



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

WELL RECORD

DEC 19 1960

D. E. D.
ARTESIA OFFICE

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 QUINTUPPLICATE. If State Land submit 6 Copies

Western-Yates

(Company or Operator)

State 647

(Lease)

Well No. 164, in SW 1/4 of SW 1/4, of Sec. 26, T. 17-S, R. 28-E, NMPM.

Red Lake

Pool,

Eddy

County.

Well is 330 feet from South line and 330 feet from West line

of Section 26. If State Land the Oil and Gas Lease No. is 647

Drilling Commenced November 12, 1960 Drilling was Completed December 7, 1960

Name of Drilling Contractor Harvey Yates

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3679' The information given is to be kept confidential until

Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 883 to 890 No. 4, from to

No. 2, from 2110 to 2116 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 420 to 430 feet. Couldn't bail down -

No. 2, from to feet. 200' water in hole.

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	24.0	Used	562'		0		Surface
4-1/2	11.60	New	2147'		0	2110'-2116'	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	562	75	Texas Pattern		
8"	4-1/2	2147	275	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforations 2110'-16' were treated down 4-1/2" casing with 30,000 lbs. sand and 590 bbls. lease crude.

Result of Production Stimulation. Flowed 140 bbls. oil in 6 hours. no water. on 24/64" choke with 48 MCF gas. GOR 750.

Depth Cleaned Out

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.....0.....feet to.....2150.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....December 15....., 19.....60.....

OIL WELL: The production during the first 24 hours was.....140.....barrels of liquid of which.....100.....% was
was oil;.....0.....% was emulsion;.....0.....% 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.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....720	T. McKee.....	T. Menefee.....
T. Queen.....1400	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....1820	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....2148	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	205	205	Lime, red bed & sand	1390	1430	40	Red sand, shale & anhy.
205	265	60	Sand & shale	1430	1550	120	Dolo, anhy, red & gray shale
265	365	100	Red bed	1550	1560	10	Dolo. (1/2 pink)
365	380	15	Anhydrite	1560	1750	190	Anhy, red & gray sand, red s
380	420	40	Red shale	1750	1770	20	Dolo. & anhy.
420	430	10	Sand	1770	1870	100	Dolo, anhy, red sand & shale
430	560	130	Anhydrite	1870	1900	30	Gray sand, dolo. & anhy.
560	710	150	Anhy, red sand & shale	1900	1950	50	Dolomite
710	860	150	Anhy, dolo, red shale	1950	1980	30	Dolo. & gray sand
860	970	110	Dolo. & anhy.	1980	2010	30	Dolo. & anhy.
970	1170	200	Dolo, anhy, red & gry sh.	2010	2030	20	Dolo. & gray sand
1170	1190	20	Red sand & anhy.	2030	2050	20	Dolomite
1190	1230	40	Anhy, red shale & sand	2050	2060	10	Gray sand & dolomite
1230	1330	100	Anhy, red & gray shale	2060	2090	30	Dolomite
1330	1390	60	Dolo, anhy, & red shale	2090	2150	60	Dolo. (1/3 Pink) red & gry s
					TD	2150	

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.

December 16, 1960

(Date)

Company or Operator.....Western-Yates.....

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

Name.....R. J. Warrington.....

Position Title.....Engineer.....