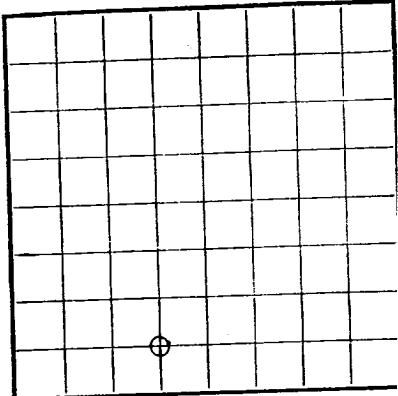


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 060122  
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

**RECEIVED**  
JUL 28 1958  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**LOG OF OIL OR GAS WELL**Company John H. Trigg Address P. O. Box 5629 Roswell, New Mexico  
Lessor or Tract Federal "B" Lease Field Wildcat State New Mexico  
Well No. 1-22 Sec. 22 T. 18S R. 27E Meridian N.M.P.M. County Sady  
Location 660 ft. N. of S Line and 1980 ft. E. of W Line of Section 22 Elevation 3425  
(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 Hugh W. Puckett  
Title GeologistDate March 19, 1958

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

Commenced drilling January 29, 1958 Finished drilling March 11, 1958**OIL OR GAS SANDS OR ZONES**  
(Denote gas by G)No. 1, from 1705 to 1718 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 1830 to 1838 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_**IMPORTANT WATER SANDS**No. 1, from 180 to 190 No. 3, from 1525 to 1535  
No. 2, from 1355 to 1365 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 3/4"     | 32#             |                  | J-55 | 266'   | Texas Pattern | all pulled          |            |      |         |
| 8 5/8"      | 24#             |                  | J-55 | 1531'  | Texas Pattern | 1474'               | 1706       | 1710 |         |
| 5 1/2"      | 15.5#           |                  | J-55 | 1875'  | Texas Pattern |                     | 1714       | 1718 |         |
|             |                 |                  |      |        |               |                     | 1830       | 1838 |         |

**MUDDING AND CEMENTING RECORD**

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10 3/4"     | 272       | Mudded                 |             |             |                    |
| 8 5/8"      | 1537      | Mudded                 |             |             |                    |
| 5 1/2"      | 1875      | 100                    | Pump        |             |                    |

**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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

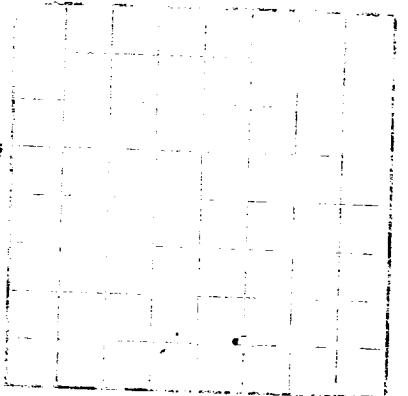
**TOOLS USED**Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 2833 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet**DATES**Plugged & Abandoned July 16, 1958  
~~Plugged & Abandoned~~The production for 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**W. D. Cape \_\_\_\_\_, Driller A. F. Frost \_\_\_\_\_, Driller  
G. E. Finchart \_\_\_\_\_, Driller \_\_\_\_\_, Driller**FORMATION RECORD**

| FROM— | TO—  | TOTAL FEET | FORMATION                                                    |
|-------|------|------------|--------------------------------------------------------------|
| 0     | 5    | 5          | Soil                                                         |
| 5     | 160  | 155        | Anhydrite                                                    |
| 160   | 215  | 55         | Sandy lime - water 180'                                      |
| 215   | 420  | 205        | Anhydrite and red beds                                       |
| 420   | 455  | 35         | Lime and anhydrite                                           |
| 455   | 1095 | 640        | Anhydrite with scattered lime breaks                         |
| 1095  | 1125 | 30         | Red Sand and shale                                           |
| 1125  | 1275 | 150        | Anhydrite with red shale breaks                              |
| 1275  | 1305 | 30         | Red Sand and Anhydrite                                       |
| 1305  | 1355 | 30         | Anhydrite with shale breaks                                  |
| 1355  | 1365 | 10         | Gray Sand - Hole full water                                  |
| 1365  | 1470 | 105        | Sand, blue shale, lime - possible water increase at 1430'    |
| 1470  | 1550 | 80         | Lime and sand                                                |
| 1550  | 1590 | 40         | Lime                                                         |
| 1590  | 1610 | 20         | Red Sand                                                     |
| 1610  | 1660 | 50         | Lime                                                         |
| 1660  | 1670 | 10         | Sand & lime                                                  |
| 1670  | 1700 | 30         | Lime                                                         |
| 1700  | 1715 | 15         | Gray Sand - slight show oil                                  |
| 1715  | 1820 | 105        | Lime                                                         |
| 1820  | 1827 | 7          | Sandy lime                                                   |
| 1827  | 1837 | 10         | Sand - slight show oil?                                      |
| 1837  | 1892 | 55         | Lime and sandy lime. Abt. 1 1/2 bal./hr. salt wtr. 1875 - 83 |



U. S. GEOLOGICAL SURVEY  
DEPARTMENT OF THE INTERIOR  
UNITED STATES  
ARIZONA

# LOG OF OIL OR GAS WELL

Company Name \_\_\_\_\_  
Address \_\_\_\_\_  
State \_\_\_\_\_  
Location \_\_\_\_\_  
The information on this log is to be filled in by the operator of the well and should be filled in as soon as the well is completed and before the well is abandoned.  
If the well is abandoned, the operator should fill in the date of abandonment and the reason therefor.  
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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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.

## HISTORY OF OIL OR GAS WELL

| FROM- | TO-   | TOTAL FEET | FORMATION               |
|-------|-------|------------|-------------------------|
| 1892  | 1995  | 103        | Lime                    |
| 1900  | 2010  | 15         | Gray Sand               |
| 2010  | 2150  | 140        | Lime                    |
| 2150  | 2250  | 100        | Lime - show of dead oil |
| 2250  | 2350  | 100        | Lime and chert          |
| 2350  | 2450  | 100        | Lime and chert          |
| 2450  | 2550  | 100        | Lime and chert          |
| 2550  | 2650  | 100        | Lime and chert          |
| 2650  | 2750  | 100        | Lime and chert          |
| 2750  | 2850  | 100        | Lime and chert          |
| 2850  | 2950  | 100        | Lime and chert          |
| 2950  | 3050  | 100        | Lime and chert          |
| 3050  | 3150  | 100        | Lime and chert          |
| 3150  | 3250  | 100        | Lime and chert          |
| 3250  | 3350  | 100        | Lime and chert          |
| 3350  | 3450  | 100        | Lime and chert          |
| 3450  | 3550  | 100        | Lime and chert          |
| 3550  | 3650  | 100        | Lime and chert          |
| 3650  | 3750  | 100        | Lime and chert          |
| 3750  | 3850  | 100        | Lime and chert          |
| 3850  | 3950  | 100        | Lime and chert          |
| 3950  | 4050  | 100        | Lime and chert          |
| 4050  | 4150  | 100        | Lime and chert          |
| 4150  | 4250  | 100        | Lime and chert          |
| 4250  | 4350  | 100        | Lime and chert          |
| 4350  | 4450  | 100        | Lime and chert          |
| 4450  | 4550  | 100        | Lime and chert          |
| 4550  | 4650  | 100        | Lime and chert          |
| 4650  | 4750  | 100        | Lime and chert          |
| 4750  | 4850  | 100        | Lime and chert          |
| 4850  | 4950  | 100        | Lime and chert          |
| 4950  | 5050  | 100        | Lime and chert          |
| 5050  | 5150  | 100        | Lime and chert          |
| 5150  | 5250  | 100        | Lime and chert          |
| 5250  | 5350  | 100        | Lime and chert          |
| 5350  | 5450  | 100        | Lime and chert          |
| 5450  | 5550  | 100        | Lime and chert          |
| 5550  | 5650  | 100        | Lime and chert          |
| 5650  | 5750  | 100        | Lime and chert          |
| 5750  | 5850  | 100        | Lime and chert          |
| 5850  | 5950  | 100        | Lime and chert          |
| 5950  | 6050  | 100        | Lime and chert          |
| 6050  | 6150  | 100        | Lime and chert          |
| 6150  | 6250  | 100        | Lime and chert          |
| 6250  | 6350  | 100        | Lime and chert          |
| 6350  | 6450  | 100        | Lime and chert          |
| 6450  | 6550  | 100        | Lime and chert          |
| 6550  | 6650  | 100        | Lime and chert          |
| 6650  | 6750  | 100        | Lime and chert          |
| 6750  | 6850  | 100        | Lime and chert          |
| 6850  | 6950  | 100        | Lime and chert          |
| 6950  | 7050  | 100        | Lime and chert          |
| 7050  | 7150  | 100        | Lime and chert          |
| 7150  | 7250  | 100        | Lime and chert          |
| 7250  | 7350  | 100        | Lime and chert          |
| 7350  | 7450  | 100        | Lime and chert          |
| 7450  | 7550  | 100        | Lime and chert          |
| 7550  | 7650  | 100        | Lime and chert          |
| 7650  | 7750  | 100        | Lime and chert          |
| 7750  | 7850  | 100        | Lime and chert          |
| 7850  | 7950  | 100        | Lime and chert          |
| 7950  | 8050  | 100        | Lime and chert          |
| 8050  | 8150  | 100        | Lime and chert          |
| 8150  | 8250  | 100        | Lime and chert          |
| 8250  | 8350  | 100        | Lime and chert          |
| 8350  | 8450  | 100        | Lime and chert          |
| 8450  | 8550  | 100        | Lime and chert          |
| 8550  | 8650  | 100        | Lime and chert          |
| 8650  | 8750  | 100        | Lime and chert          |
| 8750  | 8850  | 100        | Lime and chert          |
| 8850  | 8950  | 100        | Lime and chert          |
| 8950  | 9050  | 100        | Lime and chert          |
| 9050  | 9150  | 100        | Lime and chert          |
| 9150  | 9250  | 100        | Lime and chert          |
| 9250  | 9350  | 100        | Lime and chert          |
| 9350  | 9450  | 100        | Lime and chert          |
| 9450  | 9550  | 100        | Lime and chert          |
| 9550  | 9650  | 100        | Lime and chert          |
| 9650  | 9750  | 100        | Lime and chert          |
| 9750  | 9850  | 100        | Lime and chert          |
| 9850  | 9950  | 100        | Lime and chert          |
| 9950  | 10050 | 100        | Lime and chert          |