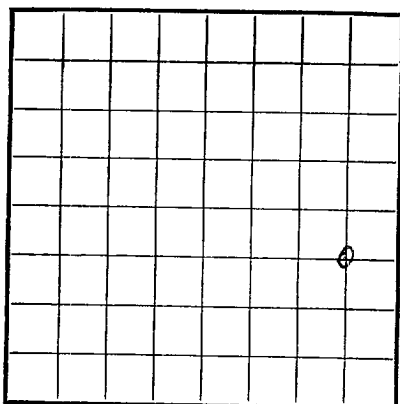




LOCATE WELL CORRECTLY

U. S. LAND OFFICE _____
SERIAL NUMBER **LC 068846** _____
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Santana Petroleum Corp.** Address **Box 1205, Midland, Texas**
Lessor or Tract **Annie Bass-Federal** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **8** T. **25** R. **33** Meridian _____ County **Lea**
Location **1980** ft. **N.** of **S.** Line and **660** ft. **E.** of **E.** Line of **Section 8** Elevation **3446** GL
(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 Ralph H. HarnettDate **July 21, 1961**Title **Geologist**

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

Commenced drilling **April 4**, 19**61** Finished drilling **April 15**, 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 _____ 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	120	3	API	407	Star	None			Protect
									Ground
									Water

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	407	190	pump & plug		cement circulated

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 **0** feet to **TD 5210** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **P & A**, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	450	450	ls 7 sd Tertiary
450	1060	610	Red Beds Triassic
1060	1430	470	Anhy. & Salt Rustler & Salado
1430	5013	3583	Anhydrite Castile
5013	5042	29	lmy shale Delaware Lime
5042	5210	158	Sand & shale Bell Canyon
Electric Log Tops			
T. Rustler	1060		
Base Salt	4770		
T. Delaware Lm.	5013		
T. Delaware Sd.	5042		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

VERGARA, J. 1993. *Estuaries*. Academic Press, San Diego, California.

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

Dated _____

Notary Public

Witness my hand and seal of office at _____
this _____ day of _____ A.D. 19__

Address Box 1107, Williams, Texas
State of Texas
Field Office No. 2826

What was taken down by _____
_____ of _____
of _____
at _____
on _____

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The next step is to collect data. This is done by the investigator who is responsible for the study. The next step is to analyze the data. This is done by the investigator who is responsible for the study. The next step is to interpret the data. This is done by the investigator who is responsible for the study. The next step is to report the results. This is done by the investigator who is responsible for the study.

240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990

(G) ud app signs(L)

6071 of 8 5/8 " csg. electric in note.

No. 60

Core: 5050, -5101, Rec. 51, sand and shale, sand NS
5101, -5153, Rec. 52, sand and shale, sand NS

pin 1500 cc filter water:
important water sands

1 hr. test Rec. .45 cu. ft. Gas

of 1964

ORDER RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 10-53087-2

[illegible]