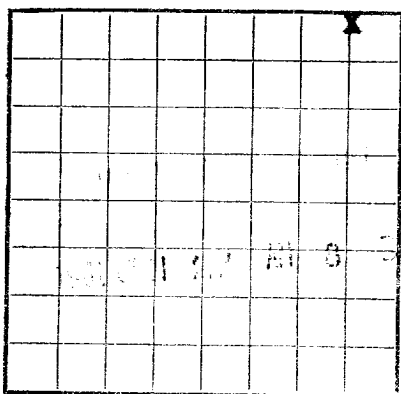


U. S. LAND OFFICE **LC967982-A**

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
APR 6 1961
GEOLOGICAL SURVEY
NEW MEXICO
JUN 23 1961
O. O. O.
ARTESIAN OFFICE

LOG OF OIL OR GAS WELL

Company **Santiago Oil and Gas Company** Address **P. O. Box 1663, Midland, Texas**
Lessor or Tract **Taxaco Federal** Field **Undesignated** State **New Mexico**
Well No. **1** Sec. **34** T. **18S** R. **32N** Meridian **N.M.P.M.** County **Lea**
Location **660** ft. **(N)** of **S** Line and **660** ft. **(W)** of **E** Line of **Sec. 34** Elevation **3717.5** Grd.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date **March 27, 1961**

Signed

Title **Petroleum Engineer**

The summary on this page is for the condition of the well at above date.

Commenced drilling **January 14**, 19**61** Finished drilling **February 27**, 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4056** to **63** No. 4, from _____ to _____
No. 2, from **3957** to **61** No. 5, from _____ to _____
No. 3, from **3940** to **50** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
95/8"	32	8	M40	1232	Malib.	none	none	none	surface
51/2"	14	8	J55	4157	W	none	4056	63	oil spring
							3940	50	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
95/8"	1240	300	plug and pump		
51/2"	4166	300	"	"	

PLUGS AND ADAPTERS

Heaving plug—Material **cast iron** Length **3'** Depth set **4250**
Adapters—Material _____ Size **7 7/8"**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Fracced with 650 gal. acid, 21,000 gal. refined oil, 38,000 lb. sand						

TOOLS USED

Rotary tools were used from **0** feet to **70** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **3-9-61**, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours **1,300,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **no bottom-hole pressure taken**

EMPLOYEES

Forester Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	caliche and sand
100	1180	1080	red shale
1180	1250	70	anhydrite
1250	2600	1350	salt
2600	2830	230	red shale and anhydrite
2830	3290	460	anhydrite and sandstone
3290	3910	620	dolomite and anhydrite
3910	4490	580	anhydrite and sandstone
4490	4865	375	dolomite
4865	7055	2190	grey shale and dolomite
7055	7160	105	dolomite and limestone

VALLEY OF THE GODS
MEXICO

JUN 23 1961

GEOLOGICAL SURVEY

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
			RECEIVED JUN 23 1961 D. C. C. ARTERIA. OFFICE
1025	1100	75	CONCRETE AND REINFORCED
1100	1150	50	STEEL BRACE AND CONCRETE
1150	1200	50	CONCRETE
1200	1250	50	CONCRETE AND REINFORCED
1250	1300	50	CONCRETE AND REINFORCED
1300	1350	50	CONCRETE AND REINFORCED
1350	1400	50	CONCRETE AND REINFORCED
1400	1450	50	CONCRETE AND REINFORCED
1450	1500	50	CONCRETE AND REINFORCED
1500	1550	50	CONCRETE AND REINFORCED
1550	1600	50	CONCRETE AND REINFORCED
1600	1650	50	CONCRETE AND REINFORCED
1650	1700	50	CONCRETE AND REINFORCED
1700	1750	50	CONCRETE AND REINFORCED
1750	1800	50	CONCRETE AND REINFORCED
1800	1850	50	CONCRETE AND REINFORCED
1850	1900	50	CONCRETE AND REINFORCED
1900	1950	50	CONCRETE AND REINFORCED
1950	2000	50	CONCRETE AND REINFORCED
2000	2050	50	CONCRETE AND REINFORCED
2050	2100	50	CONCRETE AND REINFORCED
2100	2150	50	CONCRETE AND REINFORCED
2150	2200	50	CONCRETE AND REINFORCED
2200	2250	50	CONCRETE AND REINFORCED
2250	2300	50	CONCRETE AND REINFORCED
2300	2350	50	CONCRETE AND REINFORCED
2350	2400	50	CONCRETE AND REINFORCED
2400	2450	50	CONCRETE AND REINFORCED
2450	2500	50	CONCRETE AND REINFORCED
2500	2550	50	CONCRETE AND REINFORCED
2550	2600	50	CONCRETE AND REINFORCED
2600	2650	50	CONCRETE AND REINFORCED
2650	2700	50	CONCRETE AND REINFORCED
2700	2750	50	CONCRETE AND REINFORCED
2750	2800	50	CONCRETE AND REINFORCED
2800	2850	50	CONCRETE AND REINFORCED
2850	2900	50	CONCRETE AND REINFORCED
2900	2950	50	CONCRETE AND REINFORCED
2950	3000	50	CONCRETE AND REINFORCED
3000	3050	50	CONCRETE AND REINFORCED
3050	3100	50	CONCRETE AND REINFORCED
3100	3150	50	CONCRETE AND REINFORCED
3150	3200	50	CONCRETE AND REINFORCED
3200	3250	50	CONCRETE AND REINFORCED
3250	3300	50	CONCRETE AND REINFORCED
3300	3350	50	CONCRETE AND REINFORCED
3350	3400	50	CONCRETE AND REINFORCED
3400	3450	50	CONCRETE AND REINFORCED
3450	3500	50	CONCRETE AND REINFORCED
3500	3550	50	CONCRETE AND REINFORCED
3550	3600	50	CONCRETE AND REINFORCED
3600	3650	50	CONCRETE AND REINFORCED
3650	3700	50	CONCRETE AND REINFORCED
3700	3750	50	CONCRETE AND REINFORCED
3750	3800	50	CONCRETE AND REINFORCED
3800	3850	50	CONCRETE AND REINFORCED
3850	3900	50	CONCRETE AND REINFORCED
3900	3950	50	CONCRETE AND REINFORCED
3950	4000	50	CONCRETE AND REINFORCED
4000	4050	50	CONCRETE AND REINFORCED
4050	4100	50	CONCRETE AND REINFORCED
4100	4150	50	CONCRETE AND REINFORCED
4150	4200	50	CONCRETE AND REINFORCED
4200	4250	50	CONCRETE AND REINFORCED
4250	4300	50	CONCRETE AND REINFORCED
4300	4350	50	CONCRETE AND REINFORCED
4350	4400	50	CONCRETE AND REINFORCED
4400	4450	50	CONCRETE AND REINFORCED
4450	4500	50	CONCRETE AND REINFORCED
4500	4550	50	CONCRETE AND REINFORCED
4550	4600	50	CONCRETE AND REINFORCED
4600	4650	50	CONCRETE AND REINFORCED
4650	4700	50	CONCRETE AND REINFORCED
4700	4750	50	CONCRETE AND REINFORCED
4750	4800	50	CONCRETE AND REINFORCED
4800	4850	50	CONCRETE AND REINFORCED
4850	4900	50	CONCRETE AND REINFORCED
4900	4950	50	CONCRETE AND REINFORCED
4950	5000	50	CONCRETE AND REINFORCED
5000	5050	50	CONCRETE AND REINFORCED
5050	5100	50	CONCRETE AND REINFORCED
5100	5150		

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

[illegible]