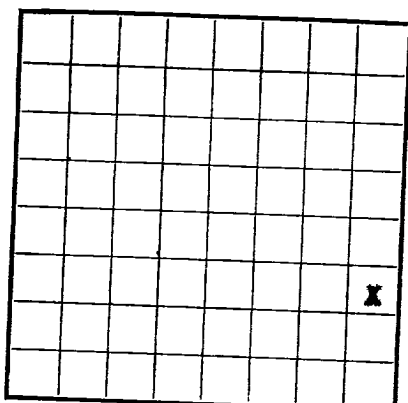


U. S. LAND OFFICE ~~Las Cruces~~
SERIAL NUMBER ~~10-06943~~
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company The Atlantic Refining Company Address Box 1038, Denver City, Texas
Lessor or Tract Langlie Federal Field Justis (Tubb-Brk) State New Mexico
Well No. 1 Sec. 14 T. 29-S R. 57-E Meridian NMPN County La
Location 1690 ft. N. of 30 Line and 530 ft. E. of 2 Line of Aug. 14 Elevation 5000
The information given herein is for information only and does not constitute a contract.

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.

Date March 4, 1961 Signed [Signature] Title D. I. Carr
The summary on this page is for the condition of the well at above date District Superintendent

Commenced drilling August 2, 1922 Finished drilling August 25, 1922
OIL OR GAS SANDS OR FOSSIL FUELS

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(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

IMPORTANT WATER SANDS

No. 1, from _____ to _____	No. 3, from _____ to _____
No. 2, from _____ to _____	No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATES

The production for the first 24 hours was	Put to producing
emulsion; % water; and % sediment.	barrels of fluid of which % was oil;
If gas well, cu. ft. per 24 hours	Gravity, °Bé.
Rock pressure, lbs. per sq. in.	Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES

_____, Driller

_____, Driller

_____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	80	80	Surface Sand
80	650	570	Red Bed
650	918	268	Anhy.
918	2103	1185	Anhy. and Salt
2103	2179	76	Anhy.
2179	2800	621	Anhy. & Gyp
2800	3418	618	Anhy. & Lime
3418	6020	2602	Lime

[OVER]

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are no markings or text on the page.

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 _____

Location ft. S. of _____ Line and ft. E. of W. _____ of _____ Line of _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____

Lessor or Tract _____

Company _____

Address _____

State _____ County _____ Field _____

Elevation _____

(I printed foot notes)

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

Title _____

Date _____

OIL OR GAS SANDS OR ZONES

(1) σ is a permutation of $\{1, 2, \dots, n\}$

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 _____

CASTING RECORD

Casting No.	Weight per foot	Threads per inch	Marks	Amount	Kind of shoe	Cut and called from	Purposes

To—	From—	It is of the greatest importance to have a complete history of the work and the results. In case there are any changes made in the casing, state them, and in any case, with the one or the other, give date, size, position, and location. If the well has been dynamited, give date, size, position, and results of pumping or bailing. (See back of the well, also the log and location.) If the well has been dynamited, give date, size, position, and results of pumping or bailing.	Remarks
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HISTORY OF OIL OR GAS WELL

HISTORY OF OIL OR GAS WELL

NUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Adapters—Material	Weight	Depth set
Heaving plug—Material	Weight	Depth set

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATE

Rock pressure lbs. per sq. in.	10
It gas well, cu. ft. per 24 hours	15
emulsion; % water; and % sediment	15
The production for the first 24 hours was	15
Put to producing	15
part of field of which	15
% was oil;	15
Gallons gasoline per 1,000 cu. ft. of gas	15
Gravels, % Bt.	15

EMPLOYEES

Driller	Driller		
Driller	Driller		

FORMATION RECORD

FROM-	TO-	TO FIRST	FORMATION
2015	2014	2014	2014
2014	2013	2013	2013
2013	2012	2012	2012
2012	2011	2011	2011
2011	2010	2010	2010
2010	2009	2009	2009
2009	2008	2008	2008
2008	2007	2007	2007
2007	2006	2006	2006
2006	2005	2005	2005
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1935	1934	1934	1934
1934	1933	1933	1933
1933	1932	1932	1932
1932	1931	1931	1931
1931	1930	1930	1930
1930	1929	1929	1929

FORMATION RECORD—Continued

A-12064-31