



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Western-Yates State 647 Tract 7
(Company or Operator) (Lease)

Well No. 142, in NE 1/4 of SW 1/4 of Sec. 36, T. 17S, R. 28E, NMPM.

Artesia Pool, Eddy County.

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

Drilling Commenced April 6, 1957. Drilling was Completed May 8, 1957.

Name of Drilling Contractor Roach & Shepard

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3679' DF. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 2356 to 2361	No. 4, from 2614 to 2620
No. 2, from 2587 to 2591	No. 5, from 2624 to 2630
No. 3, from 2597 to 2600	No. 6, from 2742 to 2750

IMPORTANT WATER SANDS

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

No. 1, from 285 to 300 feet.	1-9" x 38' Bailer
No. 2, from _____ to _____ feet.	per hour
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#	new	445'	Texas	not	*	Surface
4 1/2"	9.5#	"	2782'	Float	"		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"	445'	75	pump	water	none
8"	4 1/2"	2782'	200	"	salt water	none

RECORD OF PRODUCTION AND STIMULATION

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

*Perf. 32 h 2742-50 dumped 100 gals. MCA, frac w/10,000 gals. lease crude & 13,500# sd. Set B.P. @ 2640 & perf. 24 h 2624-30, 24 h 2614-20. Dump 100 gals. MCA & frac w/20,000 gals. crude w/40,000# sd. Set B.P. @ 2606, perf. 12 h 2507-2600, 16 h 2587-91 frac w/10,000 gals. crude & 20,000# sd. Set B.P. @ 2370 & Result of Production Stimulation perf. 24 h 2356-61. Dump 100 gals. MCA & frac w/8,500 gals. crude & 15,000# sd. 1/10# of Adomite per gal. of oil was used with first 3,000 gals. of each frac treatment. Average injection rate Depth Cleaned Out was 15 BPM, max. press. -3500#, min. press. 2700#. Shut-in treatment was 1900#.

1 ORD OF DRILL-STEM AND SPECIAL TES

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 2784 feet, and from 0 feet to 0 feet.
Cable tools were used from 0 feet to 2784 feet, and from 0 feet to 0 feet.

PRODUCTION

Put to Producing June 10 April 10, 19 57

OIL WELL: The production during the first 24 hours was 57 barrels of liquid of which 100 % was oil; -- % was emulsion; -- % water; and -- % was sediment. A.P.I. Gravity 35°

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	550'	T. Silurian		T. Kirtland-Fruitland
B. Salt	667'	T. Montoya		T. Farmington
T. Yates		T. Simpson		T. Pictured Cliffs
T. 7 Rivers		T. McKee		T. Menefee
T. Queen	1780'	T. Ellenburger		T. Point Lookout
T. Grayburg		T. Gr. Wash		T. Mancos
T. San Andres	2627'	T. Granite		T. Dakota
T. Gloria Lov. Sd.	2730'	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	1810	1840	30	anhy.
30	60	30	red sand	1840	1870	30	anhy. & shale
60	175	115	sd. red bed	1870	2260	390	anhy.
175	295	120	red rock	2260	2784	524	lime
295	330	35	sand & gravel	2784			T.D.
330	365	35	red bed				
365	375	10	anhy.				
375	440	65	anhy. & red bed				
440	445	5	anhy.				
445	465	20	red bed				
465	530	65	red rock				
530	550	20	anhy.				
550	667	117	salt				
667	705	38	anhy.				
705	715	10	red rock				
715	810	95	anhy.				
810	900	90	anhy. & red bed				
900	945	45	anhy.				
945	1015	70	anhy. & red bed				
1015	1025	10	gyp. & anhy.				
1025	1060	35	anhy.				
1060	1108	48	anhy. & red bed				
1108	1780	672	anhy.				
1780	1810	30	red sand				

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.

June 13, 1957 (Date)
Company or Operator Western-Yates Address P. O. Box 445, Artesia, N. M.
Name G. E. Hanson Position or Title Dist. Supt.