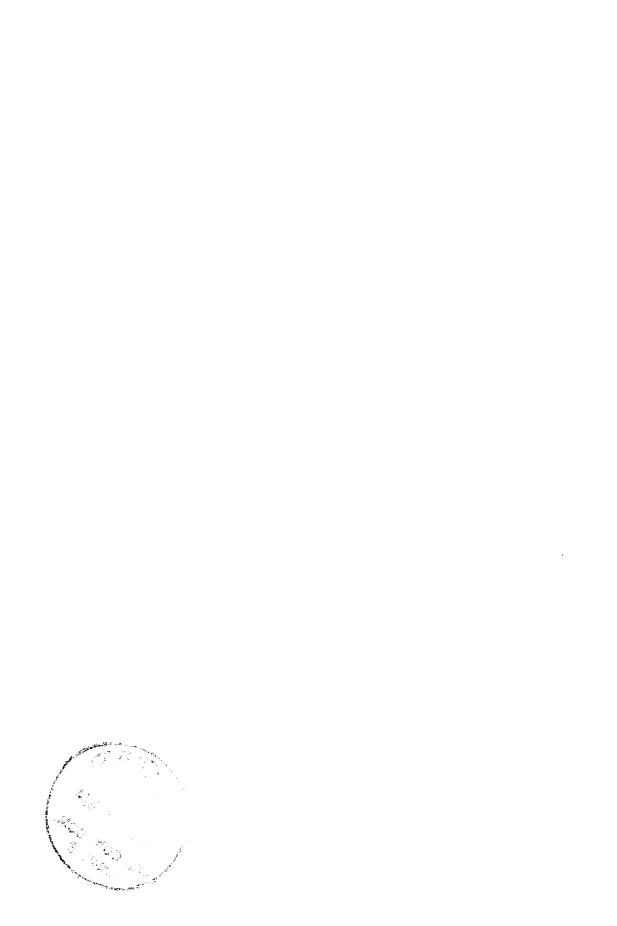
## MEXICO OIL CONSERVATION CON HON MULTIPOINT AND ONE POINT BACK PRESSURE TEUT FOR GAS WELL

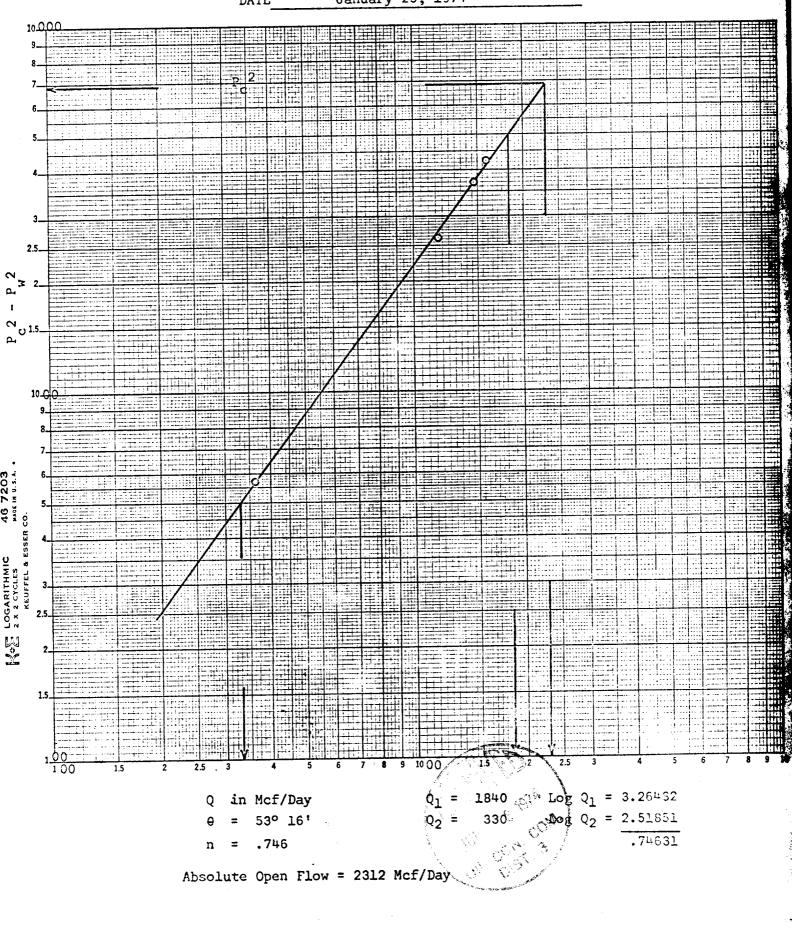
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OPERATOR	Lone Star Industries, Inc.
LEASE	Schalk '63'
WELL NO.	1
FIELD	Wildcat
COUNTY	Rio Arriba, New Mexico
DATE	January 25, 1974



## THOMAS S. SCHALK 618 FIRST WICHITA NATIONAL BANK BLOG. WICHITA FALLS, TEXAS 76301

August 23, 1973

Summary of Completion 58-1

Perf. 8052 to 8100, left gun in hole, wire line parted.

8018 to 8034, 7988-7998, 7972-76 2 holes per foot. Frac 350 sx at 3800, broke 2550 with sand concentration going from 1/2 to 3/4. Rate 32 B/min used total of 45,000 gal water. Shut in pressure 2700.

Set drillable bridge plug at 7960
Perforated 7940 to 7954, 7898 to 7904, 7857 to 7876
2 holes per foot
Tried to frac this zone but could only get away with
84 sx and 16,800 gal water. Broke at 3250 treating
pressure 3800. Rate 25 B/min decreasing to 10 B/Min.
Well trying to sand up at end of treatment. Sanded
off at 4000#.

Flowed well back right away, went in hole, drilled bridge plug. Well trying to unload while running tubing, after drilling bridge plug got increase in gas but also got big increase in water. Cleaned out to bottom, swabbed well to recover frac water. Well flowing by heads, some evidence of sand.

After several days of swabbing laid gas line from 62-4 to 58-1 to use booster to help well flow. Well still would not kick off. Pulled tubing, cleaned out sand to T. D. Ran tubing back in hole, still would not flow. Pulled tubing ran retrievable bridge plug and packer, Halliburton to test perfs to try to determine where water is coming from.

- Set bridge plug at 8110, below all perforations set packer at 8140, isolating lowermost perforations. Annulus would not stay full during swabbing, and could not swab well down and well would not flow.
- 2. Set bridge plug at 8040 and pkr at 7960, no communication behind pipe, annulus stays full. Swabbed well down trying to flow, still making too much wtr.
- 3. Bridge plug at 8005 and pkr at 7960, no communication. Well flowing by heads.
- 4. Bridge plug at 7960, packer at 7840. Well flowing by heads better show #3 but still too much water.

All perforated zones have not been tried together with water.



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