

NEW MEXICO STATE LAND OFFICE
OFFICE OF THE STATE GEOLOGIST
SANTA FE, NEW MEXICO

MISCELLANEOUS REPORTS ON WELLS

Submit this report in duplicate to the State Geologist or proper Oil and Gas Inspector within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of water shut-off, result of abandonment of well, and other important operations, even though the work was witnessed by the State Geologist or Oil and Gas Inspector. Reports on minor operations need not be signed and sworn to before a notary public, but such operations should be witnessed by an Oil and Gas inspector if possible.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS REPORT ON RESULT OF SHOOTING WELL REPORT ON RESULT OF TEST OF WATER SHUT-OFF REPORT ON RESULT OF ABANDONMENT OF WELL	REPORT ON DEEPENING WELL REPORT ON PULLING OR OTHERWISE ALTERING CASING REPORT ON REPAIRING WELL Report of Acidizing the well,
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Hobbs, New Mexico
Place

May 24 1935.
Date

Mr. E.H. Wells State Geologist,
Santa Fe, N. Mex.

Following is a report on the work done and the results obtained under the heading noted above at the Cypay Oil Company Graham State Well No. 4 in the NE/4 of Sec 24, T 18N, R 37E N. M. P. M., Hobbs Oil Field, Lea County.

The dates of this work were as follows: Acidized 5-23-35 Tested 5-24-1935
Notice of intention to do the work was (was not) submitted on Form SG 106 on May 23rd, 19 35, and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) by telephone

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The well was treated as follows: 1000 gallons of 100% Hydrochloric acid solution w/ 5 gal. Nap #2 Inhibitor, by the Chemical Process Company. The acid was followed by 40 Barrels of oil. The Chemical was pumped in the hole through the tubing with the casing closed.

The well would not flow before acidized and made 50% Drilling water.
Test after acidized as follows:-

8745 Barrels Fluid 53% Water for 24 Hour Period.

Note:- Will drill deeper.

Subscribed and sworn to before me this

4 day of June, 1935

[Signature]
Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name D.C. Cummings

Position District Superintendent

Representing Cypay Oil Company

Company or Operator

Address Hobbs, New Mexico.

My Commission expires June 23-1938

Remarks:

Name

Title

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Sponholz (1980). The total chlorophyll content was determined by the method of Arar and Cook (1980).

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1. *Chlorophyll a* (Chl *a*)

Journal of Management Education 30(6)p. 789-804
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1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

1. *Chlorophyll a* (Chl *a*)

100

Age Group	1970	1980	1990	2000	2010	2020
0-14	25	22	20	18	15	10
15-24	15	16	17	18	19	20
25-34	10	11	12	13	14	15
35-44	10	11	12	13	14	15
45-54	10	11	12	13	14	15
55-64	10	11	12	13	14	15
65+	10	11	12	13	14	15

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2015.

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

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