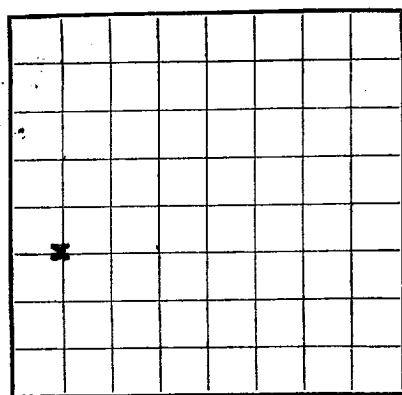


Form 9-330

U. S. LAND OFFICE New MexicoSERIAL NUMBER 94752-A

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED

JUN 30 1960  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICORECEIVED  
JUL 1 1960  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

## LOG OF OIL OR GAS WELL

Company Shell Oil Co. & Texas Crude Oil Co. Address 1201 V & J Tower, Midland, Texas  
Lessor or Tract Mg Eddy Unit Field Wildcat State New Mexico  
Well No. 1-21 Sec. 21 T. 20-S R. 32-E Meridian NMPH County Eddy  
Location 1980 ft. S. of Line and 660 ft. W. of Line of Sec. 21 Elevation 3538  
(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 June 26, 1960Title Division Superintendent

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

Commenced drilling 11-30, 1959 Finished drilling 1-12, 1960

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None 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 None 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— |         |
| 13-3/8      | 94.9            | 650              | 1:1 Pozzix, 1/2                                             | 100    | reg.         | Method used - Pump  |            |     |         |
| 9-5/8       | 2508            | 800              | w/20# Gisonite/x, 12# salt, 1% CaCl <sub>2</sub> , 200 Reg. |        |              | Method - Pump       |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used            | Mud gravity        | Amount of mud used |
|-------------|-----------|------------------------|------------------------|--------------------|--------------------|
| 13-3/8      | 949       | 650 sz 1:1 Pozmix, 1/2 | 100 sz reg.            | Method used - Pump |                    |
| 9-5/8       | 2508      | 800 w/20# Gisonite/sz, | 12# salt, 1% CaCl, 200 | Reg.               | Method - 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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 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

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION               |
|-------|------|------------|-------------------------|
| 0     | 240  | 240        | Redbeds & surface rocks |
| 240   | 960  | 720        | Redbeds & gyp           |
| 960   | 2175 | 1215       | Salt & anhydrite        |
| 2175  | 2649 | 474        | Dolomite                |
| 2649  | 3932 | 1283       | Dolomite w/sand         |
| 3932  | 6129 | 2197       | Dolomite w/sand & lime  |
| 6129  | 7803 | 1674       | Shale, sand & lime      |

## PLUGGING RECORD:

Cement Plugs: 4750-4800', 3800-3600', 3000-2750', 2400-875',  
10 in plug top 9-5/8" casing. Where cement isn't present, hole  
was filled w/9.7# drilling mud.

## TOPS:

Salt @ 1120'; Tansill @ 2390'; Windsor Doco @ 2490'; Delaware Sand @ 4700';  
Bona Springs @ 7746'. From samples

FROM—

TO—

TOTAL FEET

FORMATION

FORMATION RECORD—Continued

16-43004-4

