

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 10 rows of squares. There are no markings or text on the page.

U. S. LAND OFFICE Ute Mountain Tribal  
SERIAL NUMBER 14-20-604-89  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

### LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 482, Farmington, New Mexico  
Lessor or Tract Ute Mountain Tribal Field Verde-Gallup State New Mexico  
Well No. 2 Sec 33 T. 31N R. 15W Meridian N.M.P.M. County San Juan  
Location 2125 ft. N. of 6 Line and 660 ft. E. of E Line of Section 33 Elevation 5575

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

~~D-I-SCOTT~~

Date September 10, 1957

Title **Field Clerk**

The summary on this page is for the condition of the well at above date.

Commenced drilling June 22, 1957 Finished drilling July 19, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 2565 to 2680 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make     | Amount | Kind of shoe | Cut and pulled from | Perforated |     | Purpose    |
|-------------|-----------------|------------------|----------|--------|--------------|---------------------|------------|-----|------------|
|             |                 |                  |          |        |              |                     | From—      | To— |            |
| 8-5/8"      | 22.7            | 8AT              | Amaco    | 248    | Guide        |                     |            |     | Surface    |
| 5-1/2"      | 14              | 8AT              | National | 2566   | Guide        |                     |            |     | Oil string |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8       | 255       | 170 sacks Halliburton  | 2 Plug      |             |                    |
| 5-1/2       | 2565      | 100 sacks Halliburton  | 2 Plug      |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material..... Size .....

## SHOOTING RECORD

| <b>Size</b> | <b>Shell used</b> | <b>Explosive used</b> | <b>Quantity</b> | <b>Date</b> | <b>Depth shot</b> | <b>Depth cleaned out</b> |
|-------------|-------------------|-----------------------|-----------------|-------------|-------------------|--------------------------|
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## 2020 DATES

August 11, 1957 Put to producing Shut in, 19

The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....% emulsion; .....% water; and .....% sediment. 96 Gravity, °Bé. 99.8

If gas well, cu. ft. per 24 <sup>2</sup> hours ..... Gallons gasoline per 1,000 cu. ft. of gas <sup>40.5</sup> .....

Rock pressure, lbs. per sq. in. ....

## EMPLOYEES

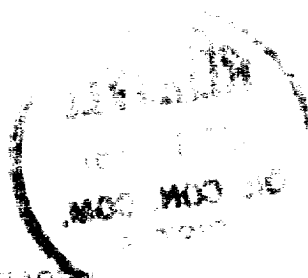
|                     |                       |
|---------------------|-----------------------|
| ....., Driller      | ....., Driller        |
| <b>E. I. Martin</b> | <b>Paul A. Glover</b> |
| ....., Driller      | ....., Driller        |
| <b>Don Murray</b>   | <b>C. G. Shelton</b>  |

**FORMATION RECORD**

# FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                      |
|-------|------|------------|--------------------------------|
| 0     | 255  | 255        | Surface sands & shale.         |
| 255   | 952  | 697        | Wenefee Sands, shales & coals. |
| 952   | 1292 | 340        | Point Lookout sand             |
| 1292  | 2305 | 1013       | Mancos Shale.                  |
| 2305  | 2680 | 375        | Delup Sands                    |

1. The first step is to identify the problem. This involves understanding the current situation, identifying the problem, and determining the scope of the problem.



NEWARK, N.J., Dec. 10 (AP) —

SECRET

[illegible]

1. The following information is being furnished to you for your information only. It is not intended to be used for any other purpose.

Oil or Gas Sands or Zones

gallons oil, and 40,000 pounds sand, using 275 gallons Tret-O-Lite B-72 in the fluid. Average infection rate 61 %.

[illegible]

5-1/2" casing was set at 2565' with 100 sacks of cement. After waiting

ceasing was not at 2551 with 170 sacks of cement. After waiting no further, the cement was set at 2651 for 24 hours, ceasing and water shut off were tested with 700

This cell was added in June 22, 1957, and in June 25, 1957, 8-5/8"

"sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

| FROM | TO | TOTAL FEET | FORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------|----|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |    |            | <p>1. 1000</p> <p>2. 1000</p> <p>3. 1000</p> <p>4. 1000</p> <p>5. 1000</p> <p>6. 1000</p> <p>7. 1000</p> <p>8. 1000</p> <p>9. 1000</p> <p>10. 1000</p> <p>11. 1000</p> <p>12. 1000</p> <p>13. 1000</p> <p>14. 1000</p> <p>15. 1000</p> <p>16. 1000</p> <p>17. 1000</p> <p>18. 1000</p> <p>19. 1000</p> <p>20. 1000</p> <p>21. 1000</p> <p>22. 1000</p> <p>23. 1000</p> <p>24. 1000</p> <p>25. 1000</p> <p>26. 1000</p> <p>27. 1000</p> <p>28. 1000</p> <p>29. 1000</p> <p>30. 1000</p> <p>31. 1000</p> <p>32. 1000</p> <p>33. 1000</p> <p>34. 1000</p> <p>35. 1000</p> <p>36. 1000</p> <p>37. 1000</p> <p>38. 1000</p> <p>39. 1000</p> <p>40. 1000</p> <p>41. 1000</p> <p>42. 1000</p> <p>43. 1000</p> <p>44. 1000</p> <p>45. 1000</p> <p>46. 1000</p> <p>47. 1000</p> <p>48. 1000</p> <p>49. 1000</p> <p>50. 1000</p> <p>51. 1000</p> <p>52. 1000</p> <p>53. 1000</p> <p>54. 1000</p> <p>55. 1000</p> <p>56. 1000</p> <p>57. 1000</p> <p>58. 1000</p> <p>59. 1000</p> <p>60. 1000</p> <p>61. 1000</p> <p>62. 1000</p> <p>63. 1000</p> <p>64. 1000</p> <p>65. 1000</p> <p>66. 1000</p> <p>67. 1000</p> <p>68. 1000</p> <p>69. 1000</p> <p>70. 1000</p> <p>71. 1000</p> <p>72. 1000</p> <p>73. 1000</p> <p>74. 1000</p> <p>75. 1000</p> <p>76. 1000</p> <p>77. 1000</p> <p>78. 1000</p> <p>79. 1000</p> <p>80. 1000</p> <p>81. 1000</p> <p>82. 1000</p> <p>83. 1000</p> <p>84. 1000</p> <p>85. 1000</p> <p>86. 1000</p> <p>87. 1000</p> <p>88. 1000</p> <p>89. 1000</p> <p>90. 1000</p> <p>91. 1000</p> <p>92. 1000</p> <p>93. 1000</p> <p>94. 1000</p> <p>95. 1000</p> <p>96. 1000</p> <p>97. 1000</p> <p>98. 1000</p> <p>99. 1000</p> <p>100. 1000</p> |