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LAND OFFICE	
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NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD


AREA 640 ACRES  
LOCATE WELL CORRECTLY

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

Bur. of mines

International Yates State 647  
(Company or Operator) (Lease)  
Well No. 202, in NE 1/4 of NE 1/4, of Sec. 36, T. 17 S., R. 28 E., NMPM.  
Under Artesia Pool, Eddy County.  
Well is 330 feet from North line and 330 feet from East line  
of Section 36. If State Land the Oil and Gas Lease No. is NM 647.  
Drilling Commenced 5-12, 1964. Drilling was Completed 6-6, 1964.  
Name of Drilling Contractor Harvey Yates  
Address Carper Building, Artesia, New Mexico  
Elevation above sea level at Top of Tubing Head 3669'. The information given is to be kept confidential until  
Not Confidential, 19.

OIL SANDS OR ZONES

RECEIVED

No. 1, from 2380 to 2390 No. 4, from to  
No. 2, from 2438 to 2445 No. 5, from JUN 24 1964  
No. 3, from 2484 to 2491 No. 6, from to

O. C. C.  
ARTESIA, OFFICE

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 365 to 370 feet. Not available  
No. 2, from to feet.  
No. 3, from to feet.  
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	21.9 lb.	Used	497'	Guide	----	----	Surface
4 1/2" OD	11.6 lb.	New	2565'	Float	----	*	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 5/8"	500'	75 sk.	Pump & Plug	----	----
8"	4 1/2"	2565'	150 sk.	Pump & Plug	----	----

RECORD OF PRODUCTION AND STIMULATION

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

\*Perf. 1 jet shot each @ 2381, 2383, 2385, 2387, 2440, 2442, 2486, 2488, 2490'. Treated down 4 1/2" csg. w/1000 gal. 15% NE acid. 85,000 lbs. sand. & 1223 bbls. fresh water.

Result of Production Stimulation Pumped 38 bbls. oil & 68 bbls. load water in 24 hrs.

Depth Cleaned Out 2655'

# 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 **Surface** feet to **2565** feet, and from .....feet to .....feet.

## PRODUCTION

Put to Producing: **June 18**, 19**64**.

OIL WELL: The production during the first 24 hours was **106** barrels of liquid of which **35.8** % was oil; **64.2** % was emulsion; **load** % water; and .....% was sediment. A.P.I. Gravity: **37°**

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

Length of Tool String: .....

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhydrite.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt..... <b>530</b>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Sand..... <b>650</b>	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. Permian.....	T. McKee.....	T. Menefee.....
T. Queen..... <b>1747</b>	T. Ellenburger.....	T. Point Lookout.....
T. Gray Sand..... <b>2178</b>	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... <b>2524</b>	T. Granite.....	T. Dakota.....
T. Gloriana.....	T. ....	T. Morrison.....
T. ...	T. ....	T. Penn.....
T. ...	T. ....	T. ....
T. ...	T. ....	T. ....
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T. ...	T. ....	T. ....

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	25	25	Caliche	2276	2330	54	Dolomite
25	35	10	Sand & Gravel	2330	2342	12	Tan Sand
35	305	270	Red Shale & sand	2342	2380	38	Dolomite
305	360	55	Red Bed	2380	2476	96	Dolomite & Tan Sand
360	370	10	Dolomite	2476	2524	48	Pink Dolomite, Tan & Red Sandstone
370	435	65	Red Bed	2524	2565	41	Pink to White Dolomite
435	455	20	Gravel				
455	475	20	Dolomite				
475	530	55	Anhydrite				
530	555	25	Anhydrite & Salt				
555	615	60	Salt				
615	650	35	Salt & Anhydrite				
650	1747	1097	Anhydrite & Red Bed				
1747	1778	31	Red Sand				
1778	2178	400	Red Sand, Anhydrite & Dolomite				
2178	2258	80	Dolomite				
2558	2276	18	Gray Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information furnished 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.

*C. R. Appledorn* June 22, 1964  
 (Date)

Company or Operator **International - Yates** Address **P. O. Box 427, Artesia, New Mexico**  
 Name **C. R. Appledorn** Position **District Engineer**