

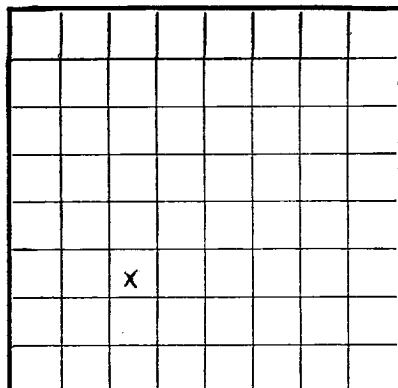
Santa Fe

U. S. LAND OFFICE

NH 073591

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED UNITED STATES  
DEPARTMENT OF THE INTERIOR  
JUN 5 1961  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

RECEIVED  
JUN 6 1961  
O. C. C.  
ARTESIA, OFFICE

## LOG OF OIL OR GAS WELL

Company E. P. Campbell Address 2127 San Mateo NE, Albuquerque, N. M.  
Lessor or Tract McMillan Field Wildcat State New Mexico  
Well No. 1 Sec. 15 T. 23S R. 19E Meridian NMPH County Otero  
Location 1650 ft. (N) of S Line and 1650 ft. (E) of W Line of Sec. 15 Elevation 4320  
(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

Bert DunganDate May 16, 1961Title Geologist

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

Commenced drilling April 23, 19 60 Finished drilling February 10, 19 61

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1120 to 1130 No. 4, from 1130 to 1140  
No. 2, from 1130 to 1140 No. 5, from 1140 to 1150  
No. 3, from 1140 to 1150 No. 6, from 1150 to 1160

## IMPORTANT WATER SANDS

No. 1, from 710 to 715 Fresh No. 3, from 2502 to 2602 Sulphur  
No. 2, from 1565 to 1615 Sulphur No. 4, from 3000 to 3100 Sulphur

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated |     | Purpose        |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-----|----------------|
|             |                 |                  |      |        |              |                     | From—      | To— |                |
| 13-3/8      | 48              | 8 rd             | J-55 | 62'    |              |                     |            |     | Surface        |
| 10-3/4      | 40              | 8 rd             | J-55 | 151'   |              |                     |            |     | Surface        |
| 8-5/8       | 32              | 8 rd             | J-55 | 2482'  |              |                     |            |     | Water shut off |
| 5-1/2       | 14              | 8 rd             | J-55 | 2482'  |              |                     |            |     | Water shut off |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 13-3/8      | 62        | Cemented to surface    | Cable tool  |             |                    |
| 10-3/4      | 151       | " " "                  | Cable tools |             |                    |

## 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 0 feet to 42' feet, and from 2890 feet to 3136 feet  
Cable tools were used from 42 feet to 2890 feet, and from 3136 feet to 3189 feet

## DATES

Plugged & Abandoned \_\_\_\_\_, 19\_\_\_\_ 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

E. P. Campbell Drilg. Co., DrillerLubbock, Texas, Driller

## FORMATION RECORD

| FROM— | TO—     | TOTAL FEET | FORMATION                              |
|-------|---------|------------|----------------------------------------|
| 0     | 880     | 880        | San Andres lime                        |
| 880   | 948     | 68         | Hondo sand & lime                      |
| 948   | 1918    | 970        | Upper Yeso dolomite, sand & anhydrite  |
| 1918  | 2355    | 437        | L. Yeso dolomite, sand & anhydrite     |
| 2355  | 2405    | 50         | Abo red & green shale, sand & dolomite |
| 2405  | 2780    | 375        | Abo dolomite                           |
| 2780  | 2820    | 40         | Abo red shale                          |
| 2820  | 3060    | 240        | Powwow shale and conglomerate          |
| 3060  | 3160    | 100        | Mississippian lime                     |
| 3160  | 3180    | 20         | Percha shale                           |
| 3180  | 3189 TD | 9          | Fusselman lime & dolomite              |

— 370 —