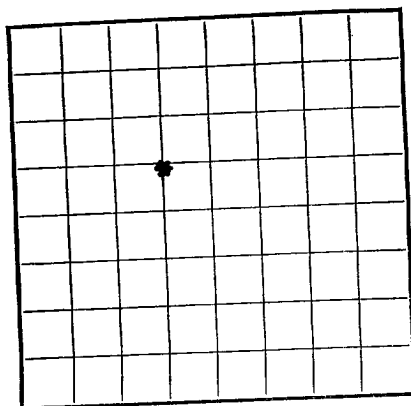


MAR 22 1962

STANDLEY

Budget Bureau No. 42-R355.4.  
Approval expires 12-31-60.U. S. LAND OFFICE  
SERIAL NUMBER **NM 037667**  
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **Pan American Petroleum Corporation** Address **Box 68, Hobbs, New Mexico**  
Lessor or Tract **USA Courtland Myers "B"** Field **Langlie Mattix** State **New Mexico**  
Well No. **23** Sec. **5** T. **24S** R. **37E** Meridian **NMPN** County **Lea**  
Location **1992.54** ft. **N** of **N** Line and **1992.54** ft. **E** of **N** Line of **Sec. 5** Elevation **(Derrick floor relative to sea level)**  
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 \_\_\_\_\_ Original Signed by: **F. S. STALEY**

Date **March 15, 1962**Title **AREA SUPERINTENDENT**

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

Commenced drilling **February 22**, 19**62** Finished drilling **March 1**, 19**62**OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from **3437** to **3680** 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. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, 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—         |                |
| <b>8-5/8"</b> | <b>22.7#</b>    | <b>50</b>        | <b>SA</b> | <b>3437</b> | <b>Open Hole</b> |                     |             |             | <b>Surface</b> |
| <b>4-1/2"</b> | <b>9.5#</b>     | <b>52</b>        | <b>SA</b> | <b>3729</b> | <b>Open Hole</b> |                     | <b>3437</b> | <b>3680</b> | <b>Oil</b>     |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set   | Number sacks of cement | Method used      | Mud gravity | Amount of mud used |
|---------------|-------------|------------------------|------------------|-------------|--------------------|
| <b>8-5/8"</b> | <b>349</b>  | <b>225 - Cure</b>      | <b>Pump Plug</b> |             |                    |
| <b>4-1/2"</b> | <b>3729</b> | <b>335</b>             | <b>" "</b>       |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size | Shell used                                     | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------------------------------------------|----------------|----------|------|------------|-------------------|
|      | <b>Acidized w/1000 gal LITNE</b>               |                |          |      |            |                   |
|      | <b>S-O-F w/19,000 gal oil &amp; 38,000# SN</b> |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from **0** feet to **3729** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Completed **March 14**, 19**62** Put to producing **March 12**, 19**62**  
The production for the first 24 hours was **64** barrels of fluid of which **100** % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. **39.4**

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas **1245 GOR**  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

**Davidson Bros. Co.**  
**Paul R. McQueen**, Driller **R. J. Gaspard**, Driller  
**Glenn Morrow**, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET  | FORMATION                |
|-------------|-------------|-------------|--------------------------|
| <b>0</b>    | <b>163</b>  | <b>163</b>  | <b>Shells, Sand Rock</b> |
| <b>163</b>  | <b>1240</b> | <b>1077</b> | <b>Red Bed</b>           |
| <b>1240</b> | <b>2115</b> | <b>875</b>  | <b>Anhy, Salt</b>        |
| <b>2115</b> | <b>2266</b> | <b>151</b>  | <b>Salt</b>              |
| <b>2266</b> | <b>2720</b> | <b>454</b>  | <b>Anhy, Salt</b>        |
| <b>2720</b> | <b>3035</b> | <b>315</b>  | <b>Anhy, Gyp</b>         |
| <b>3035</b> | <b>3164</b> | <b>129</b>  | <b>Anhy</b>              |
| <b>3164</b> | <b>3729</b> | <b>565</b>  | <b>Lime</b>              |

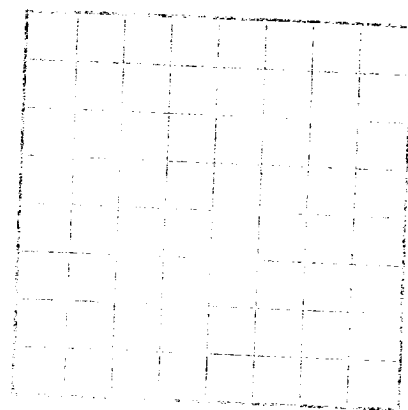
**Tops - E Log**  
**Yates - 2891**  
**S. R. - 3174**  
**Queen - 3437**

LOOKING RECORD - CONTINUED

U.S. LAND OFFICE  
WASHINGTON, D.C.  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OFFICE OF THE ASSISTANT ATTORNEY GENERAL  
WASHINGTON, D.C.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LEWY RAD 50 100 100 100



14-00000 JEWETT

[illegible][illegible]

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 "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.

# HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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