# New Mexico Oil Conservation Commission AZTEC. NEW MEXICO

March 26, 1954

Harry J. Valentine 321 Goodrich Building Phoenix, Arisona

Dear Mr. Valentine:

I am sorry that I didn't give you correct and detailed information concerning the subject well "Valentine Gas Unit No. 1". The attached sheet will, I think, give you a more complete overall picture of the well.

I agree that an explanation is in order concerning some of the expressions used in the previous letter. It is good for an engineer to be reminded that everyone does not use oil and gas terms daily.

The abbreviation "MCF" represents 1,000 cubic feet, therefore your well at the time it was tested, October 20, 1953, was capable of producing 4,760,000 cubic feet of gas per day. This initial potential test was taken while the well was blowing to the air against an atmospheric pressure of about 12 pounds per square inch, but you must remember that the well will not produce nearly this much into the pipe line, as there is a pressure of from 500 to 600 pounds per square inch on the pipe line. Your well is better than average.

On the small plat you sent, I have outlined in red the distribution of the land that is dedicated to the well. Stanolind has the lease on your land, the East half of the northwest quarter of Section 32 (B/2 NW/4 Sec. 32), the State of New Mexico land consisting of the West half of the Northeast quarter (W/2 NR/4), the East half and Northwest quarter of the Northwest quarter (E/2 and NW/4 NW/4). Standard of Texas has a lease on the Southwest quarter of the Northwest quarter (SW/4 NW/4). This land is State land.

I hope this information is sufficient and complete. If there are any further questions, please do not hesitate to write.

Yours very truly,

JJA:ks Encls. John J. Abendschan, Petroleum Engineer District #3

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Operator: Stanolind Oil & Gas Co.

Lease Name: Valentine Gas Unit, Well No.: 1

Location: 990' from North line: 990' from East line Section 32. Township 32 North. Range 10 West.

Drilling Commenced: September 11, 1953, Completed: October 8, 1953.

Drilling Contractor: Iron Drilling Co.

Elevation of Surface Location; 6010 above see level.

Pay Zone: From 4644! to 5180!; Total Depth: 5289!.

Casing Record:

9-5/8" casing, 32.3# cemented at 261' with 250 ax.

7" casing, 20# cemented at 4570° with 420 ax.

2-3/8" casing, 4.7# hung at 5261.

# Stimulation:

Shot with 1447 quarts Hercules explosive from 4644\* to 5289\*.

## Initial Potential test:

4,760,000 cubic feet of gas per day after a 3 hour blow down. Shut in casing pressure before blow down (SICP) 1091 pounds per square inch.

### Remarks:

The well is shut in at the present time waiting for a pipe line connection.