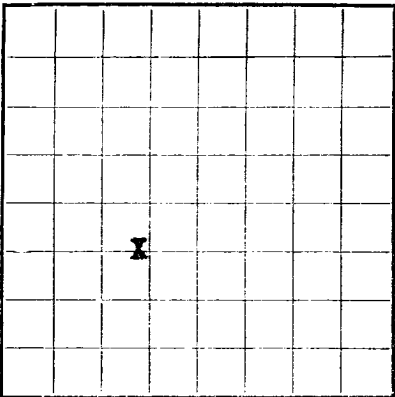




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER **NW-265**
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 **Carlson (Federal)** Field **Undesignated (Fusselman)** State **New Mexico**
Well No. **1 (LT)** Sec. **25** T. **25-S** R. **37-E** Meridian **NMPM** County **Lea**
Location **2310** ft. **N.** of **Sq.** Line and **2309** ft. **E.** of **West** Line of **Sec. 25** Elevation **3074**
(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. Carr** N. A. Carr
Date **January 16, 1959** Title **District Superintendent**

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

Commenced drilling **December 4,** 19**48** Finished drilling **January 9,** 19**59**

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—	
13-3/8	48	8	Republic	115.65	Larkin				Surface
9-5/8	32.3	8	Natl.	3289.26	HOTCH				Intermediate
7	20.2	8	Natl.	5912.02	Ball				Oil String
2	4.7	Type 08	Natl.	6875.88			6923	6955	
		Hydril							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	633.90	585	Pump		
9-5/8	3348.00	1600	Pump		
7	6960.	300	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 **6960** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **January 15,** 19**59**

The production for the first 24 hours was **443.04** barrels of fluid of which **99.8**% was oil; **.2**% 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

G.G. Martin _____, Driller **D.K. Randolph** _____, Driller
E.F. Ridens _____, Driller _____, Driller

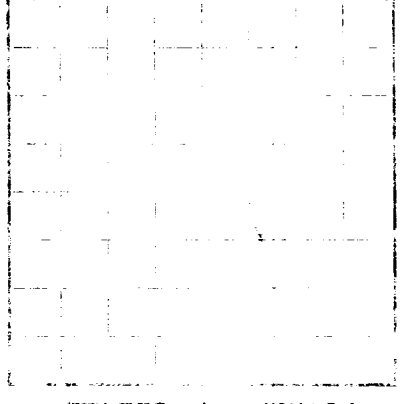
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	80	80	Surface
80	220	140	Sand & Red Rock
220	329	109	Anhy & Red Rock
329	476	147	Red Rock
476	560	84	Sand Shale
560	626	66	Red Bed & Anhy.
626	1078	452	Anhy & Sand
1078	2118	1032	Anhy & Salt
2118	2783	673	Anhy
2783	2847	64	Anhy & Gyp
2847	3222	375	Anhy & Lime
3222	3348	126	Lime & Sand
3348	3429	81	Lime
3429	3531	102	Sand & Lime
3531	3772	241	Lime
3772	3952	180	Sand & Lime
3952	4128	176	Lime
4128	4216	88	Sand & Lime
4216	4337	121	Lime
4337	4436	99	Sand & Lime
4436	4553	117	Lime
4553	4637	84	Sand & Lime Streaks
4637	4753	116	Lime
4753	4921	168	Sand & Lime
4921	5009	88	Lime

See Reverse Side (OVER)

LOC IN OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Complete the following information for the well in which this log is made. If the well is not yet completed, give the location of the well, the date of completion, and the name of the owner. If the well is not yet completed, give the location of the well, the date of completion, and the name of the owner. If the well is not yet completed, give the location of the well, the date of completion, and the name of the owner.

OIL OR GAS WELLS - IN FEET

1. Name of well
2. Location of well
3. Date of completion
4. Name of owner

IMPORTANT WATER BORDERS

CASES RECORDED

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bulging.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
5009	5123	114	Lime & Sand
5123	5200	77	Lime
5200	5230	30	Lime & Sand Streaks
5230	5274	44	Lime
5274	5295	21	Lime
5295	5355	60	Lime & Sand Streaks
5355	5394	39	Lime
5394	5474	80	Sand & Lime
5474	5555	81	Lime
5555	5594	39	Lime & Sand Streaks
5594	5674	80	Lime
5674	5758	84	Sand & Lime
5758	5858	100	Lime
5858	5912	54	Lime & Sand Streaks
5912	5930	18	Lime
5930	5947	17	Lime & Chert
5947	5958	11	Lime
5958	5958	0	Lime & Chert