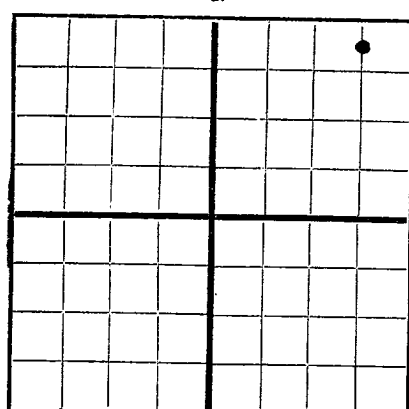


N

AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW 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.

**Marian C. Welch** Company or Operator **Artesia, New Mexico**  
**Lackawanna** Well No. **9** in **NE 1/4 NE 1/4** of Sec. **21**, T. **18**  
**28** Lease **Artesia** Field, **Eddy** County.  
R. **331**, N. M. P. M., **637** feet south of the North line and **647** feet west of the East line of **21-18-28**  
Well is **331** feet south of the North line and **647** feet west of the East line of **21-18-28**  
If State land the oil and gas lease is No. **647** Assignment No. **311**  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is **Marian C. Welch** Address **Artesia, New Mexico**  
Drilling commenced **December 31, 1949** Drilling was completed **April 8, 1950**  
Name of drilling contractor **Marian C. 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 **2165'** to **2190'** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **2440'** to **2465'** 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		PURPOSE
							FROM	TO	
8"				500					
7"				2225		Packer set at 2225' & 2135'-Perforated & cemented 2120'-Perforated at 2165'-70'			

**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"	500	25			

**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
4"		O.W.E.	120	2-18-50	2190'	
4"		O.W.E.	120	3-22-50	2465'	

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 **2857** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**PRODUCTION**

Put to producing **April 8, 1950**  
The production of the first 24 hours was **15** 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** Driller \_\_\_\_\_ Driller  
**Paris Davis** 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 **10**day of **April**, 19**50**

Notary Public

**Artesia, New Mexico** **4-10-50**  
Place DateName **Marian C. Welch**By: **[Signature]**

Operator

My Commission expires **November 8, 1952**

Address \_\_\_\_\_

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20		Coletchie
20	260		R. Bed
260	275		Gyp Water
275	400		Red Bed
400	402		Red Shale
402	430		Red Shale
430	460		Salt-Potash
460	539		Salt-R.
539	545		R. Rock
545	730		Anhy.
730	735		Gray Shale
735	755		Anhy.
755	783		Red Anhy.
783	830		Red R.
830	858		Anhy.
858	865		Red.
865	886		Anhy.-Broken
886	935		Anhy.
935	945		H. Rock
945	990		H. Rock & Anhy.
990	1025		Anhy.
1025	1030		Red.
1030	1250		Anhy.
1250	1282		Anhy.-Lime
1282	1342		Anhy.
1342	1352		Brown Lime
1352	1432		Anhy. & Lime
1432	1438		R. R.
1438	1468		R. R. Red. B.
1468	1507		A. R. B.
1507	1545		Anhy.
1545	1575		Anhy. & R. R.
1575	1684		Anhy.
1684	1700		Anhy. & R. R.
1700	1713		Red Sand
1713	1735		Gyp. R. R.
1735	1764		Lime
1764	1798		Anhy. & R. R.
1798	1850		Anhy.
1850	1868		Lime
1868	1928		Anhy. & R. R.
1928	1975		Sandy Lime
1975	1980		B. Shale
1980	1996		Anhy.
1996	2018		Anhy. & R. R.
2018	2038		Anhy., R. R. & Lime
2038	2067		Lime
2067	2086		Lime & R. R.
2086	2145		Lime
2145	2162		Lime-Brown
2162	2178		Lime
2178	2183		Oil Sand
2183	2407		Lime
2407	2422		Brown Lime
2422	2432		Sandy Lime
2432	2442		Brown Lime
2442	2469		Lime
2469	2485		Lime
2485	2550		White Lime
2550	2575		Gray Lime
2575	2592		Brown Lime w/Blue Shale Breaks
2592	2679		Gray Lime
2679	2775		White Lime
2775	2857		Lime