

2294

NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO  
NEW MEXICO WELL LOG DIVISION

COUNTY **Harding**  
FIELD **Bueyeros**  
COMPANY **Waddell & McFann**  
LEASE **De Baca** No. **1** Well  
LOCATION (¼) **NW**  
SEC. **19** . T. **20 N** . R. **31 E.**  
feet from line and  
feet from line of Section

| CASING RECORD |        |
|---------------|--------|
| Diam., in.    | Bottom |

ELEVATION

FEET

INITIAL DAILY PRODUCTION:

5-3/16 1612'

Open bbls. Oil  
Open **1,000,000 CO<sub>2</sub>** cu. ft. Gas  
Tbg. bbls. Oil  
Tbg. cu. ft. Gas

COMMENCED

COMPLETED **1936**

ABANDONED

REMARKS: **Rock pressure 600 lbs.**  
**Gas: CO<sub>2</sub> - 99.4%**  
**Nitrogen - 0.6%**

| FORMATION               | BOTTOM, FEET | FORMATION              | BOTTOM, FEET |
|-------------------------|--------------|------------------------|--------------|
| Mud                     | 17           | Broken sand            | 668          |
| Sand water              | 25           | Blue shale             | 671          |
| Mud red                 | 40           | Blue lime shale        | 681          |
| Gyp                     | 45           | Close hard lime        | 686          |
| Red shale               | 47           | Lime                   | 690          |
| Gyp                     | 67           | Broken lime shells     | 700          |
| Red shale               | 85           | Broken lime and shale  | 720          |
| Gyp                     | 87           | Blue shale             | 746          |
| Red shale               | 100          | Sandy lime             | 749          |
| Gyp                     | 111          | Sandy lime             | 754          |
| Red shale               | 115          | Sand                   | 759          |
| Gyp                     | 127          | Lime                   | 764          |
| Pink shale              | 205          | Sandy lime             | 775          |
| Brown shale             | 215          | Sandy shale            | 780          |
| Gas, brown shale        | 229          | Sandy shale            | 795          |
| Red sand                | 245          | Blue shale             | 806          |
| Brown shale             | 254          | Lime                   | 823          |
| Gas                     | 260          | Sand <u>WATER</u> ✓    | 834          |
| <u>Water and gas</u> ✓  | 282          | Blue lime              | 846          |
| Lime red shale          | 295          | Gray sand              | 854          |
| Blue shale              | 318          | White sand             | 861          |
| Hard dry sand           | 346          | White sand             | 905          |
| Red shale               | 368          | Hard gray sand - gas ✓ | 908          |
| Blue shale              | 375          | Gray sand              | 915          |
| Red pink shale          | 426          | Light brown sand       | 920          |
| Brown shale             | 445          | Gray sand              | 931          |
| Blue shale              | 453          | Blue sand              | 934          |
| Blue sandy shale        | 495          | White sand             | 940          |
| Blue shale              | 516          | Blue sand and shale    | 944          |
| ?                       | 524          | Blue sand              | 948          |
| Red shale               | 556          | Blue sand              | 955          |
| Sand                    | 590          | Blue sand and shale    | 966          |
| Red shale               | 595          | Light blue sand        | 982          |
| Sand                    | 606          | Sand with black rock   | 988          |
| Sandy shale             | 622          | Hard gray sand         | 1000         |
| Gray sand               | 625          | Gray sand              | 1083         |
| Gray sand showing gas ✓ | 630          | Sand                   | 1109         |
| Gray sand               | 650          | Sandy lime             | 1112         |
| Softer sand             | 657          | White shale            | 1117         |
| Broken sand             | 662          | Sandy shale            | 1126         |

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the experimental procedures and the statistical analysis performed.

3. The third part of the document presents the results of the study. It includes a series of tables and graphs that illustrate the findings of the research. The data shows a clear trend of increasing activity over time.

4. The fourth part of the document discusses the implications of the findings. It suggests that the results have significant implications for the field of study and may lead to further research in this area.

5. The fifth part of the document concludes the study. It summarizes the main findings and provides a final statement on the importance of the research.