

COPY TO G. C. C.

Approval expires 12-31-32.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078903
Unit Payne Lease
Callegos Canyon Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 5, 1933

Well No. 3 is located 990 ft. from N line and 990 ft. from E line of sec. 36

SW/4 SW/4 Sec. 36
(1/4 Sec. and Sec. No.)

28N
(Twp.)

12W
(Range)

N. M. P. M.
(Meridian)

West Kuts
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 6021 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Pictured Cliffs Sand test. Estimated depth 1800'.

Surface Casing: 90' of 8-5/8" OD 24# cemented with 70 sacks.

Production Casing: Approximately 1750' of 5-1/2" OD 14# J-55 cemented with 100 sacks.

If commercial production is indicated, the producing section will be shot with nitroglycerin.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company BENSON-MONTIN

Address 3151 West Main

Farmington, New Mexico

By Albert R. Green

Title Field Superintendent

1. The first step is to identify the problem. In this case, the problem is that the system is not working properly.

1. The invention relates to a method of determining the concentration of a substance in a liquid medium, said method comprising the steps of:

(a) providing a liquid medium containing a substance to be determined;

(b) measuring the optical density of the liquid medium at a wavelength in the visible spectrum;

(c) comparing the measured optical density with a standard optical density; and

(d) determining the concentration of the substance in the liquid medium based on the comparison.

2. The method of claim 1, wherein the substance is a dye.

3. The method of claim 1, wherein the liquid medium is a solution.

4. The method of claim 1, wherein the wavelength is in the range of 400 nm to 700 nm.

5. The method of claim 1, wherein the standard optical density is determined from a calibration curve.

6. The method of claim 1, wherein the liquid medium is a sample.

7. The method of claim 1, wherein the substance is a protein.

8. The method of claim 1, wherein the liquid medium is a cell culture medium.

9. The method of claim 1, wherein the substance is a nucleic acid.

10. The method of claim 1, wherein the liquid medium is a buffer solution.

11. The method of claim 1, wherein the substance is a metal ion.

12. The method of claim 1, wherein the liquid medium is a reagent solution.

13. The method of claim 1, wherein the substance is a carbohydrate.

14. The method of claim 1, wherein the liquid medium is a solvent.

15. The method of claim 1, wherein the substance is a lipid.

16. The method of claim 1, wherein the liquid medium is a gel.

17. The method of claim 1, wherein the substance is a polymer.

18. The method of claim 1, wherein the liquid medium is a solid support.

19. The method of claim 1, wherein the substance is a gas.

20. The method of claim 1, wherein the liquid medium is a liquid crystal.

21. The method of claim 1, wherein the substance is a semiconductor.

22. The method of claim 1, wherein the liquid medium is a superconductor.

23. The method of claim 1, wherein the substance is a nanomaterial.

24. The method of claim 1, wherein the liquid medium is a quantum dot.

25. The method of claim 1, wherein the substance is a carbon nanotube.

26. The method of claim 1, wherein the liquid medium is a graphene.

27. The method of claim 1, wherein the substance is a nanowire.

28. The method of claim 1, wherein the liquid medium is a nanofiber.

29. The method of claim 1, wherein the substance is a nanoparticle.

30. The method of claim 1, wherein the liquid medium is a nanoscale.

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1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

2. The second part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

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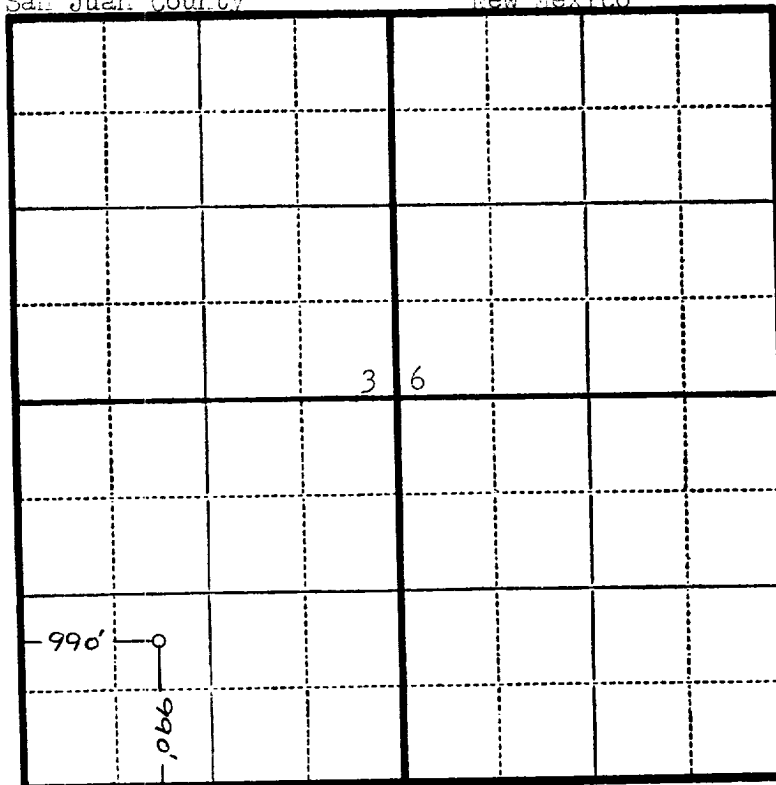
Company Benson-Montin

Lease 078903 Well No. 3

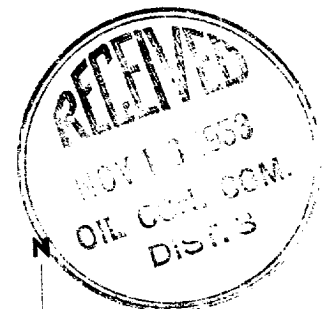
Sec. 36 T. 28 N., R. 12 W., S.M.R.N.

Location 990' from the South line and 990' from
the West line.

San Juan County New Mexico



RECEIVED
NOV 6 1953
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.



Scale—4 inches equals 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Charles J. Finklea

Seal:

Registered Professional Charles J. Finklea
Engineer and Land Surveyor. N. Mex. Reg. No. 1302

Surveyed April 11, 1952