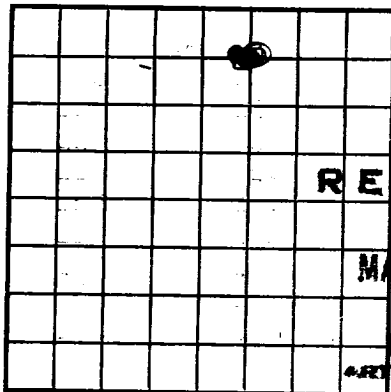


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029451**
LEASE OR PERMIT TO PROSPECT **Geo. Bts**

RECEIVED DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

MAR 10 1977

D. C. C.
ARTESIA, N.M.

UNITED STATES

30-015-04936

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **The Vickers Pet. Co. Inc.** Address **201 N-L-B Bldg. Wichita Kansas.**
Lessor or Tract **Geo. Bts** Field **Square Lake** State **New Mexico**
Well No. **4** Sec. **30** T. **12S** R. **51E** Meridian **NPM** County **Sady**
Location **660** ft. of **N.** Line and **1980** ft. of **E.** Line of **sec. 30** Elevation **3245**
(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 **Amos S. Banks**Date **July 12, 1944** Title **Geological Engineer**

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

Commenced drilling **May 10**, 19 **44** Finished drilling **July 1**, 19 **44**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3054** to **3080** No. 4, from **3080** to **3100**
No. 2, from **3094** to **3108** No. 5, from **3108** to **3120**
No. 3, from **3108** to **3120** No. 6, from **3120** to **3140**

IMPORTANT WATER SANDS

No. 1, from **2415** to **2455** No. 3, from **2455** to **2475**
No. 2, from **2475** to **2495** No. 4, from **2495** to **2515**

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	26	8	How	3004	How	3004			
7	24	8	How	3004	How	3004			
6 1/2	24	8	How	3004	How	3004			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	3004	50	Ballburton		
7	2475	Pulled	"		
6 1/2	3004	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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3144** feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing **July 1**, 19 **44**
The production for the first 24 hours was **153** barrels of fluid of which **100** % was oil; **0** %
emulsion; **0** % water; and **0** % sediment. Gravity **Be.**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Running pressure, lbs. per sq. in. _____

EMPLOYEES

Paymell _____, Driller
Ed Dorman _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
3004	3080	76	Sand
3080	3108	28	Gypsum
3108	3120	12	Red rock and gypsum
3120	3140	20	Red rock
3140	3160	20	Anhydrite
3160	3180	20	"
3180	3200	20	Red shale
3200	3220	20	Anhydrite
3220	3240	20	Salt
3240	3260	20	" and anhydrite
3260	3280	20	Salt
3280	3300	20	Anhydrite
3300	3320	20	Red shale
3320	3340	20	Anhydrite
3340	3360	20	Red shale
3360	3380	20	" and anhydrite
3380	3400	20	Anhydrite
3400	3420	20	" and red shale
3420	3440	20	Brown sand
3440	3460	20	Anhydrite
3460	3480	20	" and red shale
3480	3500	20	Anhydrite
3500	3520	20	"
3520	3540	20	Brown lime and sand
3540	3560	20	Gr. lime
3560	3580	20	Anhydrite
3580	3600	20	" and gr. lime

FORMATION RECORD—Continued

U. S. LAND OFFICE HAS 314872
SERIAL NUMBER 022221
LEASE OR PERMIT TO PROSPECT 0000

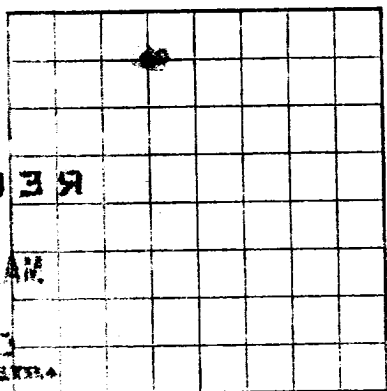
RECEIVED
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAR 10 1937

30-012-04436

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY



Company _____
Address _____
Field _____
State _____
County _____
Section _____
Twp _____
Range _____
Location _____
The information given is a complete and correct record of the well and all work done thereon
as far as can be determined from the records.

Signed _____
This is a true and correct copy of the original record of the well as above described.

Commenced drilling _____
Completed drilling _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____
No. 2 from _____
No. 3 from _____

IMPORTANT WATER SANDS

No. 1 from _____
No. 2 from _____

CASING RECORD

Size _____
Weight _____
Depth _____

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 bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 9-0745

MEASUREMENT

DATE	DEPTH	FORMATION	REMARKS
1937	1810	Gr. lime	Gr. lime
1937	1800	Gr. lime	Gr. lime
1937	1790	Gr. lime	Gr. lime
1937	1780	Gr. lime	Gr. lime
1937	1770	Gr. lime	Gr. lime
1937	1760	Gr. lime	Gr. lime
1937	1750	Gr. lime	Gr. lime
1937	1740	Gr. lime	Gr. lime
1937	1730	Gr. lime	Gr. lime
1937	1720	Gr. lime	Gr. lime
1937	1710	Gr. lime	Gr. lime
1937	1700	Gr. lime	Gr. lime
1937	1690	Gr. lime	Gr. lime
1937	1680	Gr. lime	Gr. lime
1937	1670	Gr. lime	Gr. lime
1937	1660	Gr. lime	Gr. lime
1937	1650	Gr. lime	Gr. lime
1937	1640	Gr. lime	Gr. lime
1937	1630	Gr. lime	Gr. lime
1937	1620	Gr. lime	Gr. lime
1937	1610	Gr. lime	Gr. lime
1937	1600	Gr. lime	Gr. lime
1937	1590	Gr. lime	Gr. lime
1937	1580	Gr. lime	Gr. lime
1937	1570	Gr. lime	Gr. lime
1937	1560	Gr. lime	Gr. lime
1937	1550	Gr. lime	Gr. lime
1937	1540	Gr. lime	Gr. lime
1937	1530	Gr. lime	Gr. lime
1937	1520	Gr. lime	Gr. lime
1937	1510	Gr. lime	Gr. lime
1937	1500	Gr. lime	Gr. lime
1937	1490	Gr. lime	Gr. lime
1937	1480	Gr. lime	Gr. lime
1937	1470	Gr. lime	Gr. lime
1937	1460	Gr. lime	Gr. lime
1937	1450	Gr. lime	Gr. lime
1937	1440	Gr. lime	Gr. lime
1937	1430	Gr. lime	Gr. lime
1937	1420	Gr. lime	Gr. lime
1937	1410	Gr. lime	Gr. lime
1937	1400	Gr. lime	Gr. lime
1937	1390	Gr. lime	Gr. lime
1937	1380	Gr. lime	Gr. lime
1937	1370	Gr. lime	Gr. lime
1937	1360	Gr. lime	Gr. lime
1937	1350	Gr. lime	Gr. lime
1937	1340	Gr. lime	Gr. lime
1937	1330	Gr. lime	Gr. lime
1937	1320	Gr. lime	Gr. lime
1937	1310	Gr. lime	Gr. lime
1937	1300	Gr. lime	Gr. lime
1937	1290	Gr. lime	Gr. lime
1937	1280	Gr. lime	Gr. lime
1937	1270	Gr. lime	Gr. lime
1937	1260	Gr. lime	Gr. lime
1937	1250	Gr. lime	Gr. lime
1937	1240	Gr. lime	Gr. lime
1937	1230	Gr. lime	Gr. lime
1937	1220	Gr. lime	Gr. lime
1937	1210	Gr. lime	Gr. lime
1937	1200	Gr. lime	Gr. lime
1937	1190	Gr. lime	Gr. lime
1937	1180	Gr. lime	Gr. lime
1937	1170	Gr. lime	Gr. lime
1937	1160	Gr. lime	Gr. lime
1937	1150	Gr. lime	Gr. lime
1937	1140	Gr. lime	Gr. lime
1937	1130	Gr. lime	Gr. lime
1937	1120	Gr. lime	Gr. lime
1937	1110	Gr. lime	Gr. lime
1937	1100	Gr. lime	Gr. lime
1937	1090	Gr. lime	Gr. lime
1937	1080	Gr. lime	Gr. lime
1937	1070	Gr. lime	Gr. lime
1937	1060	Gr. lime	Gr. lime
1937	1050	Gr. lime	Gr. lime
1937	1040	Gr. lime	Gr. lime
1937	1030	Gr. lime	Gr. lime
1937	1020	Gr. lime	Gr. lime
1937	1010	Gr. lime	Gr. lime
1937	1000	Gr. lime	Gr. lime
1937	990	Gr. lime	Gr. lime
1937	980	Gr. lime	Gr. lime
1937	970	Gr. lime	Gr. lime
1937	960	Gr. lime	Gr. lime
1937	950	Gr. lime	Gr. lime
1937	940	Gr. lime	Gr. lime
1937	930	Gr. lime	Gr. lime
1937	920	Gr. lime	Gr. lime
1937	910	Gr. lime	Gr. lime
1937	900	Gr. lime	Gr. lime
1937	890	Gr. lime	Gr. lime
1937	880	Gr. lime	Gr. lime
1937	870	Gr. lime	Gr. lime
1937	860	Gr. lime	Gr. lime
1937	850	Gr. lime	Gr. lime
1937	840	Gr. lime	Gr. lime
1937	830	Gr. lime	Gr. lime
1937	820	Gr. lime	Gr. lime
1937	810	Gr. lime	Gr. lime
1937	800	Gr. lime	Gr. lime
1937	790	Gr. lime	Gr. lime
1937	780	Gr. lime	Gr. lime
1937	770	Gr. lime	Gr. lime
1937	760	Gr. lime	Gr. lime
1937	750	Gr. lime	Gr. lime
1937	740	Gr. lime	Gr. lime
1937	730	Gr. lime	Gr. lime
1937	720	Gr. lime	Gr. lime
1937	710	Gr. lime	Gr. lime
1937	700	Gr. lime	Gr. lime
1937	690	Gr. lime	Gr. lime
1937	680	Gr. lime	Gr. lime
1937	670	Gr. lime	Gr. lime
1937	660	Gr. lime	Gr. lime
1937	650	Gr. lime	Gr. lime
1937	640	Gr. lime	Gr. lime
1937	630	Gr. lime	Gr. lime
1937	620	Gr. lime	Gr. lime
1937	610	Gr. lime	Gr. lime
1937	600	Gr. lime	Gr. lime
1937	590	Gr. lime	Gr. lime
1937	580	Gr. lime	Gr. lime
1937	570	Gr. lime	Gr. lime
1937	560	Gr. lime	Gr. lime
1937	550	Gr. lime	Gr. lime
1937	540	Gr. lime	Gr. lime
1937	530	Gr. lime	Gr. lime
1937	520	Gr. lime	Gr. lime
1937	510	Gr. lime	Gr. lime
1937	500	Gr. lime	Gr. lime
1937	490	Gr. lime	Gr. lime
1937	480	Gr. lime	Gr. lime
1937	470	Gr. lime	Gr. lime
1937	460	Gr. lime	Gr. lime
1937	450	Gr. lime	Gr. lime
1937	440	Gr. lime	Gr. lime
1937	430	Gr. lime	Gr. lime
1937	420	Gr. lime	Gr. lime
1937	410	Gr. lime	Gr. lime
1937	400	Gr. lime	Gr. lime
1937	390	Gr. lime	Gr. lime
1937	380	Gr. lime	Gr. lime
1937	370	Gr. lime	Gr. lime
1937	360	Gr. lime	Gr. lime
1937	350	Gr. lime	Gr. lime
1937	340	Gr. lime	Gr. lime
1937	330	Gr. lime	Gr. lime
1937	320	Gr. lime	Gr. lime
1937	310	Gr. lime	Gr. lime
1937	300	Gr. lime	Gr. lime
1937	290	Gr. lime	Gr. lime
1937	280	Gr. lime	Gr. lime
1937	270	Gr. lime	Gr. lime
1937	260	Gr. lime	Gr. lime
1937	250	Gr. lime	Gr. lime
1937	240	Gr. lime	Gr. lime
1937	230	Gr. lime	Gr. lime
1937	220	Gr. lime	Gr. lime
1937	210	Gr. lime	Gr. lime
1937	200	Gr. lime	Gr. lime
1937	190	Gr. lime	Gr. lime
1937	180	Gr. lime	Gr. lime
1937	170	Gr. lime	Gr. lime
1937	160	Gr. lime	Gr. lime
1937	150	Gr. lime	Gr. lime
1937	140	Gr. lime	Gr. lime
1937	130	Gr. lime	Gr. lime
1937	120	Gr. lime	Gr. lime
1937	110	Gr. lime	Gr. lime
1937	100	Gr. lime	Gr. lime
1937	90	Gr. lime	Gr. lime
1937	80	Gr. lime	Gr. lime
1937	70	Gr. lime	Gr. lime
1937	60	Gr. lime	Gr. lime
1937	50	Gr. lime	Gr. lime
1937	40	Gr. lime	Gr. lime
1937	30	Gr. lime	Gr. lime
1937	20	Gr. lime	Gr. lime
1937	10	Gr. lime	Gr. lime
1937	0	Gr. lime	Gr. lime

FORMATION RECORD—Continued

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