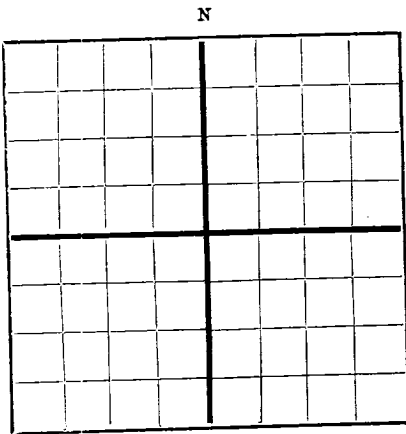




NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Malco-Realer-Yates **Artesia, New Mexico**
Company or Operator Address
State **96** in **NE NW** of Sec. **30**, T. **18S**
Well No. **647**
Lease **285**, N. M. P. M., **Artesia** Field, **Eddy** County.
Well is **300** feet south of the North line and **3170** feet west of the East line of **The section**
If State land the oil and gas lease is No. **647** 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 **May 16** 19 **48** Drilling was completed **July 20** 19 **48**
Name of drilling contractor **S. P. Yates Drilling Co.** 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 **1955** to **2050** 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 _____ to _____ feet.
No. 2, from **none** 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		10		550	Texas				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10 3/4	8 5/8	550	100	Halliburton		

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 Glycerine	440	7/23/48	1955-2050	2050

Results of shooting or chemical treatment **Increased production to 60 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 _____ feet to _____ feet, and from _____ feet to _____ feet
0 **2200**

PRODUCTION

Put to producing _____ 19 _____
The production of the first **24** hours was **48** barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. **100**
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
Frank Sloan _____ Driller
Hargus _____

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 **26th** **Artesia, New Mexico** **July 26, 1948**
day of **July**, 19 **48** Name **Marie M. Easley**
_____, Notary Public Position **Secretary Operating Committee**
Representing **Malco-Realer-Yates** Company or Operator
My Commission expires **June 25, 1952** Address **Carper Building, Artesia, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1005	35		White Anhydrite
1035	50		95% Anhydrite 5% red shale
1050	95		" " " "
1095	25		95% White Anhydrite 5% Buff dolo.
1125	40		95% Anhydrite 5% grey shale
1140	55		95% Anhydrite 5% grey shale
1140	55		Same
1155	75		95% White Anhydrite 5% red sand
1175	85		Same
1185	00		50% White Anhydrite 50% Red Sand
1200	15		90% White anhydrite 10% Red Sand
1215	45		90% White Anhydrite 10% Red Sand
1375	90		90% Anhydrite 10% red shale
1390	05		90% Anhydrite 10% Red shale
1405	27		90% Anhydrite 5% red shale 5% red sand wf. f. q. g.
1427	38		90% Anhydrite 50% red sand
1438	51		Red sand wf. f. q. g.
1451	64		10% red sand 90% Anhydrite
1464	81		5% red shale 95% anhydrite
1650	67		95% buff cemented sand 5% red shale
1667	86		" " " " " "
1686	05		20% red sand 80% anhydrite
1705	35		10% red sand 90% Anhydrite
1735	50		10% red sand 10% Anhydrite 80% buff dolo.
1750	62		5% red sand 5% anhydrite 90% buff sandy dolo.
1762	75		Pink sandy dolo.
1775	89		5% anhydrite 15% pk. sandy dolo 80% buff dolo.
1789 1835	1835		Buff dolo.
1835	50		90% buff f. x. dolo 10% buff sandy dolo.
1850	67		Grey tightly cemented sand
1867	79		95% buff f. x. dolo 5% grey sand
1879	00		Buff f. x. dolo.
1900	07		Buff f. x. dolo
1907	20		90% buff f. x. dolo. 10% red sandy dolo.
1920	35		Buff slightly sandy dolo.
1935	54		Buff f. x. dolo.
1954	63		Buff sandy dolo. Trace Oil Stain.
1963	79		90% buff f. x. dolo 10% grey sand-Some oil stain
1979	86		80% buff sandy dolo. 20% lightly cemented grey sand
1986	95		95% buff f. x. dolo 5% grey sand
1995	98		95% buff f. x. dolo 5% red shale
1998	2000		90% buff f. x. dolo 5% red shale 5% grey sand
2000	10		grey sandy dolo 5% red shale
2010	23		buff f. x. dolo.
2023	30		90% buff f. x. dolo. 5% red shale 5% grey sand
2030	35		10% red shale 60% buff to white sandy dolo. 30% grey sand- some being oil stained.
2035	45		Buff sandy dolo.
2045	52		20% buff sandy dolo. 80% white f. x. dolo.
2052	59		10% buff sandy dolo. 90% white f. x. dolo.
2059	66		5% red shale 95% white slightly sandy dolo.
2066	73		buff f. x. dolo. 5% grey sand- no pay
2073	81		50% buff f. x. dolo. 50% buff oil stained sand
2081	87		90% buff sandy dolo. 10% grey shale
2087	91		red lightly cemented sand- no oil stain
2091	00		pink sandy dolo.
2100	06		pink very sandy dolo.
2106	2129		SLM Reduced hole here
2129	35		pink f. x. dolo.
2135	42		80% buff f. x. dolo. 20% grey sand wf. f. q. g. possibly oil stained sand
2142	46		70% buff f. x. dolo 30% red sand wf. f. q. g.
2146	65		White f. x. dolo.
2165	78		Buff f. x. dolo.
2178	85		White f. x. dolo.
2185	00		Buff f. x. dolo.