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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

International Yates State 648
(Company or Operator) (Lease)

Well No. 189, in SW 1/4 of SW 1/4, of Sec. 11, T. 19-S, R. 28-E, NMPM.
East Millman Queen Grayburg Pool, Eddy County.
Well is 330 feet from South line and 990 feet from West line
of Section 11. If State Land the Oil and Gas Lease No. is 648.
Drilling Commenced November 22, 1962. Drilling was Completed December 26, 1962.
Name of Drilling Contractor C. E. Roach Drilling Company.
Address Artesia, New Mexico.
Elevation above sea level at Top of Tubing Head 3540' GL. The information given is to be kept confidential until
Not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 1798 to 1804	No. 4, from 2078 to 2089
No. 2, from 1821 to 1836	No. 5, from 2191 to 2206
No. 3, from 2030 to 2049	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 230' to 250' feet.	
No. 2, from to feet.	
No. 3, from to feet.	
No. 4, from to feet.	

RECEIVED

MAR 14 1963

C. E. ROACH
ARTESIA, OFFICE

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4"	32.75	Used	452'	Regular Pattern			Surface Production
4 1/2"	11.6	New	2264'	Float		1798 1804; 1821-24; 1833 36; 2030 33; 2046-49; 2078 81; 2086-89; 2191-94; 2203-06'.	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12"	10 3/4	452'	100	One plug		
8"	4 1/2	2264'	200	One plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated selectively with straddle packers using 1250 gallons acid. 64,000 lb. sand and 2077 barrels lease crude.

Result of Production Stimulation After returning load oil initial potential was 19 barrels oil and 2 barrels water pumping.

Depth Cleaned Out 2263'

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 2265 feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....March 10....., 1963.....

OIL WELL: The production during the first 24 hours was.....21.....barrels of liquid of which.....90.....% was
was oil;0.....% was emulsion;10.....% water; and.....0.....% 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 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..... <u>814'</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... <u>1052'</u>	T. McKee.....	T. Menefee.....
T. Queen..... <u>1664'</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg..... <u>2011'</u>	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	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
0	30	30	Caliche & sand	2102	2223	121	Lime & sand
30	195	165	Sandy shale & red bed	2223	2265	42	Lime
195	260	65	Sand & anhydrite				
260	330	70	Anhydrite, shale & red bed				
330	410	80	Red bed & red shale				
410	455	45	Anhydrite, gypsum & salt				
455	570	115	Salt				
570	623	53	Salt, anhydrite & polyhalite				
623	725	102	Anhydrite				
725	810	85	Anhydrite & lime				
810	930	120	Anhydrite				
930	1030	100	Anhydrite				
1030	1130	100	Anhydrite & lime				
1130	1190	60	Lime & anhydrite				
1190	1275	85	Lime				
1275	1345	70	Lime				
1345	1415	70	Lime				
1415	1515	100	Lime				
1515	1621	106	Lime				
1621	1700	79	Sandy lime				
1700	1827	127	Sand & lime				
1827	1892	65	Sand & lime				
1892	1940	48	Lime & anhydrite				
1940	2004	64	Lime & gray sand				
2004	2102	98	Lime				

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.

March 13, 1963

(Date)

Company or Operator International Yates

Address P.O. Box 427, Artesia, New Mexico

Name J. C. Bendler *J. C. Bendler*

Position Title District Engineer