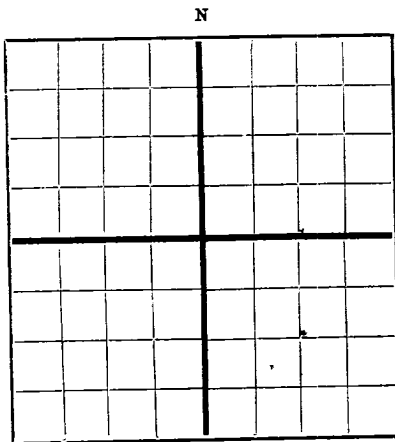


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Malco-Ressler-Yates **Artesia, New Mexico**

State **28** Company or Operator **97** Address **38** T. **18**

Well No. **2970** in **SECTION** of Sec. **30**

Lease **28** **Artesia** Field **444** County.

R. **2970**, N. M. P. M. **2970** feet south of the North line and **2970** feet west of the East line of **Section 30**

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is **Martin Yates, Jr.** Address

Drilling commenced **June 16** 19 **48** Drilling was completed **July 23** 19 **48**

Name of drilling contractor **Marion Welch** Address **Artesia, New Mexico**

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 **1930** to **1970** No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

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

No. 1, from **none** to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8 5/8 - 28				990	Tecum				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/4	8 5/8	990	180			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Solidified Nitro	220	7/23/48	1930-70	2000

Results of shooting or chemical treatment **Increased production to 20 BOPD**

RECORD OF DRILL-STEM AND SPECIAL TESTS

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 **220** feet, and from feet to feet

PRODUCTION

Put to producing **July 25** 19 **48**

The production of the first 24 hours was **20** barrels of fluid of which **100** % 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.

EMPLOYEES

Paul Morris, Driller **Bill Phillips**, Driller

Jimmie Welch, 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 **4th**

day of **August**, 19 **48**

Marie M. Casley
Notary Public

Artesia, New Mexico
Place **Malco-Ressler-Yates** Date

Name **Malco-Ressler-Yates**

Position **Secretary Operating Committee**

Representing **Malco-Ressler-Yates**

Company or Operator **Carper Building, Artesia, New Mexico**

Address

My Commission expires **June 25, 1952**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1455	65		Anhydrite
1465	71		50% Anhydrite 30% Dolo. 10% red shale
1471	85		85% " 10% " 5% red sand
1485	99		Red Sand
1499	05		5% red sand 90% Anhy. 5% dolo.
1505	40		80% Anhy. 20% dolo.
1540	50		5% red sand 95% Anhy.
1550	60		5% red sand 35% Anhy 60% dolo.
1560	72		80% red sand 10% anhy. 10% dolo.
1572	88		5% red shale 95% anhy.
1588	00		5% red sand 95% anhy.
1600	14		10% red sand 90% Anhy.
1614	30		90% grey sand 10% buff dolo.
1630	35		Oil stained grey sand
1635	43		Buff extremely sandy dolomite
1643	60		10% red sand 90% anhydrite
1660	75		90% red sand 10% anhydrite
1675	00		10% red sand 90% anhydrite
1800	12		5% red shale 70% anhydrite 25% buff f. x. dolo.
1712	22		90% red sand 10% anhydrite
1722	30		50% red sand 10% anhydrite 40% buff f. x. dolo.
1730	42		Red sandy dolo.
1742	50		10% anhy 90% red sand
1750	1816		Buff f. x. dolo.
1816	32		Buff very sandy dolo.
1832	45		20% buff f. x. dolo 80% grey sand
1845	51		Grey sandy dolo- some really contd. sand
1851	71		White f. x. dolo.
1871	82		Buff f. x. dolo
1882	98		95% f. x. dolo. 5% pk. dolo.
1898	03		70% f. x. dolo 30% red sandy dolo.
1903	14		80% buff f. x. dolo 20% pink sandy dolo.
1914	22		Buff f. x. dolo.
1935	45		buff f. x. dolo and grey sandy dolo.
1945	62		80% buff f. x. dolo 20% grey contd. sand. Driller reported show oil 1945-58
1962	81		Buff f. x. dolo.
1981	89		20% buff dolo 80% red sand-no stain
1989	00		Buff f. x. dolo.
2000	14		80% f. x. dolo 20% pink sandy dolo.
2014	25		90% pink coarsely xylite dolo 10% grey and pink sand that is oil stained
2025	37		50% pink f. x. dolo 50% tightly contd. red sand
2037	50		90% white coarsely xylite dolo 10% tightly contd. red sand
2050	66		pink f. c. dolo.
2066	83		pink sandy dolo.
2083	95		20% pink sandy dolo 80% buff f. x. dolo.
2095	2100		70% buff f. x. dolo 30% grey very sandy dolo.
2100	10		grey sandy dolo.
2110	19		20% grey sandy dolo 80% buff f. x. dolo.
2119	30		Grey sandy dolo.
2130	69		White f. x. dolo.
2169	00		Buff f. x. dolo.