

N.

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.

Kersey & Company State
(Company or Operator) (Lease)

Well No. **20**, in **NW** 1/4 of **SE** 1/4, of Sec. **32**, T. **17 S**, R. **20E**, NMPM.
Artesia Pool, **Eliz** County.

Well is **1980** feet from **South** line and **1980** feet from **East** line
of Section **32**. If State Land the Oil and Gas Lease No. is **E-1717**.

Drilling Commenced **Jan. 23, 1954**, 19. Drilling was Completed **Feb. 28, 1954**, 19.

Name of Drilling Contractor **same**

Address **Artesia, N. Mex.**

Elevation above sea level at Top of Tubing Head **3673'**. The information given is to be kept confidential until **available now**, 19.

OIL SANDS OR ZONES

No. 1, from 640 to 672	No. 4, from _____ to _____
No. 2, from 681 to 688	No. 5, from _____ to _____
No. 3, from 695 to 702	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 610 to 615 feet.	rose to 350' unable to bail down - fresh water
No. 2, from _____ to _____ feet.	
No. 3, from _____ to _____ feet.	
No. 4, from 695 to 702 feet.	2 gallons of salt water/hour in oil pay

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	32	new	497'	common	350'		to shut off water

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	497'	41	plug		

RECORD OF PRODUCTION AND STIMULATION

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

well shot from 640 - 702' with 350 quarts of solidified nitro-glycerine - increased oil from 1 bbls/24 hours to an estimated 10 bbls/24 hours. Increased water from 2 gallons/hour to 8 bbls/hour measured.

Result of Production Stimulation **decided to plug hole**

Depth Cleaned Out.....

COORD OF DRILL-STEM AND SPECIAL TI

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

PRODUCTION

Put to Producing....., 19.....

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

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.....460	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.....660	T. McKee.....	T. Menefee.....
T. Queen.....1185	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....1655	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....1967	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	45	45	Caliche				
45	90	45	Red Beds				
90	260	210	Gyp & Red Beds				
260	360	100	Gyp				
360	415	55	Red Sand & Gyp - water 410' to 415' HP				
415	460	45	Red Beds & Gyp				
460	660	200	Anhy				
660	672	12	Brown Line - OIL				
672	681	9	Anhy				
681	688	7	Brown Line - OIL				
688	695	7	Anhy				
695	702	7	Brown Line - OIL				
702	1185	483	Anhy				
1185	1227	42	Red Sand				
1227	1655	428	Anhy				
1655	1810	155	Lime				
1810	1819	9	Sandy Lime				
1819	1911	92	Lime				
1911	1927	16	Sand				
1927	1937	10	Lime				
1937	1967	10	Sandy Lime				
1967	2038	91	White 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.

Company or Operator.....*Kersey & Co.*.....Address.....*Box 305, Artesia, N. Mex.*.....
Name.....*Harold Kersey*.....Position or Title.....*Partner*.....
Date.....*March 6, 1934*.....