

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1000000000 OFFICE 000

WELL RECORD 11 PM 3 12

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

Santiago Oil & Gas Company
 (Company or Operator)

Phillips Sprague
 (Lease)

Well No. 5, in NW 1/4 of SE 1/4, of Sec. 12, T. 17 S., R. 32 E., NMPM.
 Roberts Pool, Lea County.

Well is 1980 feet from South line and 1980 feet from East line
 of Section 12. If State Land the Oil and Gas Lease No. is B-2229

Drilling Commenced 1-23-60, 19. Drilling was Completed 2-5-60, 19.

Name of Drilling Contractor Great Western Drilling Company

Address P. O. Box 1659, Midland, Texas

Elevation above sea level at Top of Tubing Head 4241.1. The information given is to be kept confidential until not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 4217 to 4221	No. 4, from 4257 to 4263
No. 2, from 4246 to 4249	No. 5, from 4270 to 4275
No. 3, from 4252 to 4255	No. 6, from 4373 to 4377
	4378 to 4381
	4388 to 4394
	4446 to 4453

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
8 5/8"	24#	New	295	Halliburton			surface
5 1/2"	14#	New	4510				oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	8 5/8"	305	250	Pump and plug		
7 7/8"	5 1/2"	4520	300	"	"	

RECORD OF PRODUCTION AND STIMULATION

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

Fraced using 5,000 gal. acid, 35,000 gal. refined oil, 45,000 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 2-8-60, 19
OIL WELL: The production during the first 24 hours was 46 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 36
GAS WELL: The production during the first 24 hours was 0 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 0 lbs.
Length of Time Shut in 0

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	1310	T. Devonian	T. Ojo Alamo
T. Salt	1420	T. Silurian	T. Kirtland-Fruitland
B. Salt	2500	T. Montoya	T. Farmington
T. Yates	2610	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	not picked	T. McKee	T. Menefee
T. Queen	3360	T. Ellenburger	T. Point Lookout
T. Grayburg	3980	T. Gr. Wash	T. Mancos
T. San Andres	4040	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	170	170	Surface rock				
170	1310	1140	Red bed				
1310	1420	110	Anhydrite				
1420	2640	1220	Salt and anhydrite				
2640	2750	110	Sand				
2750	4030	1280	Anhydrite, shale and sand				
4030	4522	492	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.

February 10, 1960

Company or Operator SANTIAGO OIL & GAS COMPANY
Name

Address P. O. Box 1663, Midland, Texas
Position or Title Secretary-Treasurer