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August 19, 1954

1954 AUG 22 PM 3:03

New Mexico Oil Conservation Commission
Hobbs
New Mexico.

Dear Sir:

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

I submit Forms C-104 and C-110; also Gas Well plat in connection with a work over job on L. E. Elliott #2 Federal located 2310' from the South line and 1650' from the East line of section 26, township 20 South, range 36 East.

Inasmuch as this work over has resulted primarily in creation of a gas well and a gas allowable is being requested for it, a question as to the age of the producing formation has arisen. Mr. Elliott has, therefore, requested that I state to the Oil Conservation Commission what, in my opinion, is the age of the producing formation.

I regret not having samples on the Elliott well and not being able, therefore, to pick top of the Queen formation from samples. A recently drilled well located two locations West of the Elliott well and another test located one location East and three locations South of the Elliott well each have Electric or Gamma Ray-Neutron logs from which we can gather a reasonable estimation of the top of Queen in the Elliott #2. By a method of correlation I have concluded that the Elliott #2 should have reached the Queen at a depth not greater than 3600' and should have reached the main Queen sand, for this area, at a depth no greater than 3730'.

Elliott #2 Federal was drilled to a depth of 3780' and has 7" casing cemented at 3720'. It is apparent to me, therefore, that this well is producing from the Queen formation.

cpm.

Yours very truly,


Charles P. Miller

cc:

L. E. Elliott
Roswell, N.M.

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P
Y

JOSEPH E. ...
M. H. ...