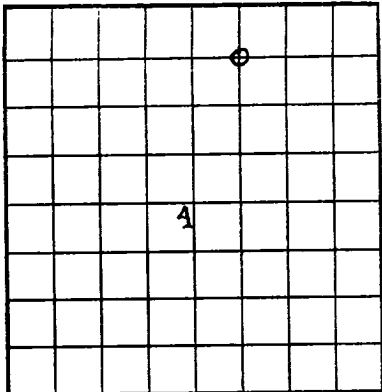


U. S. LAND OFFICE L.C.  
SERIAL NUMBER 047200  
LEASE OR PERMIT TO PROSPECT Evans



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 398, Artesia, N.M.  
Lessor or Tract A.W. Evans Field Grayburg State N.M.  
Well No. 3 Sec. 4 T. 17S R. 30E Meridian N.M.P.M. County Eddy  
Location 660 ft. {N} of N. Line and 1980 ft. {E} of E. Line of Section 4 Elevation 3719  
(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 \_\_\_\_\_

Date \_\_\_\_\_ Title Bookkeeper

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

Commenced drilling December 26, 1941 Finished drilling February 17, 1942

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 2937 to 2947 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 405 to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 2202 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— |         |
| <u>8 1/2"</u>                                        |                 |                  |      | <u>574'</u>  |              |                     |            |     |         |
| <u>7"</u>                                            |                 |                  |      | <u>2239'</u> |              |                     |            |     |         |
| <u>5 1/2"</u>                                        |                 |                  |      | <u>2790'</u> |              |                     |            |     |         |
| <u>(7" casing pulled when 5 1/2" casing was set)</u> |                 |                  |      |              |              |                     |            |     |         |

MUDDING AND CEMENTING RECORD

| Size casing   | Where set    | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---------------|--------------|------------------------|-------------|-------------|--------------------|
| <u>8 1/2"</u> | <u>574'</u>  | <u>50</u>              |             |             |                    |
| <u>7"</u>     | <u>2239'</u> |                        |             |             |                    |
| <u>5 1/2"</u> | <u>2790'</u> | <u>100</u>             |             |             | <u>100 sacks</u>   |

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 |
|------|-----------------------|----------------|----------------|----------------|------------------|-------------------|
|      | <u>Nitroglycerine</u> |                | <u>30 qts.</u> | <u>2/13/42</u> | <u>2914-2937</u> |                   |
|      |                       |                | <u>20 qts.</u> |                | <u>2937-2948</u> |                   |
|      |                       |                | <u>60 qts.</u> |                | <u>2948-2966</u> |                   |

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 2970 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

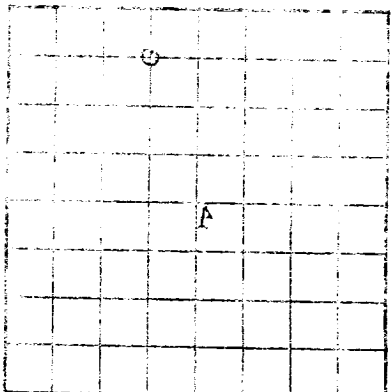
Put to producing February 16, 1942  
After shooting on 48 hr. test well made 201 barrels first 24 hrs. and  
173 barrels second 24 hr. test well had been shut in 24 hrs. before 48 hr.  
test was started. Flowed oil by hand through 7" casing and swabbed 50  
barrels in 24 hrs. before shooting.

EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
T.R. White \_\_\_\_\_, Driller L.N. Dunham \_\_\_\_\_, Driller  
J.J. Whitaker \_\_\_\_\_

FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET | FORMATION                             |
|-------------|-------------|------------|---------------------------------------|
| <u>0</u>    | <u>5</u>    | <u>5</u>   | Cellar                                |
| <u>5</u>    | <u>100</u>  | <u>95</u>  | Sand & Red Rock                       |
| <u>100</u>  | <u>255</u>  | <u>155</u> | Red Sand & Shale                      |
| <u>255</u>  | <u>272</u>  | <u>17</u>  | Red Rock                              |
| <u>272</u>  | <u>370</u>  | <u>98</u>  | Anyhydrite (Top Anyhydrite 272)       |
| <u>370</u>  | <u>430</u>  | <u>60</u>  | Anyhydrite & Red Shale (Water at 405) |
| <u>430</u>  | <u>464</u>  | <u>34</u>  | Anyhydrite & Red Rock                 |
| <u>464</u>  | <u>474</u>  | <u>10</u>  | Salt (Top of Salt 464 Feet)           |
| <u>474</u>  | <u>490</u>  | <u>16</u>  | Salt & Potash                         |
| <u>490</u>  | <u>550</u>  | <u>60</u>  | Salt                                  |
| <u>550</u>  | <u>610</u>  | <u>60</u>  | Salt & Polyhalite                     |
| <u>610</u>  | <u>645</u>  | <u>35</u>  | Salt & Potash                         |
| <u>645</u>  | <u>685</u>  | <u>40</u>  | Salt                                  |
| <u>685</u>  | <u>700</u>  | <u>15</u>  | Salt & Red Rock                       |
| <u>700</u>  | <u>765</u>  | <u>65</u>  | Salt & Potash                         |
| <u>765</u>  | <u>955</u>  | <u>190</u> | Salt                                  |
| <u>955</u>  | <u>1000</u> | <u>45</u>  | Salt & Potash                         |
| <u>1000</u> | <u>1125</u> | <u>125</u> | Salt (Bottom of Salt)                 |
| <u>1125</u> | <u>1165</u> | <u>40</u>  | Anyhydrite                            |
| <u>1165</u> | <u>1215</u> | <u>50</u>  | Anyhydrite & Red Rock breaks          |
| <u>1215</u> | <u>1310</u> | <u>95</u>  | Anyhydrite                            |
| <u>1310</u> | <u>1375</u> | <u>265</u> | Anyhydrite & Red Rock                 |
| <u>1375</u> | <u>1605</u> | <u>30</u>  | Anyhydrite                            |
| <u>1605</u> | <u>1680</u> | <u>75</u>  | Anyhydrite & Red Rock                 |
| <u>1680</u> | <u>1930</u> | <u>250</u> | Anyhydrite                            |
| <u>1930</u> | <u>1970</u> | <u>40</u>  | Anyhydrite & Red Rock breaks          |



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Company \_\_\_\_\_  
Lessor or Trust \_\_\_\_\_  
Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_  
Location \_\_\_\_\_ of \_\_\_\_\_ line of \_\_\_\_\_  
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 \_\_\_\_\_  
Date \_\_\_\_\_  
The summary on this page is for the condition of the well at above date.  
Commenced drilling \_\_\_\_\_  
Finished drilling \_\_\_\_\_

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

| Size | Weight | Length in feet | Amount | Kind of shoe | Cost and kind of cement | Remarks |
|------|--------|----------------|--------|--------------|-------------------------|---------|
|------|--------|----------------|--------|--------------|-------------------------|---------|

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 "struck" 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

U. S. GOVERNMENT PRINTING OFFICE 8-5745

| Size | Weight | Length in feet | Amount | Kind of shoe | Cost and kind of cement | Remarks |
|------|--------|----------------|--------|--------------|-------------------------|---------|
|------|--------|----------------|--------|--------------|-------------------------|---------|

PLUGS AND ADAPTERS

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

SHOOTING RECORD

| Size | Shells used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|-------------|----------------|----------|------|------------|-------------------|
|------|-------------|----------------|----------|------|------------|-------------------|

TOOLS USED

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

DATES

Put to producing \_\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid containing \_\_\_\_\_% water and \_\_\_\_\_% gas.  
It was well on for 24 hours, producing \_\_\_\_\_ barrels of fluid containing \_\_\_\_\_% water and \_\_\_\_\_% gas.  
Rock pressure last reported \_\_\_\_\_

EMPLOYEES

\_\_\_\_\_  
\_\_\_\_\_

FORMATION ENCORED

FORMATION \_\_\_\_\_

| FROM | TO   | TOTAL FEET | FORMATION                                          |
|------|------|------------|----------------------------------------------------|
| 1970 | 2040 | 70         | Anydrite & Red Rock                                |
| 2040 | 2185 | 145        | Anydrite                                           |
| 2185 | 2190 | 5          | Blue Shale                                         |
| 2190 | 2210 | 20         | Red Sand (Water at 2202)                           |
| 2210 | 2210 | 0          | Anydrite                                           |
| 2210 | 2225 | 15         | Anydrite & Red Rock                                |
| 2225 | 2235 | 10         | Anydrite                                           |
| 2235 | 2250 | 15         | Anydrite & Lime                                    |
| 2250 | 2265 | 15         | Lime                                               |
| 2265 | 2280 | 15         | Grey Lime                                          |
| 2280 | 2285 | 5          | Lime                                               |
| 2285 | 2720 | 435        | Grey Lime                                          |
| 2720 | 2890 | 170        | Lime                                               |
| 2890 | 2895 | 5          | Lime                                               |
| 2895 | 2930 | 35         | Lime Sandy                                         |
| 2930 | 2937 | 7          | Lime (Show of oil 2890-2895)                       |
| 2937 | 2947 | 10         | Bottom of Oil Sand (Increase in oil & gas at 2927) |
| 2947 | 2950 | 3          | Lime Sandy                                         |
| 2950 | 2970 | 20         | Lime                                               |
| 2970 | 2970 | 0          |                                                    |