

X							

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

Santiago Oil & Gas Company

(Company or Operator)

Darlington State

(Lease)

Well No. 4, in SW 1/4 of NW 1/4, of Sec. 13, T. 17 S., R. 32 E., NMPM.

Maljamar

Pool,

Lea

County.

Well is 1980 feet from North line and 1980 feet from West line

of Section 13 If State Land the Oil and Gas Lease No. is B-2229

Drilling Commenced 12-8-59, 19 Drilling was Completed 12-17-59, 19

Name of Drilling Contractor Great Western Drilling Company

Address P. O. Box 1699, Midland, Texas

Elevation above sea level at Top of Tubing Head 4130.10' The information given is to be kept confidential until not confidential, 19

OIL SANDS OR ZONES

No. 1, from 4118 to 4126 No. 4, from 4167 to 4174  
No. 2, from 4133 to 4135 No. 5, from 4230 to 4233  
No. 3, from 4137 to 4151 No. 6, from 4237 to 4241

IMPORTANT WATER SANDS

4246 4250  
4272 4300  
4375 4388

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
8 5/8"	24	Used	288'	Halliburton			Surface
5 1/2"	14	New	4394'	"			Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	8 5/8"	302'	250	Halliburton Pump & plug		
7 7/8"	5 1/2"	4408'	300	Pump & plug		

RECORD OF PRODUCTION AND STIMULATION

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

4,500 gal. acid, 40,000 gal. refined oil, 90,000 lb. sand

Result of Production Stimulation flowing

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

## PRODUCTION

Put to Producing 12-21-59, 19

OIL WELL: The production during the first 24 hours was 51 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 33.5

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 2098

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1171		T. Devonian		T. Ojo Alamo
T. Salt	1268		T. Silurian		T. Kirtland-Fruitland
B. Salt	2431		T. Montoya		T. Farmington
T. Yates	3469		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	Not picked		T. McKee		T. Menefee
T. Queen	3441		T. Ellenburger		T. Point Lookout
T. Grayburg	3983		T. Gr. Wash		T. Mancos
T. San Andres	4176		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	261	261	Sand & caliche				
261	1171	1110	Red bed				
1171	1268	57	Anhydrite				
1268	2431	1163	Salt				
2431	3469	1038	Sand and Anhydrite				
3469	3971	502	Sand				
3971	4413	542	Dolomite				
	TD						

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 22, 1959 (Date)  
Company or Operator Santiago Oil & Gas Company Address P. O. Box 1663, Midland, Texas  
Name Kirk Clausen Position or Title Secretary-Treasurer