

U. S. LAND OFFICE NM  
SERIAL NUMBER 0973  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

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ILLEGIBLE

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RECEIVED  
FEB 25 1953  
U. S. GEOLOGICAL SURVEY  
DEPT. OF THE INTERIOR  
ROSWELL, NEW MEXICO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company \_\_\_\_\_ Address Vogel  
Lessor or Tract \_\_\_\_\_ Field \_\_\_\_\_ State NM  
Well No. \_\_\_\_\_ Sec. 4 T. 5 R. 3 Meridian \_\_\_\_\_ County \_\_\_\_\_  
Location ft. {N.} of \_\_\_\_\_ Line and \_\_\_\_\_ ft. {E.} of \_\_\_\_\_ Line of \_\_\_\_\_ 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 \_\_\_\_\_ Title \_\_\_\_\_  
Date Feb 22 1953

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

Commenced drilling 11-2-14, 19\_\_\_\_ Finished drilling 1-16, 19\_\_\_\_

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1260 to 1255 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 1210 to 1200 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— |         |
| 10 1/4      |                 |                  |      | 165    | 1 1/2        |                     |            |     |         |
| 8           |                 |                  |      | 100    | 1 1/2        |                     |            |     |         |
| 6           |                 |                  |      | 50     | 1 1/2        |                     |            |     |         |
| 4           |                 |                  |      | 25     | 1 1/2        |                     |            |     |         |
| 3           |                 |                  |      | 10     | 1 1/2        |                     |            |     |         |
| 2           |                 |                  |      | 5      | 1 1/2        |                     |            |     |         |
| 1           |                 |                  |      | 2      | 1 1/2        |                     |            |     |         |
| 1/2         |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 3/4         |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 1 1/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 1 3/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 2 1/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 2 3/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 3 1/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 3 3/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 4 1/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 4 3/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 5 1/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 5 3/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 6 1/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 6 3/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 7 1/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 7 3/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 8 1/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 8 3/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 9 1/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 9 3/4       |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 10 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 10 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 11 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 11 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 12 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 12 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 13 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 13 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 14 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 14 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 15 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 15 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 16 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 16 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 17 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 17 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 18 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 18 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 19 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 19 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 20 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 20 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 21 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 21 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 22 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 22 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 23 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 23 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 24 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 24 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 25 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 25 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 26 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 26 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 27 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 27 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 28 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 28 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 29 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 29 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 30 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 30 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 31 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 31 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 32 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 32 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 33 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 33 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 34 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 34 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 35 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 35 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 36 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 36 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 37 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 37 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 38 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 38 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 39 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 39 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 40 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 40 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 41 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 42 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 44 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 45 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 46 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 49 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 49 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 50 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 50 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 51 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 53 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 54 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 54 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 55 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 57 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 58 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 60 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 61 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 62 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 67 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 70 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 70 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 71 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 71 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 72 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 72 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 73 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 73 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 74 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 74 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 75 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 75 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 76 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 77 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 78 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 80 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 83 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 84 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 85 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 85 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 86 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 86 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 87 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 87 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 88 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 89 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 92 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 94 1/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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| 99 3/4      |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
| 100 1/4     |                 |                  |      | 1      | 1 1/2        |                     |            |     |         |
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