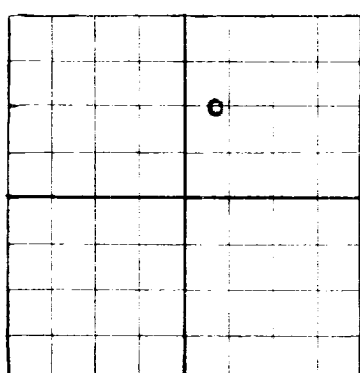


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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

**Palco-Heiler-Yates** **Artesia, N. M.**

State \_\_\_\_\_ Company or Operator \_\_\_\_\_ Address \_\_\_\_\_

Well No. **35** in \_\_\_\_\_ of Sec. **33** T. **18S**

R. **23E** Lease \_\_\_\_\_ N. M. P. M. **Artesia** Field. **Edley** County. \_\_\_\_\_

Well is **1650** feet south of the North line and **2210** feet west of the East line of Sec. **33-18-28**

If State land the oil and gas lease is No. **647** Assignment No. **303**

If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_

If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_

The Lessee is \_\_\_\_\_ Address \_\_\_\_\_

Drilling commenced **Nov. 5** 19**47** Drilling was completed **Jan. 31** 19**48**

Name of drilling contractor **V. S. Selch** Address \_\_\_\_\_

Elevation above sea level at top of casing **3537** feet.

The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from **2645** to **2848** 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	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
7"	20	8	J & L	2605	1605				Prod. string

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8"	7"	2605	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
		Dowell	2500 gal	2-2-48	1645-2750	

Increased production from 6" to 100 B.P.P.

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 **0** feet to **2848** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **February 3,** 19**48**

The production of the first 24 hours was **100** 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

**P. V. Morris** **H. J. Westerson**

**Bill Johnson** Driller \_\_\_\_\_ Driller \_\_\_\_\_

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 **4th**

day of **February** 19**48**

**Velma J. Maddux**

Notary Public

My Commission expires **February 25, 1951**

**Artesia, N. M.**

Place \_\_\_\_\_ Date \_\_\_\_\_

Name **W. S. Selch**

Position **Secretary of Operating Committee**

Representing **Palco-Heiler-Yates**

Company or Operator \_\_\_\_\_

Address **Artesia, New Mexico**

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1410	1411	1	5% anhydrite, 5% red sand.
1411	1415	4	90% " 10% " "
1415	1425	10	Anhydrite
1425	1436	11	95% " 5% blue shale
1436	1510	74	Anhydrite
1510	1514	4	25% " 5% red shale
1514	1527	13	Anhydrite
1527	1531	4	90% " 10% red sand
1531	1535	4	Anhydrite
1535	1535	0	95% " 5% red shale
1535	1545	10	80% " 20% red sand with 8% S.S.
1545	1622	77	50% " 50% " " " " "
1622	1630	8	20% " 80% " " " " " "
1630	1631	1	90% " 5% " " 5% buff dolo
1631	1635	4	Anhydrite
1635	1638	3	90% " 10% pink dolo.
1638	1675	37	Anhydrite
1675	1690	15	90% " 20% red sand
1690	1696	6	5% grey dolo 5% red sand
1696	1711	15	10% anhydrite 90% grey dolo.
1711	1717	6	10% " 90% " " "
1717	1725	8	95% " 5% grey shale
1725	1735	10	95% " 5% red shale
1735	1745	10	Anhydrite
1745	1755	10	80% " 20% buff dolo
1755	1764	9	Buff dolo
1764	1772	8	10% anhydrite 10% " " 80% red sand
1772	1777	5	10% " 80% red sand
1777	1807	30	10% " 80% pink sandy dolo
1807	1820	13	50% " 50% " " " " "
1820	1825	5	90% " 10% buff dolo
1825	1830	5	Buff very sandy dolo.
1830	1835	5	Grey finely cemented sand.
1835	1845	10	Very sandy grey dolo.
1845	1855	10	Anhydrite
1855	1865	10	10% anhydrite 90% grey sand
1865	1871	6	90% " 20% red sand
1871	1877	6	90% " 10% " " "
1877	1880	3	90% " 10% " " "
1880	1887	7	90% buff finely crystalline dolo 10% red sand
1887	1907	20	95% " " " " " " "
1907	1910	3	50% anhydrite 50% red sand
1910	1918	8	Buff finely crystalline dolo.
1918	1927	9	80% buff finely crystalline dolo. 10% " "
1927	1935	8	10% anhydrite.
1935	1955	20	90% buff finely crystalline dolo 10% " "
1955	2045	90	Buff finely crystalline dolo.
2045	2055	10	90% buff finely crystalline dolo 10% grey sand
2055	2065	10	tan tightly cemented sand - some oil stain
2065	2100	35	Buff finely crystalline dolo.
2100	2115	15	Grey sandy dolo.
2115	2123	8	" " "
2123	2130	7	Buff finely crystalline dolo
2130	2150	20	" " "
2150	2159	9	20% buff finely crystalline dolo 80% grey sand
2159	2164	5	Buff grey dolo.
2164	2172	8	90% buff finely crystalline dolo 10% " "
2172	2180	8	Buff finely crystalline dolo
2180	2188	8	90% buff finely crystalline dolo 10% red sand
2188	2190	2	50% grey sand.
2190	2217	27	Buff finely crystalline dolo.
2217	2234	17	Buff slightly sandy dolo
2234	2237	3	50% buff slightly sandy dolo 50% grey sand
2237	2250	13	White slightly sandy dolo
2250	2258	8	White finely crystalline dolo
2258	2268	10	White sandy dolo
2268	2275	7	White finely crystalline dolo.
2275	2295	20	20% white finely crystalline dolo 70% grey sand
2295	2310	15	Pink very sandy dolo
2310	2320	10	40% grey cemented sand 40% buff dolo
2320	2348	28	Buff finely crystalline dolo
2348	2380	32	White finely crystalline dolo
2380	2400	20	" " " " " "
2400	2450	50	Buff " " " " " "
2450	2460	10	95% buff finely crystalline dolo 5% sandy dolo
2460	2465	5	Buff sandy dolo
2465	2486	21	Tan anhydritic dolo
2486	2501	15	Tan finely crystalline dolo
2501	2510	9	Grey sandy dolo
2510	2526	16	90% buff finely crystalline dolo 10% grey sand
2526	2535	9	Buff finely crystalline dolo
2535	2543	8	" " " " " "
2543	2549	6	80% buff finely cry. dolo 20% grey sand
2549	2607	58	Buff finely crystalline dolo
2607	2612	5	" " " " " "
2612	2645	33	" " " " " "
2645	2649	4	Buff finely crystalline dolo, slightly
2649	2659	10	colitic, well oil stained, about 1% porous
2659	2667	8	Buff finely crystalline dolo
2667	2672	5	show free oil 2645 - 49
2672	2680	8	Buff finely crystalline dolo
2680	2685	5	Buff colitic dolo, tightly cemented - no oil
2685	2690	5	stain.
2690	2704	14	Buff finely crystalline dolo 5% oil stained
2704	2710	6	porous
2710	2727	17	" " " " " "
2727	2735	8	Buff slightly porous
2735	2747	12	Buff finely cry. colitic dolo 20% fair
2747	2755	8	porosity.
2755	2767	12	" " " " " dolo 10% fair
2767	2775	8	porosity
2775	2780	5	Buff finely crystalline dolo
2780	2787	7	" " " " " slightly colitic dolo.
2787	2794	7	" " " " " sandy dolomite - trace chert
2794	2808	14	dolo
2808	2815	7	Grey buff finely crystalline and colitic dolo
2815	2825	10	50% grey finely crystalline dolo 20% buff
2825	2835	10	colitic dolo
2835	2840	5	Buff colitic, anhydritic dolo
2840	2845	5	slight porosity
2845	2850	5	Buff very colitic dolo. some fair porosity
2850	2860	10	10% colitic finely crystalline dolo.
2860	2865	5	questionable porosity and considerable anhy.