

[illegible]U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 028992 B

LEASE OR PERMIT TO PROSPECT.....

30-015-04368

UNITED STATES <sup>2000</sup>  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company ROLAND RICH WOOLLEY Address Box 398, Loco Hills

Lessor or Tract Roland Rich Woolley Field Fren State New Mexico

Arnold 8-B  
Well No. \_\_\_\_\_ Sec. 27 T. 17 R. 30 Meridian N.M.P.M. County Eddy

Location 330 ft.  $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$  of N. Line and 1650 ft.  $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$  of E. Line of Sec. 27 Elevation 3625' (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 J. O. Dwyer

Date \_\_\_\_\_

Title Superintendent.....

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

Commenced drilling March 8, 19 46 Finished drilling March 28, 19 46

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 1913' to 1927' No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from 1927' to 1933' No. 5, from to

No. 3, from 1945' to 1950' No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 370' 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— |         |
| 8 5/8"      | 24#             | 8R               | Beth. | 491'   | Tex. Pat.    |                     |                            |     |         |
|             |                 |                  |       |        |              |                     | HISTORY OF OIL OR GAS WELL |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8"      | 491'      | 50                     | Halliburton |             | top to bottom      |
| 7"          | 1805'     | 100                    | "           |             | " " "              |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      | 5"         | Glycerine      | 240qts   | 4/2  | 1967'      | 1908'             |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

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

Cable tools were used from 0 feet to 1981 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

Put to producing \_\_\_\_\_, 19\_\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ %

emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

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# LOG OF OIL OR GAS WELL

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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 \_\_\_\_\_

Location:  $N. \frac{1}{2}$  of  $E. \frac{1}{4}$  of \_\_\_\_\_ line of \_\_\_\_\_  
 Section \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_  
 County \_\_\_\_\_ State \_\_\_\_\_

Address \_\_\_\_\_

Completed drilling \_\_\_\_\_ 19\_\_\_\_  
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

(c) and shall

|             |    |             |    |
|-------------|----|-------------|----|
| No. 1, from | to | No. 4, from | to |
| No. 2, from | to | No. 5, from | to |
| No. 3, from | to | No. 6, from | to |

## IMPORTANT WATER SANDS

to ..... from No. 1 .....  
to ..... from No. 2 .....  
to ..... from No. 3 .....  
to ..... from No. 4 .....  
to ..... from No. 5 .....  
to ..... from No. 6 .....  
to ..... from No. 7 .....  
to ..... from No. 8 .....  
to ..... from No. 9 .....  
to ..... from No. 10 .....

## CARRYING RECORD

| Item     | Quantity | Unit | Value | Remarks |
|----------|----------|------|-------|---------|
| 1. 1000  | 1000     | 1000 | 1000  | 1000    |
| 2. 1000  | 1000     | 1000 | 1000  | 1000    |
| 3. 1000  | 1000     | 1000 | 1000  | 1000    |
| 4. 1000  | 1000     | 1000 | 1000  | 1000    |
| 5. 1000  | 1000     | 1000 | 1000  | 1000    |
| 6. 1000  | 1000     | 1000 | 1000  | 1000    |
| 7. 1000  | 1000     | 1000 | 1000  | 1000    |
| 8. 1000  | 1000     | 1000 | 1000  | 1000    |
| 9. 1000  | 1000     | 1000 | 1000  | 1000    |
| 10. 1000 | 1000     | 1000 | 1000  | 1000    |
| 11. 1000 | 1000     | 1000 | 1000  | 1000    |
| 12. 1000 | 1000     | 1000 | 1000  | 1000    |
| 13. 1000 | 1000     | 1000 | 1000  | 1000    |
| 14. 1000 | 1000     | 1000 | 1000  | 1000    |
| 15. 1000 | 1000     | 1000 | 1000  | 1000    |
| 16. 1000 | 1000     | 1000 | 1000  | 1000    |
| 17. 1000 | 1000     | 1000 | 1000  | 1000    |
| 18. 1000 | 1000     | 1000 | 1000  | 1000    |
| 19. 1000 | 1000     | 1000 | 1000  | 1000    |
| 20. 1000 | 1000     | 1000 | 1000  | 1000    |
| 21. 1000 | 1000     | 1000 | 1000  | 1000    |
| 22. 1000 | 1000     | 1000 | 1000  | 1000    |
| 23. 1000 | 1000     | 1000 | 1000  | 1000    |
| 24. 1000 | 1000     | 1000 | 1000  | 1000    |
| 25. 1000 | 1000     | 1000 | 1000  | 1000    |
| 26. 1000 | 1000     | 1000 | 1000  | 1000    |
| 27. 1000 | 1000     | 1000 | 1000  | 1000    |
| 28. 1000 | 1000     | 1000 | 1000  | 1000    |
| 29. 1000 | 1000     | 1000 | 1000  | 1000    |
| 30. 1000 | 1000     | 1000 | 1000  | 1000    |
| 31. 1000 | 1000     | 1000 | 1000  | 1000    |
| 32. 1000 | 1000     | 1000 | 1000  | 1000    |
| 33. 1000 | 1000     | 1000 | 1000  | 1000    |
| 34. 1000 | 1000     | 1000 | 1000  | 1000    |
| 35. 1000 | 1000     | 1000 | 1000  | 1000    |
| 36. 1000 | 1000     | 1000 | 1000  | 1000    |
| 37. 1000 | 1000     | 1000 | 1000  | 1000    |
| 38. 1000 | 1000     | 1000 | 1000  | 1000    |
| 39. 1000 | 1000     | 1000 | 1000  | 1000    |
| 40. 1000 | 1000     | 1000 | 1000  | 1000    |
| 41. 1000 | 1000     | 1000 | 1000  | 1000    |
| 42. 1000 | 1000     | 1000 | 1000  | 1000    |
| 43. 1000 | 1000     | 1000 | 1000  | 1000    |
| 44. 1000 | 1000     | 1000 | 1000  | 1000    |
| 45. 1000 | 1000     | 1000 | 1000  | 1000    |
| 46. 1000 | 1000     | 1000 | 1000  | 1000    |
| 47. 1000 | 1000     | 1000 | 1000  | 1000    |
| 48. 1000 | 1000     | 1000 | 1000  | 1000    |
| 49. 1000 | 1000     | 1000 | 1000  | 1000    |
| 50. 1000 | 1000     | 1000 | 1000  | 1000    |
| 51. 1000 | 1000     | 1000 | 1000  | 1000    |
| 52. 1000 | 1000     | 1000 | 1000  | 1000    |
| 53. 1000 | 1000     | 1000 | 1000  | 1000    |
| 54. 1000 | 1000     | 1000 | 1000  | 1000    |
| 55. 1000 | 1000     | 1000 | 1000  | 1000    |
| 56. 1000 | 1000     | 1000 | 1000  | 1000    |
| 57. 1000 | 1000     | 1000 | 1000  | 1000    |
| 58. 1000 | 1000     | 1000 | 1000  | 1000    |
| 59. 1000 | 1000     | 1000 | 1000  | 1000    |
| 60. 1000 | 1000     | 1000 | 1000  | 1000    |
| 61. 1000 | 1000     | 1000 | 1000  | 1000    |
| 62. 1000 | 1000     | 1000 | 1000  | 1000    |
| 63. 1000 | 1000     | 1000 | 1000  | 1000    |
| 64. 1000 | 1000     | 1000 | 1000  | 1000    |
| 65. 1000 | 1000     | 1000 | 1000  | 1000    |
| 66. 1000 | 1000     | 1000 | 1000  | 1000    |
| 67. 1000 | 10       |      |       |         |

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 "underpacked" 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.

## HISTORY OF OIL OR GAS WELL

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