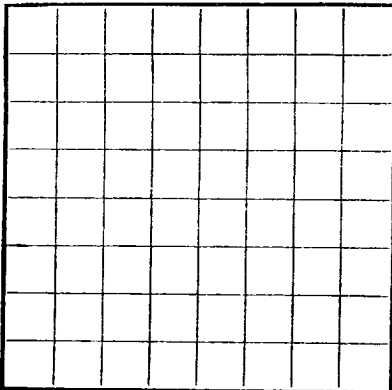


U. S. LAND OFFICE **Las Cruces**  
SERIAL NUMBER **067614**  
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **Hudson & Hudson, Inc.** Address **1810 Electric Building  
Port Worth, Texas**  
Lessor or Tract **Hover - Federal** Field \_\_\_\_\_ State **New Mexico**  
Well No. **1** Sec. **28** T. **208** R. **34E** Meridian **NMPM** County **Lea**  
Location **1980** ft. **N** from \_\_\_\_\_ Line and **660** ft. **E** from \_\_\_\_\_ Line of **Sec. 28** Elevation **3712** Gr  
(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 *[Signature]*Date **May 1st, 1957** Title **President**

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

Commenced drilling **May 26, 1957**, 19\_\_\_\_ Finished drilling **June 27th**, 19 **57**

## 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 \_\_\_\_\_ 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>13 3/8</b> |                 |                  |      | <b>72</b>   |              | <b>all</b>          |            |     |         |
| <b>10 3/4</b> |                 |                  |      | <b>581</b>  |              | <b>all</b>          |            |     |         |
| <b>8 5/8</b>  |                 |                  |      | <b>1235</b> |              | <b>all</b>          |            |     |         |
| <b>8 5/8</b>  |                 |                  |      | <b>3468</b> |              | <b>all</b>          |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 **1** feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
**Plugged and Abandoned**

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

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
**H. Mickman** \_\_\_\_\_, Driller **R. M. Jones** \_\_\_\_\_, Driller  
**D. J. Hopper**

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET | FORMATION                       |
|-------------|-------------|------------|---------------------------------|
| <b>0</b>    | <b>7</b>    | <b>7</b>   | <b>Cellar</b>                   |
| <b>7</b>    | <b>12</b>   | <b>5</b>   | <b>Caliche</b>                  |
| <b>12</b>   | <b>38</b>   | <b>26</b>  | <b>Sand</b>                     |
| <b>38</b>   | <b>40</b>   | <b>2</b>   | <b>Red Shale</b>                |
| <b>40</b>   | <b>60</b>   | <b>20</b>  | <b>Red Rock</b>                 |
| <b>60</b>   | <b>40</b>   | <b>20</b>  | <b>Red Sandy Shale</b>          |
| <b>100</b>  | <b>235</b>  | <b>135</b> | <b>Blue Sandy Shale</b>         |
| <b>135</b>  | <b>260</b>  | <b>125</b> | <b>Sand</b>                     |
| <b>260</b>  | <b>285</b>  | <b>25</b>  | <b>Red Sandy Shale</b>          |
| <b>285</b>  | <b>694</b>  | <b>409</b> | <b>Red Shale</b>                |
| <b>694</b>  | <b>738</b>  | <b>44</b>  | <b>Red Sandy Shale</b>          |
| <b>738</b>  | <b>850</b>  | <b>112</b> | <b>Red Shale</b>                |
| <b>850</b>  | <b>900</b>  | <b>50</b>  | <b>Red Sandy Shale</b>          |
| <b>900</b>  | <b>910</b>  | <b>10</b>  | <b>Red Shale</b>                |
| <b>910</b>  | <b>940</b>  | <b>30</b>  | <b>Water Sand</b>               |
| <b>940</b>  | <b>1070</b> | <b>130</b> | <b>Red Sandy Shale</b>          |
| <b>1070</b> | <b>1065</b> | <b>5</b>   | <b>Red Shale</b>                |
| <b>1065</b> | <b>1090</b> | <b>25</b>  | <b>Sand, Shale</b>              |
| <b>1090</b> | <b>1120</b> | <b>30</b>  | <b>Red Sandy Shale</b>          |
| <b>1120</b> | <b>1175</b> | <b>55</b>  | <b>Red Rock</b>                 |
| <b>1175</b> | <b>1235</b> | <b>60</b>  | <b>Red Shale</b>                |
| <b>1235</b> | <b>1245</b> | <b>10</b>  | <b>Red Rock</b>                 |
| <b>1245</b> | <b>1595</b> | <b>350</b> | <b>Red Shale</b>                |
| <b>1595</b> | <b>1627</b> | <b>32</b>  | <b>Anhydrite</b>                |
| <b>1627</b> | <b>1645</b> | <b>18</b>  | <b>Red Rock &amp; Anhydrite</b> |
| <b>1645</b> | <b>1670</b> | <b>25</b>  | <b>Anhydrite</b>                |

| FORMATION              | TOTAL FEET | TO-  | FROM- |
|------------------------|------------|------|-------|
| Blue shale             | 15         | 185  | 185   |
| Hydrite                | 48         | 173  | 185   |
| Salt & hydrite         | 47         | 170  | 173   |
| Salt & red rock        | 30         | 165  | 170   |
| Salt & hydrite         | 15         | 160  | 165   |
| Red shale              | 45         | 155  | 160   |
| Salt & red shale       | 150        | 140  | 155   |
| Salt                   | 50         | 135  | 140   |
| Salt & red shale       | 60         | 125  | 135   |
| Salt & red shale       | 60         | 115  | 125   |
| Salt & red shale       | 60         | 105  | 115   |
| Salt & red shale       | 60         | 95   | 105   |
| Salt                   | 15         | 80   | 95    |
| Hydrite & Potash       | 5          | 75   | 80    |
| Salt & Potash          | 25         | 50   | 75    |
| Salt                   | 22         | 28   | 50    |
| Salt & Potash          | 18         | 10   | 28    |
| Salt & red sandy shale | 10         | 0    | 10    |
| Salt & red shale       | 60         | 0    | 70    |
| Salt                   | 2          | 0    | 2     |
| Salt & Potash          | 45         | 0    | 47    |
| Salt & Potash          | 28         | 0    | 28    |
| Salt                   | 20         | 0    | 20    |
| Salt & Potash          | 25         | 0    | 25    |
| Salt                   | 20         | 0    | 20    |
| Salt & Potash          | 215        | 0    | 235   |
| Blue mud               | 20         | 2840 | 2860  |
| Salt                   | 25         | 2865 | 2890  |
| Salt & Potash          | 210        | 3075 | 3285  |
| Salt & Potash          | 15         | 3090 | 3105  |
| Salt                   | 15         | 3105 | 3120  |
| Hydrite                | 155        | 3260 | 3415  |
| Salt                   | 10         | 3270 | 3280  |
| Salt & hydrite         | 70         | 3340 | 3410  |
| Hydrite                | 20         | 3360 | 3380  |
| Hydrite & Lime         | 112        | 3470 | 3582  |
| Lime                   | 23         | 3495 | 3518  |
| Sand                   | 30         | 3525 | 3555  |
| Sand & shale           | 20         | 3545 | 3565  |
| Lime, broken           | 15         | 3560 | 3575  |
| Sand                   | 15         | 3575 | 3590  |
| Lime                   | 5          | 3580 | 3585  |
| White lime             | 52         | 3617 | 3669  |
| Lime                   | 5          | 3622 | 3627  |
| White lime             | 17         | 3639 | 3656  |
| Gray lime              | 16         | 3655 | 3671  |
| Lime                   | 25         | 3680 | 3705  |
| Gray lime              | 44         | 3724 | 3768  |
| Lime                   | 13         | 3737 | 3750  |

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