

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 QUINTUPPLICATE.

CULBERTSON & IRWIN, INC.
(Company or Operator)Woolworth
(Lease)Well No. 1, in NW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 17, T. 25S, R. 37E, NMPM.Langlie-Hattix Pool, lea County.Well is 2310 feet from south line and 990 feet from west lineof Section 17. If State Land the Oil and Gas Lease No. is _____Drilling Commenced October 29, 1952 Drilling was Completed November 21, 1952Name of Drilling Contractor Hillman & CaldwellAddress Midland, TexasElevation above sea level at Top of Tubing Head 3089' The information given is to be kept confidential until Not confidential, 19____

OIL SANDS OR ZONES

No. 1, from 3310 to 3373 No. 4, from _____ to _____

No. 2, from _____ to _____ 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 _____ to _____ 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
10 3/4"	32.75#	Used	157	Guide			Surface
5 1/2"	15.50#	New	3288	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
13 3/4"	10 3/4"	157	125	Plug		
8 3/4"	5 1/2"	3288	250	Shoe Bomb Plug D.V.		
			100 D.V.	1090'		

RECORD OF PRODUCTION AND STIMULATION

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

500 gals Howco N.C.A. 3288-3375'
1500 " Hydrafrac 3288-3375'

Result of Production Stimulation _____

Depth Cleaned Out 3375'

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 Surface feet to 10 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing November 22, 1952.

OIL WELL: The production during the first 24 hours was 81 barrels of liquid of which 100 % 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..... <u>1052</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt..... <u>1160</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt..... <u>2680</u>	T. Montoya.....	T. Farmington.....
T. Yates..... <u>2797</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... <u>3088</u>	T. McKee.....	T. Menefee.....
T. Queen..... <u>3230</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	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	1052	1052	Red beds				
1052	1160	108	Anhydrite				
1160	1295	135	Salt				
1295	1610	315	Anhydrite & salt				
1610	2465	855	Salt & anhydrite				
2465	2630	165	Anhydrite				
2630	2720	90	Salt				
2720	2795	75	Dolomite & anhydrite				
2795	2990	195	Sand & dolomite				
2990	3090	100	Dolomite w/small amt of sand				
3090	3185	95	Sand & dolomite				
3185	3230	45	Dolomite w/sand streaks				
3230	3280	50	Sand				
3280	3295	15	Dolomite				
3295	3332	37	Sand w/dolomite streaks				
3332	3375	43	Dolomite w/sand streaks				

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 CULBERTSON & IRWIN, INC. Address Box 1071, Midland, Texas
 Name A. Mannon Jr. Position or Title Petroleum Engineer
 Date 11/25/52