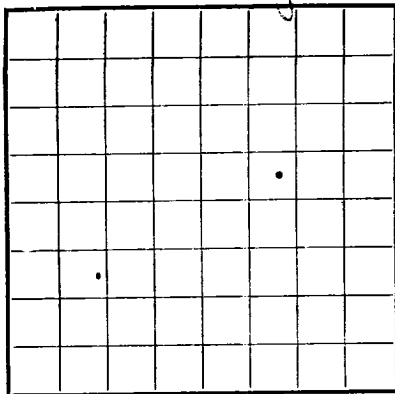




LOCATE WELL CORRECTLY

RECEIVED  
MAY 23 1961  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYArtesia  
U.S. LAND OFFICE  
LC 665105RECEIVED  
MAY 19 1961  
ARTESIA, NEW MEXICO

## LOG OF OIL OR GAS WELL

Company J. J. Travis Address Box 873, Midland, Texas  
Lessor or Tract Sheldon Federal Field Square Lake State New Mexico  
Well No. 1 Sec. 28 T. 16S R. 31E Meridian E County Eddy  
Location 1980 ft. N of N Line and 1650 ft. E of E Line of Sec. 28 Elevation 4028 GL  
(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 J. J. Travis Title Operator  
Date May 17, 1961

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

Commenced drilling 4-24-61, 1961 Finished drilling May 3, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3463 to 3467 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3502 to 3508 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 3664 to 3688 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—  |              |
| 8 5/8       | 24#             | 8                | Spang | 736    | Baker        | None                |            |      | Surface Cag. |
| 5 1/2       | 14#             | 8                | Spang | 3726   | Baker        | None                | 3460       | 3468 |              |
|             |                 |                  |       |        |              |                     | 3500       | 3508 |              |
|             |                 |                  |       |        |              |                     | 3664       | 3688 | Completion   |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement             | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------------------|-------------|-------------|--------------------|
| 8 5/8       | 736       | 250 - 4% gal - 2% calcium chloride | Pump & Plug | 10.2        |                    |
| 5 1/2       | 3726      | 200 sz                             | Pump & Plug | 10.1        |                    |

## 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 3726 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing May 12, 1961  
The production for the first 24 hours was 68 barrels of fluid of which 100 % was oil; 0 %  
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

Yates Drilling Company, Driller \_\_\_\_\_, Driller  
Artesia, New Mexico, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—           | TO—  | TOTAL FEET | FORMATION                  |
|-----------------|------|------------|----------------------------|
| 0               | 575  | 575        | Lime, anhydrite & salt     |
| 575             | 700  | 175        | Anhydrite & salt           |
| 700             | 1100 | 400        | Anhydrite & salt           |
| 1100            | 1850 | 750        | Anhydrite & Dolomite       |
| 1850            | 2550 | 700        | Anhydrite, Lime & Dolomite |
| 2550            | 3500 | 950        | Dolomite, Anhydrite & Sand |
| 3500            | 3650 | 150        | Sand & Dolomite            |
| 3650            | 3726 | 76         | Sand & Anhydrite           |
| TOPS            |      |            |                            |
| Queen - 2820    |      |            |                            |
| Grayburg 3270   |      |            |                            |
| San Andres 3350 |      |            |                            |

FORMATION RECORD—CONTINUED



Core Description  
J. J. Travis Sheldon No. 1  
Square Lake Field  
Eddy Co., New Mexico

RECEIVED  
MAY 23 1961

CORE NUMBER 1 3440-3490, cut 50 feet, recovered 50 feet

3440-44.5 Red shaley sand with a slight show of oil  
3444.5-63.5 Tan to grey dolomite with no show  
3453.5-67.5 Tan to grey FG sand with good porosity and show of oil  
3467.5-72.5 tan to grey FX dolomite with no shows  
3472.5-73.4 Red shaley VFG sand with no show  
3473.4-89.5 Tan to grey dolomite with no show  
3489.5-90 Tan to grey sand VFG with slight show of oil

CORE NUMBER 2 3490-3533, cut 43 feet, recovered 43 feet.

3490-90.4 Grey VFG sand with a slight show of oil, this is not pay.  
3490.4-91.4 Grey VVFG silt to sand with trace of oil stain, not pay.  
3491.4-92.3 Tan FX dolomite with no show  
3492.3-93.2 Red VFG sand tight with no show  
3493.2-94.4 Tan FX dolomite with no show  
3494.4-95.4 Grey FG sand with fair porosity and good show of oil, six feet of netpay.  
3507.5-19 Grey to red VFG sand with no show of oil and tight  
3519-20.5 Tan FX dolomite with no show  
352 .5-22.2 Red shale to a sandy shale, no shows  
3522.2-23.4 Grey to red sand tight with no show  
3523.4-24.4 Red shale with no show  
3524.4-25 Tan FX dolomite with no show  
3526-29.3 Shaley Anhydrite  
3529.3-33 Anhydritic sand tight with no shows

CORE NUMBER 3 3529-3578, cut 50 feet, recovered 50 feet

3529-55.3 Tan FX dolomite with shale stringers and stylolites  
3550.3-55.9 Red shale with no show  
3556.9-70 Tan FX dolomite with shale stringers and stylolites  
3570-71 Grey shale  
3571-73 Grey FG sand, slightly shaley fairly tight with fair stain, possible pay  
3573-77 Brown FX dolomite with no shows  
3577-78 Tan to grey FG sand with fair show of oil, medium tight, possible pay

CORE NUMBER 4 3678-3691, cut 13 feet. recovered 13 feet 11/11/51

|         |                                                                        |
|---------|------------------------------------------------------------------------|
| 3678-85 | Grey FG sand with good show of oil and exallant porosity. 11/11/51     |
| 3685-87 | Grey shaley sand very tight with slight show of oil, not pay. 11/11/51 |
| 3687-88 | Grey sand shale with no show                                           |
| 3688-91 | Tan w/ dolomite with no show                                           |