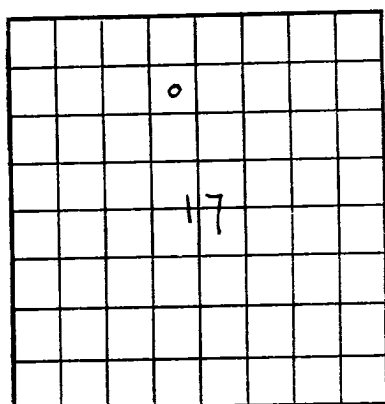
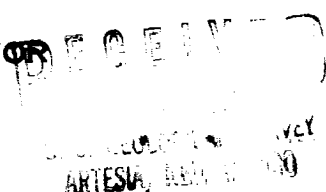


COPY TO O. C. C.

U. S. LAND OFFICE **Las Cruces**  
SERIAL NUMBER **070394**  
LEASE OR PERMIT TO PROSPECT



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Robt. W. Atha** Address **1504 Highland Rd., Roswell, N. M.**  
Lessor or Tract **Dale Rasler LG-070394** Field **wild-cat** State **New Mexico**  
Well No. **Rasler** Sec. **19** T. **20S** R. **26E** Meridian **N. M. P. M.** County **Eddy**  
Location **990 ft. [S.]** of **N** Line and **2310 ft. [E.]** of **N** Line of **Sec. 19** Elevation **3367'**  
(Derive 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 **Robt. W. Atha**

Date **June 10, 1953**

Title

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

Commenced drilling **May 16,** 19 **53** Finished drilling **May 31,** 19 **53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

No. 1, from **178'** to **185'** No. 3, from **565'** to **570'**  
No. 2, from **465'** to **470'** 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>10"</b>  | <b>45</b>       | <b>8</b>         | <b>Am. L.</b> | <b>316'</b> | <b>Texas</b> | <b>316'</b>         |            |     |         |
|             |                 |                  |               |             |              |                     |            |     |         |
|             |                 |                  |               |             |              |                     |            |     |         |
|             |                 |                  |               |             |              |                     |            |     |         |
|             |                 |                  |               |             |              |                     |            |     |         |
|             |                 |                  |               |             |              |                     |            |     |         |
|             |                 |                  |               |             |              |                     |            |     |         |
|             |                 |                  |               |             |              |                     |            |     |         |
|             |                 |                  |               |             |              |                     |            |     |         |

MUDDING AND CEMENTING RECORD

| Size casing | Where set   | Number sacks of cement  | Method used | Mud gravity | Amount of mud used    |
|-------------|-------------|-------------------------|-------------|-------------|-----------------------|
| <b>10"</b>  | <b>316'</b> | <b>25 sacks Aquapac</b> |             |             | <b>mud to surface</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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet  
Cable tools were used from **0** feet to **827** feet, and from feet to feet

DATES

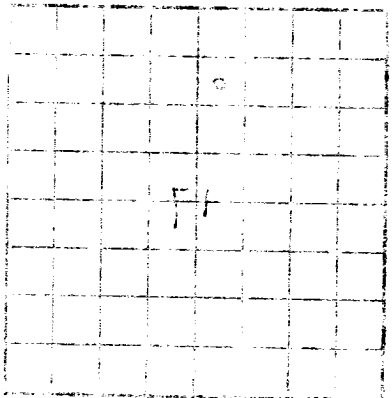
Put to producing, 19  
The production for the first 24 hours was barrels of fluid of which % was oil; %  
emulsion; % water; and % sediment. Gravity, °Bé.  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

EMPLOYEES

**V. A. Lane**, Driller **Harlan Johnson**, Driller  
Driller

FORMATION RECORD

| FROM—    | TO—        | TOTAL FEET | FORMATION                                |
|----------|------------|------------|------------------------------------------|
| <b>0</b> | <b>3</b>   |            | <b>Soil</b>                              |
|          | <b>45</b>  |            | <b>Caliche</b>                           |
|          | <b>60</b>  |            | <b>Gravel</b>                            |
|          | <b>80</b>  |            | <b>Gravel and shale</b>                  |
|          | <b>95</b>  |            | <b>Clay and Gravel</b>                   |
|          | <b>120</b> |            | <b>Gravel and shale - Crevice @ 110'</b> |
|          | <b>170</b> |            | <b>Anhy and shale LI-SSS</b>             |
|          | <b>178</b> |            | <b>Lime shells</b>                       |
|          | <b>185</b> |            | <b>Lime shells - Broken - Water</b>      |
|          | <b>229</b> |            | <b>Shale and lime shells</b>             |
|          | <b>225</b> |            | <b>Red shale</b>                         |
|          | <b>235</b> |            | <b>Anhy</b>                              |
|          | <b>250</b> |            | <b>Anhy and sand</b>                     |
|          | <b>260</b> |            | <b>Red sand and Anhy</b>                 |
|          | <b>265</b> |            | <b>Anhy</b>                              |
|          | <b>270</b> |            | <b>Lime</b>                              |
|          | <b>285</b> |            | <b>Anhy</b>                              |
|          | <b>316</b> |            | <b>Anhy - broken</b>                     |
|          | <b>328</b> |            | <b>Blue shale</b>                        |
|          | <b>335</b> |            | <b>Gray sand - Show oil</b>              |
|          | <b>340</b> |            | <b>Gray lime</b>                         |
|          | <b>355</b> |            | <b>Gray lime</b>                         |
|          | <b>375</b> |            | <b>Broken lime</b>                       |
|          | <b>381</b> |            | <b>Brown lime</b>                        |
|          | <b>390</b> |            | <b>Sand</b>                              |
|          | <b>395</b> |            | <b>Lime</b>                              |



LOG OF OIL OR GAS WELL

DATE: 1/1/1911  
WELL NO. 1  
LOCATION: ...  
The information on this log is for the record only and is not to be used for any other purpose.  
The information on this log is for the record only and is not to be used for any other purpose.

OIL OR GAS RECORD

No. 1 from 128' to 130'  
No. 2 from 130' to 132'  
No. 3 from 132' to 134'  
No. 4 from 134' to 136'  
No. 5 from 136' to 138'  
No. 6 from 138' to 140'  
No. 7 from 140' to 142'  
No. 8 from 142' to 144'  
No. 9 from 144' to 146'  
No. 10 from 146' to 148'

CASING RECORD

| Casing | Size | Weight | Threads | Per | Foot | Make | Amount | Kind of steel | Cut and surface | Remarks |
|--------|------|--------|---------|-----|------|------|--------|---------------|-----------------|---------|
|        |      |        |         |     |      |      |        |               |                 |         |

HISTORY OF OIL OR GAS WELL

| HISTORY OF OIL OR GAS WELL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| 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, position, and results of pumping or bailing. |  |  |  |  |  |  |  |  |  |
| MUDGING AND CEMENTING RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |  |  |  |
| PRODUCTION RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |  |
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