

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev. 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

| | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------|--|
| Name of Company Western - Yates | | | | Address P.O. Box 427, Artesia, New Mexico | | | |
| Lease State 648, Tract 15 | | Well No. 154 | Unit Letter B ✓ | Section 22 | Township 19 South | Range 28 East | |
| Date Work Performed 10/23/59 | | Pool East Millman Queen Grayburg ✓ | | | County Eddy | | |
| THIS IS A REPORT OF: (Check appropriate block) | | | | | | | |
| <input type="checkbox"/> Beginning Drilling Operations | | <input checked="" type="checkbox"/> Casing Test and Cement Job | | <input type="checkbox"/> Other (Explain): | | | |
| <input type="checkbox"/> Plugging | | <input type="checkbox"/> Remedial Work | | | | | |
| Detailed account of work done, nature and quantity of materials used, and results obtained. Resumed drilling to 1802' and ran 8 5/8" casing to be mudded to shut off show of oil at 1767'. Drilled ahead to T.D. 2571'. Ran 4 1/2" Casing with packer Shoe to be set at 2220' cemented with 460 sks. regular cement. W.O.C. Let stand 72 hours. Resumed completion preparing to perforate and frac. | | | | | | | |
| Witnessed by Clarence Roach | | | Position Owner | | Company Roach Drilling Company | | |
| FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY | | | | | | | |
| ORIGINAL WELL DATA | | | | | | | |
| D F Elev. | | T D | | P B T D | | Producing Interval | |
| Tubing Diameter | | Tubing Depth | | Oil String Diameter | | Oil String Depth | |
| Perforated Interval(s) | | | | | | | |
| Open Hole Interval | | | | Producing Formation(s) | | | |
| RESULTS OF WORKOVER | | | | | | | |
| Test | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | COR Cubic feet/Bbl | Gas Well Potential MCFPD | |
| Before Workover | | | | | | | |
| After Workover | | | | | | | |
| OIL CONSERVATION COMMISSION | | | | I hereby certify that the information given above is true and complete to the best of my knowledge. | | | |
| Approved by <i>M. L. Armstrong</i> | | | | Name <i>R. E. Ray</i> | | | |
| Title FILE AND GAS INSPECTOR | | | | Position Assistant District Superintendent | | | |
| Date OCT 24 1959 | | | | Company Western - Yates | | | |

7-10-1954

References

Figure 1. A schematic diagram of the experimental setup. The subject is seated in a chair, viewing a video screen. The screen displays a target (a red dot) and a starting point (a green dot). The subject's hand is positioned at the starting point. The distance between the starting point and the target is labeled as d . The subject is instructed to move their hand from the starting point to the target. The video screen is connected to a computer system, which records the hand's position and movement time.

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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

[illegible]

Figure 1 is a line graph showing the percentage of total protein in the supernatant versus the percentage of total protein in the pellet for various proteins. The y-axis is labeled "PERCENTAGE OF TOTAL PROTEIN IN SUPERNATANT" and ranges from 0 to 100. The x-axis is labeled "PERCENTAGE OF TOTAL PROTEIN IN PELLET" and ranges from 0 to 100. The graph shows several data points for different proteins, with some points clustered together and others more spread out. The points are labeled with numbers 1 through 10, corresponding to the proteins listed in the legend.

| Protein | Percentage of Total Protein in Pellet | Percentage of Total Protein in Supernatant |
|---------|---------------------------------------|--------------------------------------------|
| 1. BSA | ~10 | ~90 |
| 2. IgG | ~10 | ~90 |
| 3. FCS | ~10 | ~90 |
| 4. HSA | ~10 | ~90 |
| 5. H2O | ~10 | ~90 |
| 6. H2O | ~10 | ~90 |
| 7. H2O | ~10 | ~90 |
| 8. H2O | ~10 | ~90 |
| 9. H2O | ~10 | ~90 |
| 10. H2O | ~10 | ~90 |

1. *Chlorophyll a* (Chl a) and *Chlorophyll b* (Chl b) are the two main photosynthetic pigments in green plants. They are responsible for the absorption of light energy and the conversion of carbon dioxide and water into glucose and oxygen. The concentration of these pigments can be measured using a spectrophotometer.

Figure 1 is a line graph with 'Number of hauls' on the x-axis (0 to 10) and 'Percentage of total catch' on the y-axis (0 to 100). Three data series are plotted, all showing a rapid increase in catch percentage as the number of hauls increases, eventually leveling off. The series are labeled as follows: *P. setiferus*, *P. setiferus* + *P. setiferus* + *P. setiferus*, and *P. setiferus* + *P. setiferus* + *P. setiferus*.

| Number of hauls | <i>P. setiferus</i> (%) | <i>P. setiferus</i> + <i>P. setiferus</i> + <i>P. setiferus</i> (%) | <i>P. setiferus</i> + <i>P. setiferus</i> + <i>P. setiferus</i> (%) |
|-----------------|-------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|
| 1 | ~10 | ~10 | ~10 |
| 2 | ~30 | ~30 | ~30 |
| 3 | ~50 | ~50 | ~50 |
| 4 | ~70 | ~70 | ~70 |
| 5 | ~80 | ~80 | ~80 |
| 6 | ~80 | ~80 | ~80 |
| 7 | ~80 | ~80 | ~80 |
| 8 | ~80 | ~80 | ~80 |
| 9 | ~80 | ~80 | ~80 |
| 10 | ~80 | ~80 | ~80 |

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.