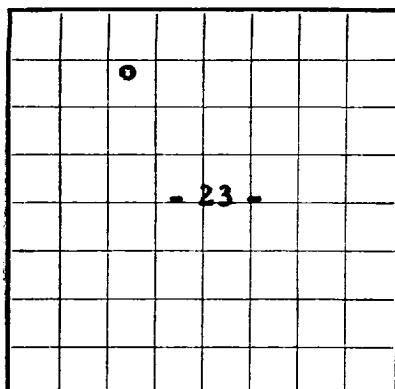


U. S. LAND OFFICE **Santa Fe, N.M.**SERIAL NUMBER **S.F. 081333**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **San Juan Gas Corporation** Address **1716 1st Natl. Bldg. Tulsa, Oklahoma**
Lessor or Tract _____ Field **Cavilan** State **New Mexico**
Well No. **23-A** Sec. **23** T. **24N** R. **2W** Meridian **New Mexico Prime** County **Rio Arriba**
Location **830** ft. **[S.]** of **N. Line** and **1660** ft. **[E.]** of **W Line** of **Sec. 23** Elevation **7288'**
(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 **Robert C. Larson**
ROBERT C. LARSON
Title **Vice President**

Date **January 16, 1957**

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

Commenced drilling **March 8,** 19**56.** Finished drilling **March 15,** 19**56.**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3265'** to **3320G** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____
IMPORTANT WATER SANDS
No. 1, from **444'** to **446'** No. 3, from _____ to _____
No. 2, from **689'** to **721'** No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Set and pulled from	Perforated	Purpose
							From	To
8-5/8"	24	8	C.F.I.	88.06	halliburton			Surface
5-1/2"	14	8	h	3271'				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	88.06	50 sacks	halliburton	-	-
5-1/2"	3271'	100	"		

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

TOOLS USED

Rotary tools were used from **Surface** feet to **3353** feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 16, 1957 Put to producing **Shut in**, 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 **2,541 mcf** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **885**

EMPLOYEES

R. B. Stanberry, Driller _____, Driller

W. H. Sorrow, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	444	444	Sh.
444	466	22	ss.
466	689	223	sh.
689	721	32	ss.
721	869	148	sh.
869	1012	143	ss and sh streaks.
1012	1058	46	sh.
1058	1544	486	ss.
1544	1754	210	sh.
1754	2046	292	ss.
2046	2387	341	sh.
2387	2647	260	sh with ss streaks.
2647	2986	339	ss.
2986	3017	31	sh.
3017	3070	53	ss.
3070	3093	23	sh.
3093	3113	20	ss.
3113	3156	43	sh.
3156	3162	6	ss.
3162	3265	103	broken coal and shale.
3265	3320	55	shaley gas ss.
3320	3353	33	sh.

LOOKS WELL CORRECTLY

NO. 10 SANDS OF KONGA

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 size, position, and number of shots. If logs or bridges were put in to test for water, state kind of material used, position, and results of pumping or drilling.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM	TO	TOTAL FEET	FORMATION
9800	9700	100	SANDSTONE
9700	9600	100	SANDSTONE
9600	9500	100	SANDSTONE
9500	9400	100	SANDSTONE
9400	9300	100	SANDSTONE
9300	9200	100	SANDSTONE
9200	9100	100	SANDSTONE
9100	9000	100	SANDSTONE
9000	8900	100	SANDSTONE
8900	8800	100	SANDSTONE
8800	8700	100	SANDSTONE
8700	8600	100	SANDSTONE
8600	8500	100	SANDSTONE
8500	8400	100	SANDSTONE
8400	8300	100	SANDSTONE
8300	8200	100	SANDSTONE
8200	8100	100	SANDSTONE
8100	8000	100	SANDSTONE
8000	7900	100	SANDSTONE
7900	7800	100	SANDSTONE
7800	7700	100	SANDSTONE
7700	7600	100	SANDSTONE
7600	7500	100	SANDSTONE
7500	7400	100	SANDSTONE
7400	7300	100	SANDSTONE
7300	7200	100	SANDSTONE
7200	7100	100	SANDSTONE
7100	7000	100	SANDSTONE
7000	6900	100	SANDSTONE
6900	6800	100	SANDSTONE
6800	6700	100	SANDSTONE
6700	6600	100	SANDSTONE
6600	6500	100	SANDSTONE
6500	6400	100	SANDSTONE
6400	6300	100	SANDSTONE
6300	6200	100	SANDSTONE
6200	6100	100	SANDSTONE
6100	6000	100	SANDSTONE
6000	5900	100	SANDSTONE
5900	5800	100	SANDSTONE
5800	5700	100	SANDSTONE
5700	5600	100	SANDSTONE
5600	5500	100	SANDSTONE
5500	5400	100	SANDSTONE
5400	5300	100	SANDSTONE
5300	5200	100	SANDSTONE
5200	5100	100	SANDSTONE
5100	5000	100	SANDSTONE
5000	4900	100	SANDSTONE
4900	4800	100	SANDSTONE
4800	4700	100	SANDSTONE
4700	4600	100	SANDSTONE
4600	4500	100	SANDSTONE
4500	4400	100	SANDSTONE
4400	4300	100	SANDSTONE
4300	4200	100	SANDSTONE
4200	4100	100	SANDSTONE
4100	4000	100	SANDSTONE
4000	3900	100	SANDSTONE
3900	3800	100	SANDSTONE
3800	3700	100	SANDSTONE
3700	3600	100	SANDSTONE
3600	3500	100	SANDSTONE
3500	3400	100	SANDSTONE
3400	3300	100	SANDSTONE
3300	3200	100	SANDSTONE
3200	3100	100	SANDSTONE
3100	3000	100	SANDSTONE
3000	2900	100	SANDSTONE
2900	2800	100	SANDSTONE
2800	2700	100	SANDSTONE
2700	2600	100	SANDSTONE
2600	2500	100	SANDSTONE
2500	2400	100	SANDSTONE
2400	2300	100	SANDSTONE
2300	2200	100	SANDSTONE
2200	2100	100	SANDSTONE
2100	2000	100	SANDSTONE
2000	1900	100	SANDSTONE
1900	1800	100	SANDSTONE
1800	1700	100	SANDSTONE
1700	1600	100	SANDSTONE
1600	1500	100	SANDSTONE
1500	1400	100	SANDSTONE
1400	1300	100	SANDSTONE
1300	1200	100	SANDSTONE
1200	1100	100	SANDSTONE
1100	1000	100	SANDSTONE
1000	900	100	SANDSTONE
900	800	100	SANDSTONE
800	700	100	SANDSTONE
700	600	100	SANDSTONE
600	500	100	SANDSTONE
500	400	100	SANDSTONE
400	300	100	SANDSTONE
300	200	100	SANDSTONE
200	100	100	SANDSTONE
100	0	100	SANDSTONE