

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

Harvey E. Yates

309 Carper Building - Artesia, New Mexico

Whelan St. Company or Operator **1** SE/NE 16 Address **19 S.**  
 Well No. **1** of Sec. **16**, T. **19 S.**  
 R. **30 E.** Lease **Benson** Field, **Eddy** County.  
 N. M. P. M. **2,310** **990** Section **16**  
 Well is **2,310** feet south of the North line and **990** feet west of the East line of **Section 16**  
 If State land the oil and gas lease is No. **1-3612** Assignment No. \_\_\_\_\_  
 If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
 If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
 The Lessee is **Harvey E. Yates** Address **Artesia, New Mexico**  
 Drilling commenced **September 15** 19 **44** Drilling was completed **November 1** 19 **44**  
 Name of drilling contractor **Harvey E. Yates** Address **Artesia, New Mexico**  
 Elevation above sea level at top of casing **3,354** feet.  
 The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **1,845** to **1,852** 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 **270** to **370** feet.  
 No. 2, from **360** 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	
<b>8 1/2</b>	<b>24 1/2</b>	<b>8</b>		<b>408</b>	<b>Reg.</b>				<b>Salt String Production</b>
<b>7</b>	<b>20 1/2</b>	<b>8</b>		<b>1,839</b>	<b>Reg.</b>				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>10"</b>	<b>8 1/2</b>	<b>408</b>	<b>30</b>	<b>Halliburton</b>		
<b>8 1/2</b>	<b>7"</b>	<b>1839</b>	<b>25</b>	<b>Halliburton</b>		

## 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
		<b>Dowell XX</b>	<b>5,000</b>	<b>11/4-7-8-20</b>	<b>1845 - 52</b>	<b>1,852</b>
<b>5"</b>		<b>S. N. G.</b>	<b>60 qts.</b>	<b>12/14</b>	<b>1847 - 70</b>	<b>1,870</b>

Results of shooting or chemical treatment **No increase from acid. Shot resulted in an increase from 25 to 30 barrels**

## 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 **T. D.** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **January 10** 19 **45**  
 The production of the first 24 hours was **25** barrels of fluid of which **100** % was oil; \_\_\_\_\_ %  
 emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be **29**  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

**I. W. Hancock** Driller **Fraser Grant** Driller  
**W. R. Phillips** 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 **10th**  
 day of **January** 19 **45**

**Elsie G. Gorman**  
 Notary Public

My Commission expires **June 24 - 1947**

**Artesia, New Mexico** **January 10, 1945**  
 Place Date

Name **Ronald W. Seed**  
 Position **Auditor**

Representing **Harvey E. Yates**  
 Company or Operator **309 Carper Bldg. - Artesia, N. Mex.**  
 Address \_\_\_\_\_

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Top soil -
10	60	50	Caliche
60	140	80	Sand and Shale
140	305	165	Sand
305	395	90	Red Rock
395	1,346	951	Salt
1,346	1,745	399	Anhydrite
1,745	1,868	123	Lime
S. L. N.	1,868	1,872	1.2.