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U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
PRODUCTION OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

X									

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

Malco State

(Company or Operator)

(Lease)

Well No. 4, in NW 1/4 of NW 1/4, of Sec. 23, T. 19-S, R. 28-E, NMPM.

East Millman Seven Rivers Pool, Eddy County.

Well is 660 feet from North line and 330 feet from West line

of Section 23. If State Land the Oil and Gas Lease No. is E-5136

Drilling Commenced November 23, 1962 ... Drilling was Completed December 3, 1962

Name of Drilling Contractor Harvey Yates Drilling Company

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3412' GL
The information given is to be kept confidential until Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 1127 to 1131 No. 4, from to
No. 2, from 1168 to 1172 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 200 to 230 feet. Unknown
No. 2, from to feet. 1963
No. 3, from to feet. ARTESIA OFFICE
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SOLE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	22 lb.	Used	303'	Reg. pattern			Surface casing
4 1/2"	11.6 lb.	New	1209'	Float		1127-31'; 1168-72'	Production casing

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"	8 5/8"	305'	50	Plug		
8"	4 1/2"	1210'	75	Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations 1127-31' with 30,000 lb. sd. using 175 barrels lease crude.

Treated perforations 1168-71' with 5,000 lb. sand using 732 barrels lease crude.

Result of Production Stimulation Initial Potential 3 bopd and 5 bwpd

Depth Cleaned Out 1210'

DRILLING AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used fromfeet tofeet, and fromfeet tofeet.
 Cable tools were used from **surface** feet to **1210'** feet, and fromfeet tofeet.

PRODUCTION

Put to Production **April 21**, 19**63**

OIL WELL: The well is producingbarrels of liquid of which **37.5** % was

**62.5** % water; and% was sediment. A.P.I.
**37°**.....

GAS WELL: The well is producingM.C.F. plusbarrels of
lbs.

Location: Well No.

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

	New Mexico		Northwestern New Mexico	
T. Abo.....		T. Permian.....	T. Ojo Alamo.....	
T. Salado.....		T. San Juan.....	T. Kirtland-Fruitland.....	
T. Sandia.....		T. Safford.....	T. Farmington.....	
T. Santa Fe.....	736'	T. Shiprock.....	T. Pictured Cliffs.....	
T. ...	1124'	T. ...	T. Menefee.....	
T. ...		T. Ellenburger.....	T. Point Lookout.....	
T. ...		T. ...	T. Mancos.....	
T. ...		T. ...	T. Dakota.....	
T. ...		T. ...	T. Morrison.....	
T. ...		T. ...	T. Penn.....	
T. ...		T. ...	T.	
T. ...		T. ...	T.	
T. ...		T. ...	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation
0	45	45	Sand & gravel
45	190	55	Red shale & gray shale
190	260	125	Red shale, sand, & shale
260	445	185	Anhydrite, shale & salt
445	580	135	Salt, anhydrite & lime
580	755	175	Anhydrite, shale & sand
755	870	115	Anhydrite & shale
870	1071	201	Anhydrite, sand & shale
1071	1117	46	Sand, anhydrite & shale
1117	1125	8	Anhydrite & lime
1125	1210	85	Anhydrite & lime

IF NECESSARY, ATTACHMENT OF ADDITIONAL SPACE IS NEEDED

I hereby certify that the above is a true and complete and correct record of the well and all work done on it so far as can be determined from the available data.

April 24, 1963 (Date)

Company or Operator: **International-Yates** Address: **P.O. Box 427, Artesia, New Mexico**
 Name: *Jack M. Hendler* Position: **District Engineer**