



DEPARTMENT OF THE STATE GEOLOGIST
NEW MEXICO SCHOOL OF MINES
Socorro, New Mexico

WELL RECORD

Mail to State Geologist, Socorro, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company F. W. & Y. Oil Company Address Artesia, New Mexico
Send correspondence to Same Address Same
Well No. 61 in R. 1 of Sec. 32, T. 18
R. 28, N. M. P. M., Artesia Oil Field Idy County.
If State land the oil and gas lease is No. 647 Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is _____, Address _____
If not state or patented land, give status _____
Drilling commenced September 30 1931 Drilling was completed February 14 1932
Name of drilling contractor Company tools Address _____
Elevation above sea level at top of casing _____ feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 1933 to 1937 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 190 to 200 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATED FROM TO | PURPOSE |
|---------------|-----------------|------------------|------|----------------|--------------|---------------------|--------------------|---------|
| <u>10"</u> | | | | <u>310 ft.</u> | | | | |
| <u>8 1/4"</u> | | | | <u>515 ft.</u> | | | | |
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MUDDING AND CEMENTING RECORD

| SIZE | WHERE SET | No SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|------|-----------|--------------------|--------------|-------------|--------------------|
|------|-----------|--------------------|--------------|-------------|--------------------|

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 |
|------|------------|----------------|---------------|----------------|--------------|-------------------|
| | <u>5"</u> | | <u>50 lbs</u> | <u>2-14-32</u> | <u>1988-</u> | <u>1012</u> |

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 2034 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, Be. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYES

W. H. Welch, Driller _____, Driller
V. P. Welch, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 5th day of April, 1932
Fred Cole
Notary Public
My commission expires January 10, 1934

Name N. H. Glady
Position Asst. Secretary
Representing F. W. & Y. Oil Company
Company or Operator

FORMATION RECORD

| From | to | Thickness in Feet | Formation |
|------|------|----------------------|------------------------------|
| 0 | 5 | | Soil |
| 5 | 25 | | Gyp |
| 25 | 90 | | Red Sand |
| 90 | 105 | | Gumbo |
| 105 | 175 | | Red Sand |
| 175 | 190 | | Gumbo |
| 190 | 200 | | Sand & Gravel water |
| 200 | 220 | | Gumbo |
| 220 | 370 | | Red Sand & Mud |
| 370 | 600 | | Gyp |
| 600 | 675 | | Gyp & Red Beds |
| 675 | 680 | | Gray Sand |
| 680 | 980 | | Gyp & Blue Shale & Red Shale |
| 980 | 1275 | | Gyp |
| 1275 | 1550 | | Gyp & Shale |
| 1550 | 1590 | | Red Sand |
| 1590 | 1695 | | Gyp & Shale |
| 1695 | 1720 | | Anhydrite |
| 1720 | 1775 | | Gyp & Shale |
| 1775 | 1820 | | Sand |
| 1820 | 1855 | | Gyp & Shale |
| 1855 | 1988 | | Lime |
| 1988 | 2012 | | Sand Gas & Oil |
| 2012 | 2034 | | Lime |