN/dr

cc: Oil Conservation Commission - Artesia
Oil & Gas Engineering Committee - Hobbs

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Belco Petroleum Corporation

Belco

September 19, 1973

TX-41

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

Re: Belco Petroleum Corporation
Union Mead Com Well No. 3
Undesignated Morrow
1980' FS&EL's of Section 5,
T-22-S, R-27-E, Eddy County,
New Mexico

Gentlemen:

Belco Petroleum drilled and completed the Union Mead Com Well No. 3 during January, February, and March of 1973. The well has 16" surface casing set at 335' with cement circulated. The first intermediate of 10-3/4" was set at 1839' and cemented to surface. Second intermediate was 7-5/8" set at 8940' and cemented with 250 sacks. A 4-1/2" liner was run and cemented from 8607' to 11,641' with 500 sacks.

The Morrow Zone in the well was perforated in intervals from 11,420' to 11,608'. A 7-5/8" production packer was run on a string of 2-7/8" production tubing and set at 8590' above the top of the liner at 8607'. The well was potentialized for a CAOF of 9,425 MCFPD.

There is a Morrow Zone present in the well from 11,172' to 11,186' which drillstem tested 11 MMCFPD. This zone was not perforated during original completion, and it was desired to set the well up where this zone could be perforated through tubing at a later date. By running a 7-5/8" packer and 2-7/8" tubing, a larger perforating charge with deeper penetration can be used than if a 4-1/2" packer were run with a maximum interval diameter of 1.995".

The Morrow Zone in which the subject well is completed is a dry gas zone and produces no liquids. In view of the advantages of setting the packer as it was set, Belco Petroleum Corporation respectfully requests an exception to Rule 107-D-3 requiring the packer to be set down in the liner within 250' of the pay zone.

N.M.O.C.C.

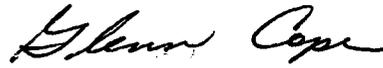
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September 19, 1973

Should we be able to furnish you with additional information or discuss this matter in any way, please contact me.

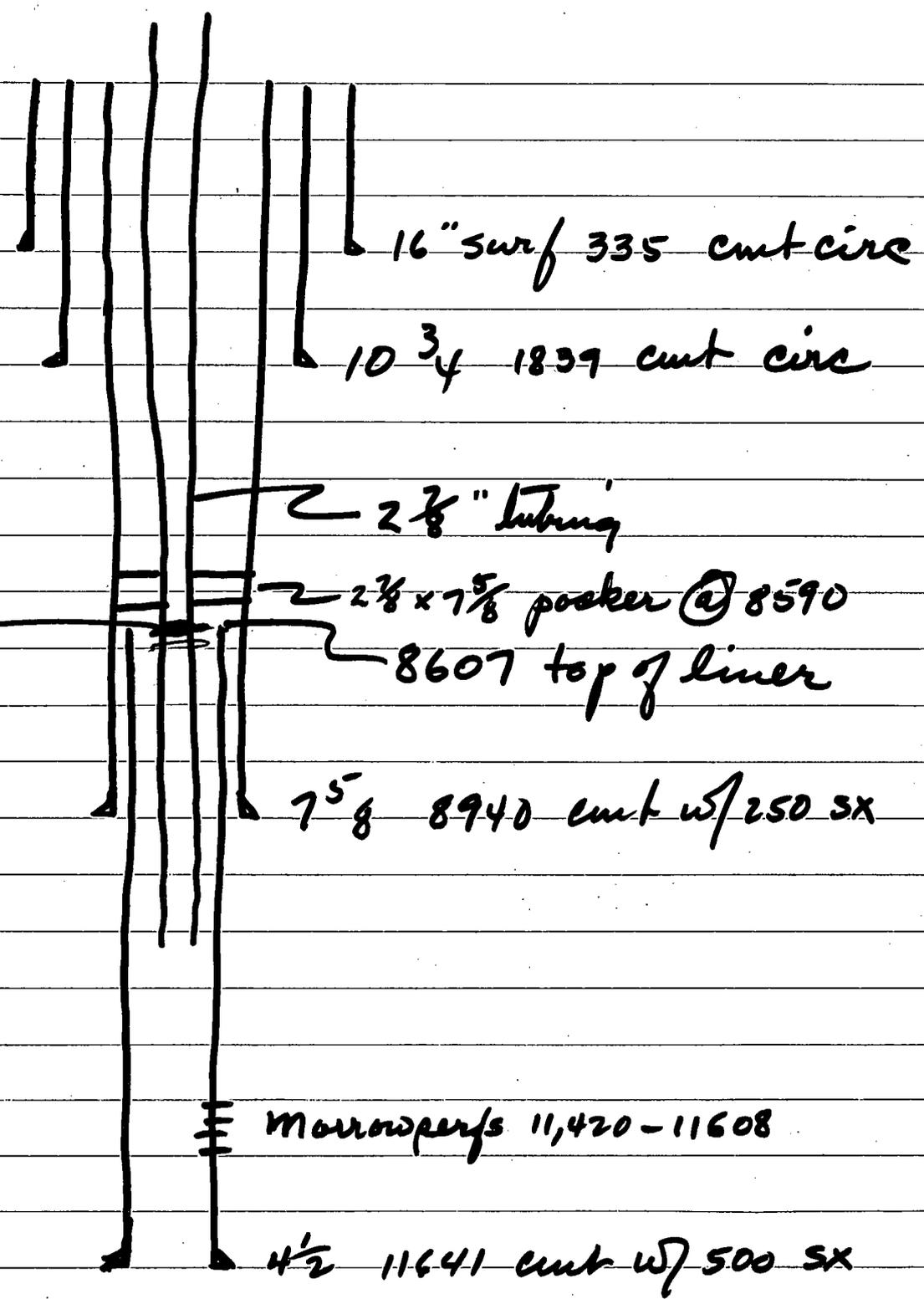
Very truly yours,

BELCO PETROLEUM CORPORATION



Glenn Cope
District Engineer

GC/ga



16" surf 335 cnt circ

10 ³/₄ 1839 cnt circ

2 ⁷/₈" tubing

2 ⁷/₈ x 7 ⁵/₈ packer @ 8590

8607 top of liner

7 ⁵/₈ 8940 cnt w/ 250 SX

narrow perfs 11,420 - 11,608

4 ¹/₂ 11,641 cnt w/ 500 SX

tubing
to 8590

over

