



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

Western-Yates

State 647 Tract 7

(Company or Operator) _____ (Lease) _____
Well No. **139**, in **SW** 1/4 of **NW** 1/4, of Sec. **36**, T. **17S**, R. **28E**, NMPM.
Undesignated (Artesia) Pool, **Eddy** County.

Well is **1980** feet from **north** line and **660** feet from **west** line
of Section **36**. If State Land the Oil and Gas Lease No. is **647**

Drilling Commenced **February 19**, 19**57**. Drilling was Completed **February 25**, 19**57**.

Name of Drilling Contractor **S. P. Yates, Drlg. Co.**

Address **Artesia, New Mexico**

Elevation above sea level at Top of Tubing Head **3682' KB**. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from **2236** to **2242** No. 4, from **2609** to **2654 O.H.**
No. 2, from **2455** to **2463** No. 5, from _____ to _____
No. 3, from **2492** to **2499** 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 **Drilled with Rotary Rig** _____ feet.
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
7"	17#	new	605	Texas	not	none	surface
4 1/2"	9.50	"	2609	Packer	"	*	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
9 3/4"	7"	605	75	pump		circulated
6 1/4"	4 1/2"	2609	200	"		"

RECORD OF PRODUCTION AND STIMULATION

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

* sand-oil frac in the open hole 2609'-2654' w/10,000 gals. lease crude w/20,000 # sand, set B.P. @ 2505' & perf. 28 h 2492'-99', frac w/10,000 gals. lease crude w/20,000 # sand, set B.P. @ 2470' & perf. 32 h 2455'-63', frac w/26,000 gals. lease crude w/40,000 # sand, set B.P. @ 2250' & perf. 28 h 2236'-43' & frac w/11,500 gals. lease crude w/20,000 # sand. Drilled out all B.P.'s & now flowing LO.

Depth Cleaned Out _____

1 ORD 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 0 feet to 2654 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing March 13, 1957

OIL WELL: The production during the first 24 hours was 65 barrels of liquid of which 100% was oil; _____% was emulsion; _____% water; and _____% was sediment. A.P.I. Gravity 36°

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. 420	T. Devonian	T. Ojo Alamo
T. Salt 790	T. Silurian	T. Kirtland-Fruitland
B. Salt 845	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 1680	T. Ellenburger	T. Point Lookout
T. Grayburg 2080	T. Gr. Wash	T. Mancos
T. San Andres 2500	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	176	176	caliche & red bed				
176	420	244	red bed & sand stks.				
420	598	178	anhy. w/sand stks. & gyp.				
598	605	7	anhy.				
605	670	65	anhy. & red bed				
670	790	120	anhy. & shale				
790	845	55	salt				
845	1030	185	anhy. w/stks. lime				
1030	1305	275	anhy. & red bed stks.				
1305	1580	275	anhy.				
1580	1790	210	anhy. & lime stks.				
1790	2070	280	anhy. & lime stks. & red bed & red sand stks.				
2070	2275	205	anhy. & lime & sand stks.				
2275	2650	375	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 14, 1957 (Date)

Company or Operator Western-Yates

Address P. O. Box 445, Artesia, N.M.

Name R. E. Johnson

Position or Title Dist. Supt.