

WELL RECORD

Murchison-Closuit

State

Well No. B-4, in NE 1/4 of SE 1/4, of Sec. 16, T. 17S, R. 31E, NMPM.

Grayburg Jackson

.Pool,

Baby

County.

Well is 1650 feet from South line and 660 feet from East line

of Section 16 If State Land the Oil and Gas Lease No. is B 2613

Drilling Commenced August 14, 1960 Drilling was Completed February 24, 1961

Name of Drilling Contractor.....**Kersey & Company**.....

Address..... **Box 316, Artesia, New Mexico**

Elevation above sea level at Top of Tubing Head.....3852..... The information given is to be kept confidential until
....., 19.....

No. 1, from 2299 to 2310 No. 4, from 3553 to 3559

No. 2, from 3162 to 3172 No. 5, from 3699 to _____

No. 3, from 3217 to 3229 No. 6, from 3731 to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from to feet.

No. 4, from.....to.....feet.

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|--------------------|----------------|---------|-----------------|------------------------|--------------|---------|
| 8 5/8" | | | 612 | | | | |
| 5 1/2" | | | 318 1/2 | | | | |
| | | | | | | | |
| | | | | | | | |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 10" | 8 5/8" | 612 | 50 | | | |
| 8" | 5 1/2" | 3184 | 250 | | | |
| | | | | | | |
| | | | | | | |

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Plugged back from TD 3782 to 3725 with Hydromite. Acidized with 2,000 gallons

3721-3631. Plugged back 3725 to 3712 with Hydromite. Acidized with 4,000 gallons

3410-3630.

Result of Production Stimulation.....

Increased production approximately 40 bbls. per day

...Depth Cleaned Out.....

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from 0 feet to 3782 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing..... **July 15** 19 **61**

OIL WELL: The production during the first 24 hours was.....57.....barrels of liquid of which.....51 bbls.....% was
was oil;% was emulsion;6 bbls.....% water; and.....% was sediment. A.P.I.
Gravity.....36.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

| | | | |
|--------------------|------|---------------------|----------------------------|
| T. Anhy..... | 385 | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | 570 | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | 1580 | T. Montoya..... | T. Farmington..... |
| T. Yates..... | | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | | T. McKee..... | T. Menefee..... |
| T. Queen..... | | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | 3094 | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres..... | 3395 | T. Granite..... | T. Dakota..... |
| T. Glorieta..... | | T. | T. Morrison..... |
| T. Drinkard..... | | T. | T. Penn..... |
| T. Tubbs..... | | T. | T. |
| T. Abo..... | | T. | T. |
| T. Penn..... | | T. | T. |
| T. Miss..... | | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation |
|------|------|----------------------|---|
| 0 | 40 | | Red bed & Sand |
| 40 | 160 | | Red bed & Gyp |
| 160 | 385 | | Red bed & Anhy |
| 385 | 570 | | Anhy - Lime |
| 570 | 585 | | Salt & Red bed |
| 585 | 593 | | Salt & Shale |
| 593 | 1580 | | Salt |
| 1580 | 1769 | | Anhy |
| 1769 | 1850 | | Anhy - Shale |
| 1850 | 2062 | | Anhy - Brown lime |
| 2062 | 2150 | | Anhy - Lime - Shale |
| 2150 | 2299 | | Anhy - Sand - Shale |
| 2299 | 2310 | | Brown lime - Oil show |
| 2310 | 2680 | | Anhy - Lime - Shale |
| 2680 | 2720 | | Red sand - Gyp |
| 2720 | 2900 | | Lime - Anhy |
| 2900 | 3060 | | Lime - Sand - Shale |
| 3060 | 3172 | | Gray lime |
| 3162 | 3172 | | Show of oil & Gas |
| 3172 | 3279 | | Lime - increase in oil & gas 3217-3229 |
| 3279 | 3284 | | Lime & Sand |
| 3284 | 3311 | | Lime |
| 3311 | 3318 | | Lime & Shale |

| From | To | Thickness in Feet | Formation |
|------|------|----------------------|----------------------|
| 3318 | 3332 | | Gray lime |
| 3332 | 3420 | | Lime |
| 3420 | 3531 | | White Lime |
| 3531 | 3659 | | Lime |
| 3553 | 3559 | | Sulphur gas & oil |
| 3559 | 3703 | | Lime - Oil and gas |
| | | | 3699 |
| 3703 | 3732 | | Lime - Gas increased |
| | | | 3731 |
| 3732 | 3782 | | Lime |
| | | | 3782 |

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ARTESIA DISTRICT OFFICE

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| | TRANSPORTER | |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Company or Operator..... **Wurchison and Closuit**
Name..... **Ernest Closuit**

Address Suite D-105 Petroleum Center,
900 N. E. Military Drive
Position San Antonio, Texas Co-Owner

.....
(Date