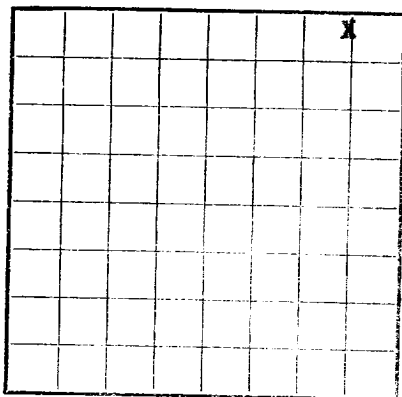




LOCATE WELL CORRECTLY

RECEIVED UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
JUN 5 1960
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company **Santiago Oil & Gas Company** Address **P. O. Box 1663, Midland, Texas**
Lessor or Tract **Jackson Federal** Field **Roberts** State **New Mexico**
Well No. **1** Sec. **3** T. **17S** R. **32E** Meridian **N.M.P.M.** County **Lea**
Location **660** ft. **S.** of **N** Line and **660** ft. **E.** of **E** Line of **Section 3** Elevation **4286.3'**
(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.
Signed *[Signature]* Title **Secretary-Treasurer**
Date **May 31, 1960**

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

Commenced drilling **May 1**, 19**60** Finished drilling **May 15**, 19**60**OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4105 to 4108	No. 4, from 4235 to 4238
No. 2, from 4185 to 4188	No. 5, from 4243 to 4246
No. 3, from 4196 to 4201	No. 6, from 4378 to 4388

IMPORTANT WATER SANDS

No. 1, from none 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—	
8 5/8	24	8	J55	296	Ball	Roberts	none	none	Oil casing
5 1/2	14	8	J55	399	Ball	Roberts	4105	4388	Oil casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	306	250	pump and plug		
5 1/2	4405	300			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Frac - 2,600 gal. acid, 30,000 gal. refined oil, 58,000 lb. sand						

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

DATES

Put to producing **May 23**, 19**60**The production for the first 24 hours was **47** barrels of fluid of which **100**% was oil; **0**% emulsion; **0**% water; and **0**% sediment. Gravity, °Bé. **35.5**If gas well, cu. ft. per 24 hours **0** Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. **0**

EMPLOYEES

Great Western Drilling Company Driller
Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	250	250	Sand & gravel
250	1195	945	Red shale
1195	1320	205	Anhydrite
1320	2480	1160	Salt
2480	3440	960	Shale
3440	3970	530	Sand and shale
3970	4405	475	Dolomite
	TD		

FOLD MARK

FROM-	TO-	TOTAL FEET	FORMATION
1000	900	100	Belmont
900	800	100	Sand and shale
800	700	100	Shale
700	600	100	Sand
600	500	100	Shale
500	400	100	Sand and shale
400	300	100	Sand
300	200	100	Shale
200	100	100	Sand
100	0	100	Sand & gravel
FORMATION RECORD			
Driller			
Machinery			
EMPLOYEES			
Back pressure, lbs. per sq. in.			
Gas was out 16 per 24 hours			
The sand section for the first 24 hours was			
Gravimetric, 98.6			
But to producing			
DATES			
Cable tools were used from			
Cable tools were used from			
TOOLS USED			
Explosive used			
Quantity			
Date			
Depth shot			
Depth raised out			
SHOOTING RECORD			
Adapters			
Depth set			
MUDLOGGING AND GENERAL RECORD			
Amount of mud used			

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 pumps or bridges were put in to test for water, state kind of material used, position, and results of pumping or burning.

OIL OR GAS SANDS OR TONES

No. 1 from	1000	1000	1000
No. 2 from	1000	1000	1000
No. 3 from	1000	1000	1000

IMPORTANT WATER SANDS

No. 1 from	1000	1000	1000
No. 2 from	1000	1000	1000

CASING RECORD

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 pumps or bridges were put in to test for water, state kind of material used, position, and results of pumping or burning.

HISTORY OF OIL OR GAS WELL