

**Santa Fe, New Mexico**

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LAND OFFICE	1	
TRANSPORTER	OIL	
	GAS	
PRORATOR OFFICE		
OPERATOR		1

A 10x10 grid with an 'X' in the 4th column and 4th row from the top-left corner.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## International - Yates

State 647

Well No. 107, in NW  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 32, T. 18 S., R. 28 E., NMPM.

Artesia Pool, Eddy County.

Well is 660 feet from West line and 1980 feet from South line

of Section 32 If State Land the Oil and Gas Lease No. is NM 647

Drilling Commenced.....3-26....., 1964..... Drilling was Completed.....6-4....., 1964.....

Name of Drilling Contractor..... **Company tools & Harvey Yates**.....

Address ..... Artesia, New Mexico ..... RECEIVED

Elevation above sea level at Top of Tubing Head.....3549'..... The information given is to be kept confidential until

.....**Not Confidential**....., 19.....

## OIL SANDS OR ZONES

O. C. C.  
ARTESIA, OFFICE

No. 1, from 1724 to 1732 No. 4, from 2708 to 2716

No. 2, from 1936 to 1944 No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from 2683 to 2687 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 1936 to 1944 feet. Flow Est. 75 BOPD

No. 2, from 2248 to 2253 feet. Water might have come

No. 3, from ..... to ..... feet. ~~from above zone?~~

No. 4, from ..... to ..... feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"OD	24 lb.	Used	506'	Guide	254'	----	Surface
7" OD	20 lb.	Used	2310'	Guide	2310'	----	Water shutoff
4 1/2"OD	11.6lb.	New	2751'	Float	---	*see below	production

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10 1/4"	8 5/8" OD	506'	50	Pump & Plug	-----	-----
8"	7" OD	2310'	--	Pump & Plug	-----	17 ex.
6 1/4"	4 1/2" OD	2751'	325	Pump & Plug	-----	-----

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

\*Perforated 1 jet shot each @ 1727', 1729', 1939', 1941', 1943', 2687', 2711', 2714', 2717'.

Frac w/750 g. acid, 84000 lbs. sand, 1268 bbls. water. Plug back w/sand, perforate two holes at 1989', set bridge plug at 1980', attempt to squeeze perforate 1933-1935', set bridge plug at 1901', squeeze w/150 sx. Drill out & perforate 1939-1940' w/4 holes, frac w/250 g. acid, 21,250 lbs. sand, 16,000 g. water.  
Result of Production Stimulation. Produce water. No oil.

Result of Production Stimulation.....Produce water.....No oil.

Depth Cleaned Flat ..... 1980'

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 2310' feet to 2751' feet, and from feet to feet.  
Cable tools were used from 2051' feet to 2310' feet, and from feet to feet.  
See Original Record 6-14-50.

PRODUCTION

Put to Producing Not productive, 19

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.			T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates			T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	1494		T. Ellenburger		T. Point Lookout
T. Grayburg	1844		T. Gr. Wash		T. Mancos
T. San Andres	2227		T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn			T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
SEE ORIGINAL LOG FILED JUNE 14, 14, 1950, FOR WELL RECORD TO 2051 FT. ORIGINALLY DRILLED BY MALCO-RESLER-YATES.							
2051	2070	19	Oolitic Dolomite				
2070	2080	10	Pink Sandy Dolomite				
2080	2103	23	Dolomite				
2103	2137	34	Pink Sandy Dolomite & Dolomitic Sandstone				
2137	2163	26	Sandy Dolomite				
2163	2227	64	Pink Sandy Dolomite, Gray Sand & Red Shale				
2227	2366	139	White Slightly Anhydrite Dolomite				
2366	2396	30	Sandy Dolomite				
2396	2751	355	Slightly Oolitic Dolomites				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Company or Operator International - Yates

Address P. O. Box 427, Artesia, N. Mex.  
10-19-64  
(Date)

Name C. R. Appledorn

Position or Title District Engineer