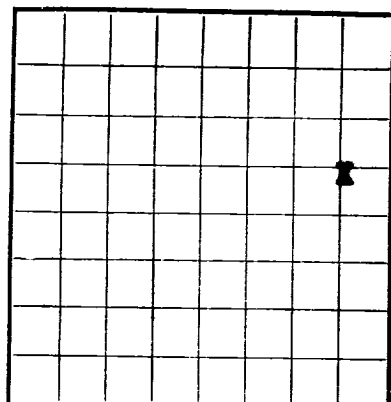


U. S. LAND OFFICE -----

SERIAL NUMBER 11-00000

LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

Company **THE ATLANTIC REFINING COMPANY** Address **BOX 1038, DENVER CITY, TEXAS**
Lessor or Tract **FEDERAL YATES** Field **NORTH ALLISON** State **NEW MEXICO**
Well No. **1** Sec. **35** T. **22** R. **36E** Meridian **N41W** County **SEA**
Location **1980** ^(N) **North** Line and **660** ^(E) **East** Line of **Section 35** Elevation **4067**

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 W. Carr

Date December 30, 1948 Title District Superintendent

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

Commenced drilling November 4, 1951 Finished drilling December 22, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~9603~~ to ~~9695~~ 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 ~~None~~ to _____

No. 2, from _____ to _____

No. 3, 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—	
11-9/16"	124	3rd	New	996.56	Larkin				Surface
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
11-3/4"	172-84	300 sacks	Pump	10.3	None
8-5/8"	4930-98	1000 sacks	Pump	9.3	None
5 1/2"	9730-01	900 sacks	Pump	9.5	None

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

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

DATES

_____, 19____ Put to producing _____ 19____

The production for the first 24 hours was 367.27 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

Robert Taurus, Driller J. B. Harrington, Driller

Jack Ferrigno, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	374	374	Surface
374	1320	946	Redbed
1320	1863	543	Redbed
1863	2270	407	Redbed & Gyp
2270	2479	209	Redbed
2479	2663	184	Anhy. & Salt Strks.
2663	2997	274	Anhy. & Salt
2997	3360	423	Anhy. & Salt Strks.
3360	3550	190	Anhy. & Salt
3550	3626	76	Anhy. & Salt Strks.
3626	3703	77	Anhy. & Salt
3703	3903	202	Anhy. & Salt Strks.
3903	4161	256	Anhy. & Gyp
4161	4390	229	Anhy.
4390	4452	62	Lime & Anhy.
4452	4483	31	Lime & Anhy. Strks.
4483	4905	422	Lime & Anhy.
4905	5045	140	Lime
5045	7690	2595	Lime & Anhy. Strks.
7690	8090	400	Lime
8090	8185	95	Shale
8185	8227	42	Shale & Lime
8227	8407	180	Lime
8407	8892	484	Shale & Lime
8892	8945	54	Lime
8945	9083	98	Lime & Chert
			Lime

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Commenced drilling _____, 1952. Finished drilling _____, 1952. The summary on this page is for the condition of the well at above date.

Date _____, 1952. Title _____

OIL OR GAS SANDS OR ZONES

(Derote was 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. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

CASING RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Adapters—Material	Length	Depth set

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATE

If gas well out in 24 hours Gallons gasoline per 100 cu. ft. of gas Gravity, 116 The production for the first 24 hours was 100% water; and 100% sediment	Put to producing 100% was oil; 100%
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EMPLOYEES

Driller	Robert J. [unclear]	Driller
Driller	Robert J. [unclear]	Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Gravel
10	20	20	Gravel
20	30	30	Gravel
30	40	40	Gravel
40	50	50	Gravel
50	60	60	Gravel
60	70	70	Gravel
70	80	80	Gravel
80	90	90	Gravel
90	100	100	Gravel
100	110	110	Gravel
110	120	120	Gravel
120	130	130	Gravel
130	140	140	Gravel
140	150	150	Gravel
150	160	160	Gravel
160	170	170	Gravel
170	180	180	Gravel
180	190	190	Gravel
190	200	200	Gravel
200	210	210	Gravel
210	220	220	Gravel
220	230	230	Gravel
230	240	240	Gravel
240	250	250	Gravel
250	260	260	Gravel
260	270	270	Gravel
270	280	280	Gravel
280	290	290	Gravel
290	300	300	Gravel
300	310	310	Gravel
310	320	320	Gravel
320	330	330	Gravel
330	340	340	Gravel
340	350	350	Gravel
350	360	360	Gravel
360	370	370	Gravel
370	380	380	Gravel
380	390	390	Gravel
390	400	400	Gravel
400	410	410	Gravel
410	420	420	Gravel
420	430	430	Gravel
430	440	440	Gravel
440	450	450	Gravel
450	460	460	Gravel
460	470	470	Gravel
470	480	480	Gravel
480	490	490	Gravel
490	500	500	Gravel
500	510	510	Gravel
510	520	520	Gravel
520	530	530	Gravel
530	540	540	Gravel
540	550	550	Gravel
550	560	560	Gravel
560	570	570	Gravel
570	580	580	Gravel
580	590	590	Gravel
590	600	600	Gravel
600	610	610	Gravel
610	620	620	Gravel
620	630	630	Gravel
630	640	640	Gravel
640	650	650	Gravel
650	660	660	Gravel
660	670	670	Gravel
670	680	680	Gravel
680	690	690	Gravel
690	700	700	Gravel
700	710	710	Gravel
710	720	720	Gravel
720	730	730	Gravel
730	740	740	Gravel
740	750	750	Gravel
750	760	760	Gravel
760	770	770	Gravel
770	780	780	Gravel
780	790	790	Gravel
790	800	800	Gravel
800	810	810	Gravel
810	820	820	Gravel
820	830	830	Gravel
830	840	840	Gravel
840	850	850	Gravel
850	860	860	Gravel
860	870	870	Gravel
870	880	880	Gravel
880	890	890	Gravel
890	900	900	Gravel
900	910	910	Gravel
910	920	920	Gravel
920	930	930	Gravel
930	940	940	Gravel
940	950	950	Gravel
950	960	960	Gravel
960	970	970	Gravel
970	980	980	Gravel
980	990	990	Gravel
990	1000	1000	Gravel