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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

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

International Yates State 647
(Company or Operator) (Lease)

Well No. 197, in NW 1/4 of NE 1/4, of Sec. 36, T. 17 S., R. 28 E., NMPM.
Artesia Queen Grayburg San Andres Pool, Eddy County.

Well is 660 feet from North line and 1980 feet from East line
of Section 36. If State Land the Oil and Gas Lease No. is NM 647.

Drilling Commenced 12-24, 1963. Drilling was Completed 1-24, 1964.

Name of Drilling Contractor Harvey Yates

Address 309 Carper Building, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3686 ft. The information given is to be kept confidential until
no confidential, 19.

OIL SANDS OR ZONES

RECEIVED

No. 1, from 2378 to 2386	No. 4, from to
No. 2, from 2434 to 2440	No. 5, from to
No. 3, from 2480 to 2489	No. 6, from to

MAR 5 1964

ARTESIA, OFFICE

IMPORTANT WATER SANDS

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

No. 1, from 325 to 330 feet	2 Bails Per Hour
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	430'	Guide	--	--	Surface
4 1/2" OD	11.6 lb.	New	2648'	Float	--	2379'-2486	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" OD	430'	75 sz.	Pump & Plug	Water	---
8"	4 1/2" OD	2648'	150 sz.	Pump & Plug	Water	---

RECORD OF PRODUCTION AND STIMULATION

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

Perforations: 1 jet shot each at 2379', 2380', 2381', 2434', 2435', 2436', 2482', 2484', 2486'. Fractured down casing with 60,000 lbs. sand and 1185 bbls. fresh water.

Result of Production Stimulation Pumped 40 bbls. oil and 10 bbls. load water in 24 hrs.

Depth Cleaned Out 2648'

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from **0** feet to **2649'** feet, and from _____ feet to _____ feet.

Put to Producing... **2-27**, 19**64**.....

OIL WELL: The production during the first 24 hours was 50 barrels of liquid of which 80.0 % was oil; --- % was emulsion; 20.0 % 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 Time Since: _____

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

Northwestern New Mexico

T. Ashy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt..... 573	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt..... 655	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. Kiverua.....	T. McKee.....	T. Menefee.....
T. Queen..... 1739	T. Ellenburger.....	T. Point Lookout.....
T. Gray..... 2175	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 2518	T. Granite.....	T. Dakota.....
T. Glenfann.....	T.	T. Morrison.....
T. Dunkard.....	T.	T. Penn.....
T. Turbs.....	T.	T.
T. Adams.....	T.	T.
T. Pettan.....	T.	T.
T. Miss.....	T.	T.

From	To	Thickness in Feet	Formation
0	20	20	Lime
20	573	553	Gravel & Red Bed
573	655	82	Salt
655	1739	1084	Anhydrite & Red Bed
1739	1772	33	Red Sand
1772	2175	403	Red Sand, Anhydrite, & Dolomite
2175	2254	79	Dolomite
2254	2273	19	Light Grey Sand
2273	2328	55	Dolomite
2328	2338	10	Tan Sand
2338	2368	30	Dolomite
2368	2386	18	Tan Sand
2386	2408	22	Dolomite
2408	2416	8	Tan Sand
2416	2476	60	Dolomite & Tan Sand
2476	2518	42	Tan Sand, Pink Dolomite, & Red Sand
2518	2613	95	Buff Dolomite
2613	2630	17	Tan Sand

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information set forth herein 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, New Mexico**
Name..... **C. R. Appledorn** Position Title..... **District Engineer**