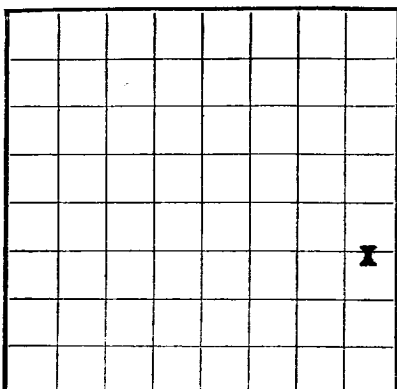




LOCATE WELL CORRECTLY

U.S. LAND OFFICE Las Cruces
HOBBBS OFFICE
SERIAL NUMBER LG 060945

LEASE OR PERMIT TO PROSPECT

1961 JUN 12 AM 7:12
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 Carlson Federal "A" Field Justia (T/D) State New Mexico
Well No. 1 Sec. 23 T25-S R37-E Meridian NMPM County Lea
Location 1980 ft. N of S Line and 330 ft. E of E Line of Section 23 Elevation 3090 DF
(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 N.A. CarrDate June 9, 1961 Title District Superintendent

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

Commenced drilling April 19, 1961 Finished drilling May 12, 1961OIL 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—	
9-5/8	32.3	8	Butress	890.5	Butress	0 to 890.5			Butress
7-7/8	23.2	8	Butress	6050.0	Butress	890.5 to 6050.0			Butress
2	4.6	Butress		5740		6050.0 to 5740			Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	904.82	290	Pump		
7-7/8	6047.70	1000	Pump		

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 6050 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing June 7, 1961

The production for the first 24 hours was 162-19 barrels of fluid of which 95% 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

J.W. Cook, Driller A.W. Williford, Driller
Cliff B. Haynes, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	660	660	Redbed
660	3064	2404	Anhy.
3064	3235	171	Anhy. & Lime
3235	6050	2815	Lime
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—Continued

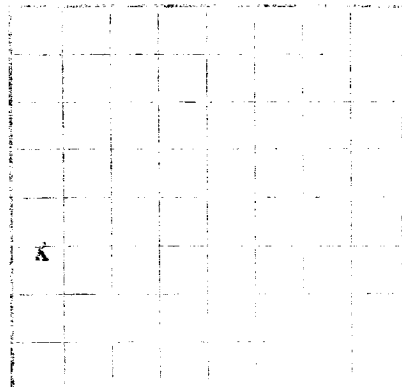
LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

June 12 1901



LOCATION OF WELL CORRELATION

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

Signed: *[Signature]* E. A. Carr

Date: June 9, 1901

Title: *[illegible]*

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

Commenced drilling April 12, 1901. Finished drilling May 12, 1901.

OIL OR GAS SANDS OR ZONES

(Denote 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

Casing	Size	Weight	Length	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, logging, etc., and the results of the work and the results of the tests. If there were any changes made in the casing, state fully, and if any casing was added, state the size and location. If the well has been dynamited, give date, size, position, and number of charges. If logs or bridges were put in, state the location, size, position, and results of pumping or testing.

MUDDING AND CEMENTING RECORD

Casing	Size	Weight	Number sacks of cement	Method used	Mud grade	Amount of mud used

PLUGS AND ADAPTERS

Leaving plug—Material _____ Length _____ Depth set _____

Adapter—Material _____ Size _____

SHOOTING RECORD

Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Tools used from _____ feet to _____ feet and from _____ feet to _____ feet.

Tools used were used from _____ feet to _____ feet.

DATES

But no production June 7, 1901.

The production for the first 24 hours was 12.5 barrels of fluid of which 2.5 was oil. Gravity, 10.0.

It gas well, out to per 24 hours 1.000 cu. ft. of gas.

Rock pressure 100 lbs. per sq. in.

EMPLOYEES

Driller, _____

Helper, _____

FORMATION RECORD

FORMATION	TOTAL FEET