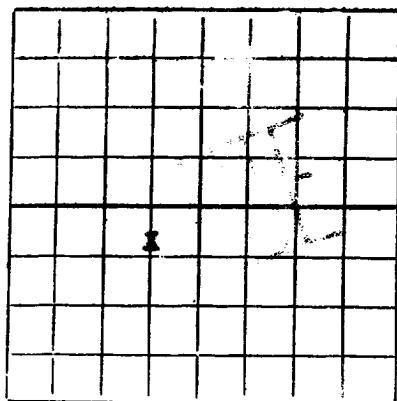




AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD 000

WELL RECORD AM 10 37

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. 1, in NE 1/4 of SW 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 West line

of Section 12 If State Land the Oil and Gas Lease No. is B-2229

Drilling Commenced 3-3-60, 19. Drilling was Completed 3-16-60, 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 4198.55' The information given is to be kept confidential until not confidential, 19.

## OIL SANDS OR ZONES

|                          |                          |
|--------------------------|--------------------------|
| No. 1, from 4106 to 4115 | No. 4, from 4233 to 4234 |
| No. 2, from 4147 to 4150 | No. 5, from 4237 to 4245 |
| No. 3, from 4226 to 4230 | No. 6, from 4251 to 4255 |

## IMPORTANT WATER SANDS

|                                                                                 |      |      |
|---------------------------------------------------------------------------------|------|------|
| Include data on rate of water inflow and elevation to which water rose in hole. | 4263 | 4266 |
|                                                                                 | 4274 | 4277 |
|                                                                                 | 4281 | 4284 |
|                                                                                 | 4353 | 4360 |

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              | N           | 289    | Halliburton  |                     |              | surface    |
| 5 1/2" | 14              | N           | 4405   | "            |                     |              | 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          | 303       | 250                 | pump and plug |             |                    |
| 7 7/8        | 5 1/2          | 4419      | 300                 | " "           |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

Fracd using 3,500 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 March 20, 1960  
OIL WELL: The production during the first 24 hours was 47 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity 35.5  
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 none

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

### Southeastern New Mexico

### Northwestern New Mexico

|                         |                 |                        |
|-------------------------|-----------------|------------------------|
| T. Anhy. 1160           | T. Devonian.    | T. Ojo Alamo.          |
| T. Salt. 1235           | T. Silurian.    | T. Kirtland-Fruitland. |
| B. Salt. 2396           | T. Montoya.     | T. Farmington.         |
| T. Yates. 2449          | T. Simpson.     | T. Pictured Cliffs.    |
| T. 7 Rivers. not picked | T. McKee.       | T. Menefee.            |
| T. Queen. 3424          | T. Ellenburger. | T. Point Lookout.      |
| T. Grayburg. 3950       | T. Gr. Wash.    | T. Mancos.             |
| T. San Andres. 4035     | 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<br>in Feet | Formation        | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|------------------|------|----|----------------------|-----------|
| 0    | 251  | 251                  | sand & caliche   |      |    |                      |           |
| 251  | 1157 | 886                  | red shale        |      |    |                      |           |
| 1157 | 1232 | 76                   | anhydrite        |      |    |                      |           |
| 1232 | 2448 | 1215                 | salt             |      |    |                      |           |
| 2448 | 3422 | 974                  | sand & anhydrite |      |    |                      |           |
| 3422 | 3940 | 528                  | sand & dolomite  |      |    |                      |           |
| 3940 | 4427 | 487                  | 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.

March 22, 1960

(Date)

Company or Operator SANTIAGO OIL & GAS COMPANY

Address P. O. Box 1663, Midland, Texas

Name [Signature]

Position Title Secretary-Treasurer