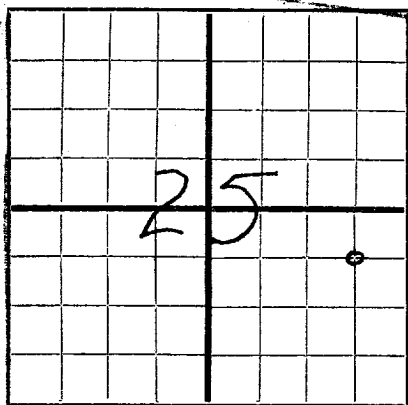


DUPLICATE

AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New MexicoRECEIVED  
FEB 3 1949  
TITL

## 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.

R. Olsen Oil Company 2811 Apco Tower, Oklahoma City, Oklahoma  
Company or Operator  
Van Zandt Well No. 1 in C NE Se of Sec. 25, T. 24S  
Lease 36E Langlie-Mattix Lea  
R. N. M. P. M. Field, County.  
Well is 3300' feet south of the North line and 660' feet west of the East line of Sec. 1/4 Sec. 25-24S-36E  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is Jas. W. Van Zandt Address Colorado, Texas  
If Government land the permittee is Address  
The Lessee is R. Olsen Oil Company, et al Address Okla. City, Oklahoma  
Drilling commenced Nov. 9 48 Drilling was completed Jan. 7 49  
Name of drilling contractor Hackleman and French Address Jal, 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 2925' to 3,020 (Gas) No. 4, from to  
No. 2, from 3315' to 3510' 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	
10 3/4	40#	8		301	HOWCO				Surface
7	20#	8		3313	"				Production

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4	10 3/4	301	200	HOWCO		
8 3/4	7	3313	300	"	11#	

## 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
		Acid	5,000 Gal	12/20/48	3315-3525	T. D.
	4"	Nitro	200 Qts.	1/5/49	3392-3525	T. D.

Results of shooting or chemical treatment Acid treatment negligible results. Did not recover all acid water. Shooting treatment apparently helped well considerably.

## 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 0 feet to 3525 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing 2/1/ 1949 Waiting on gas connection  
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 3,780,000 Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in. 1150#

## EMPLOYEES

Clyde Hackleman Driller Lon Whitely Driller  
Floyd Hackleman 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 2nd day of February, 1949.

Notary Public

My Commission expires 10/31/49

Jal, New Mexico 2/2/49

Name J. T. Fuddelup

Position Geologist

Representing R. Olsen Oil Company

Company or Operator

Address 2811 Apco Tower, Oklahoma City, Okla.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			Note: Samples not saved from 6-1200
1200	1260	60	Shale red gypsum and anhydrite
1260	1420	160	Anhydrite white and gypsum (top anhydrite 1260)
1420	1600	180	Shale red with anhydrite stringers
1600	1700	100	Anhydrite with traces of potassium-
1700	1800	100	anhydrite, gyp. and red shale
1800	1910	110	anhydrite, gyp. and potassium
1910	2690	80	Salt, gyp. and anhydrite (top salt 1910)
2690	2710	20	Shale red
2710	2800	90	Anhydrite grey dense
2800	2930	130	Dolomite tan anhydritic show of oil (top brown line 2800 ft.)
2930	3020	90	and frosted grains interbedded in black fine sand matrix (top Yates 2930) Good show of gas
3020	3040	20	Salt and anhydrite
3040	3110	70	Dolomite grey anhydritic with thin bentonite stringers
3110	3180	70	Dolomite light grey flaky dense trace siltstone Fair show of oil. Good odor
3180	3280	100	Dolomite light tan to white flaky dense. No permeability. Fair odor.
3280	3380	100	Dolomite light tan sacrose very fine chrystline show of oil slightly sandy. Good odor.
3380	3440	60	Dolomite tan to grey dense
3440	3510	70	Dolomite sacrose sandy. Fair to good show of oil. Good odor
3510	3545 T. D.	15	Dolomite grey dense. No show.

## TESTING RECORD

D. S. T. #1 2927-3027 Tool open 10 minutes. Gas to surface in 30 minutes. Strong blow. Flow pressure 715 pounds. Missed buildup pressure, hydrostatic pressure 1810 pounds. Recovered 360 ft. of gas-cut mud (this test indicates a large gas well in the Yates).

D. S. T. #2 3025-3135 Recovered 750 ft. sulphur water

D. S. T. #3 3135-3225 Tool open 1 hour. Gas to surface in 4 minutes Recovered 240 ft. gas-cut mud. Flow pressure 150 pounds. Build-up pressure 1811 pounds. Hydrostatic pressure 1800 pounds.

D. S. T. #4 3300-3380 Tool open 1 hour. Recovered 600 ft. Heavy gas-cut mud. Flow pressure 264. Build up pressure 680. Hydrostatic 1829.

D. S. T. #5 (Hook wall pattern) 3300-3475 Tool open 2 hours. Recovered 120 ft. drilling mud. Flow pressure 80 pounds. Build-up 129 pounds. After acidizing with 5,000 gallons and scrubbing the lead oil and acid water out the well built up to 625 pounds on the casing and then was allowed to flow for three hours in which time it made approximately ten barrels of oil. It was then decided to shoot the well with 200 lbs. Tro 3400 to 3535 T. D.

After testing this well for a period of two weeks it was decided that the oil production was not commercial.

Set Lane-Wells plug at 3300' and perforated casing as follows:  
 80 holes 2960-80', 80 holes 2980-80', 80 holes 2930-40', 30 holes 2940-80',  
 30 holes 2980-80', 30 holes 2990-3000', 30 holes 3000-3010', 30 holes 3010-3020'. Run 27-1/2" 2" NIP tubing with 3 ft. perforated nipple bull plugged. Swept well in and well kicked off. 1150 / shut-in pressure and well stabilized at 415 after blowing one hour. Gas gassed 3,780,000. Complete 2/1/49.