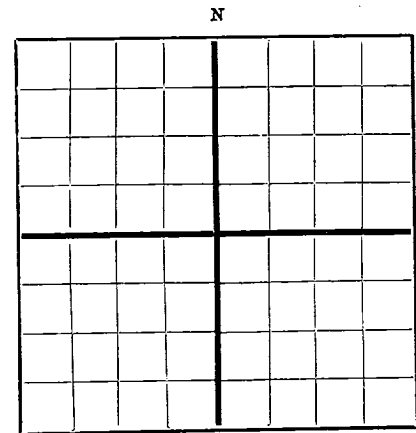




AREA 640 ACRES
LOCATE WELL CORRECTLY

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**

State **28** Company or Operator **92** **SE SE** Address **27** **18**

Well No. **Artesia** in **649** of Sec. **Edy**, T. **48**

R. **4290**, N. M. P. M. **3630** Field, **Section 27** County.

Well is _____ feet south of the North line and _____ feet west of the East line of _____.

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 **Martin Yates, Jr.** Address **Artesia, New Mexico**

The Lessee is **May 8** **48** Address **July 17** **48**

Drilling commenced _____ 19 _____ Drilling was completed _____ 19 _____

Name of drilling contractor **S. W. 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 _____

2800 **2900** SANDS OR ZONES

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

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD									
SIZE OF HOLE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
8 5/8	28	10	S. I.	613			FROM	TO	Cave string
7"	20	8 rd.	S. I.	2720	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"	8 5/8	613	100	Halliburton		50 Sax.
8"	7"	2720	100			

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
9000 Gal		Dowell		July	2800-2900	
Increased production from 1 bbl hour to 4 bbls. hour.						

Results of shooting or chemical treatment _____

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

PRODUCTION

Put to producing _____, 19 _____

The production of 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. _____

EMPLOYEES

_____, Driller _____, Driller

R. O. Jacobs _____, Driller _____, Driller

Luther Mann _____, 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 **22nd** _____, 19 _____

day of **July** _____, 19 _____ **48**

Marie M. Easley _____
Notary Public

My Commission expires **June 25, 1952** **February 25, 1951**

_____, **Artesia, New Mexico** **July 22, 1948**
Place Date

Name _____

Position **Secretary Operating Committee**

Representing **Malco-Realer-Yates**
Company or Operator

Address **Carper Building, Artesia, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1885	00		60% red sand 20% pink dolo 20% anhy
1900	08		50% red sand 20% blue shale 20% anhy
1908	14		5% red sand 95% anhy.
1914	50		10% pink dolo 90% anhy.
1950	63		Contd. Gray Sand
1963	75		Pink Very sandy dolo.
1975	87		5% red sand 95% anhy.
1987	01		Anhy
2001	15		10% Red sand 90% anhy.
2015	27		20% red sand 80% anhy.
2027	31		Buff f. x. dolo.
2031	47		80% buff f. x. dolo 20% red sand
2047	80		IX " " " "
2080	95		98% buff f.x. dolo 2% blue Bantonitic shale
2095	27		80% buff f.x. dolo 20% blue " "
2127	47		Buff f. x. dolo
2147	53		80% buff f. x. dolo 20% green " "
2153	63	XXXXXX	Buff f. x. dolo oil stained
2169	74		Buff contd. sand oil stained
2174	05		Buff very sandy dolomite
2205	21		Buff finely xylene dolomite
2221	43		Buff f. x. dolo.
2243	50		70% buff f.x. dolo 30% gray sand
2250	56		80% buff f. x. dolo 20% gray sand
2296	63		90% buff f.x. dolo 10% gray sand
2263	74		100% buff f. x. dolo.
2274	82		100% f. x. dolo.
2282	94		100% f. x. dolo.
2294	2305		70% buff f. x. dolo 30% buff sandy dolo.
2305	15		70% buff f. x. dolo 30% " " "
2315	30		80% " " " 10% " " " 10% pink sandy dolo.
2330	47		90% buff f. x. dolo
2347	51		60% buff f. x. dolo 40% black shale
2351	56		80% buff f. x. dolo 20% pink dolo.
2356	69		30% buff f. x. dolo 70% gray sand (Oil stained or rust stained)
2369	78		90% buff f. x. dolo 10% gray sand
2378	86		90% buff f. x. dolo 10% black shale
2386	94		50% buff f. x. dolo 50% gray sand
2394	2402		20% buff f. x. dolo 80% gray sand (slight stain)
2402	05		80% buff f. x. dolo 20% gray sandy dolo.
2408	25		10% f. x. dolo 40% gray sand
2425	38		40% pink sand, 10% pink dolo.
2438	42		70% pink dolo 30% pink sandy dolo.
2442	52		70% pink dolo 30% pink sand
2442	72		70% pink dolo 30% black shale
2472	80		90% pink dolo 10% gray sand
2480	90		50% pink dolo, 30% white dolo 20% red sand
2490	95		95% white f. x. dolo 5% black shale
2495	2507		" " " " " " " "
2507	15		100% " " " " "
2515	27		100% white f. x. dolo.
2527	35		" " " " "
2535	50		100% buff f. x. dolo.
2550	60		100% white f. x. dolo.
2560	68		" " " " "
2568	76		90% buff f. x. dolo 10% gray shale.
2576	84		90% dark buff f. x. dolo 10% gray shale.
2584	95		100% Buff fl x. dolo trace gray shale.
2595	2605		" " " " " " " "
2605	10		80% white f. x. dolo 20% sandy dolo.
2610	24		95% white f. x. dolo 5% gray shale.
2624	35		100% Buff xyn dolo.
2635	40		" " " " "
2640	45		80% gray xyn dolo 20% gray sand & shale
2645	55		60% gray xyn dolo 40% gray sand
2655	68		90% gray xyn dolo 10% gray shale
2668	75		95% gray xyn dolo 5% gray shale.
2675	83		95% gray xyn dolo 5% gray sand
2683	97		100% white f. x. dolo.
2697	2720		" " " " "
2720	27		Buff f. x. dolo 10% oolitic but not stained
2727	43		Buff f. x. dolo.
2743	53		Buff f. x. dolo 10% Oolitic and oil stained trace porosity
2753	2795		Buff f. x. dolo.
2795	2809		Buff f. x. dolo 10% well oil stained & Poor porosity
2809	15		Buff f. x. dolo
2815	25		Buff coarsely xyn dolo.
2825	32		Buff medium xyn dolo.
2832	42		Buff finely xyn dolo good oil staining- some oolitic
2842	61		Buff finely xyn dolo.
2861	74		Buff oolitic dolo Well cemented no oil stain
2874	82		Buff oolitic dolo well oil stained- fairly free oolitic
2882	92		Buff oolitic dolo Some oolitic clusters- some stain
2892	102		Buff oolitic dolo some oolitic clusters some oil stain.