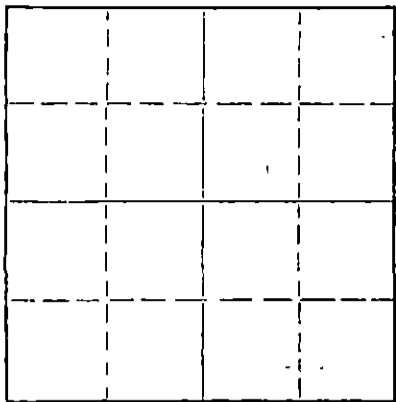


WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

Stafford County, Sec. 16 Twp. 21S Rge. 14W (E) (W)

Location as "NE/CNW/SW" or footage from lines NE NE NE
Lease Owner ALPINE OIL & ROYALTY CO., INC. ET AL
Lease Name RATZLAFF Well No. 1-A
Office Address 800 Bitting Building, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) oil well
Date well completed September 28, 1958 19
Application for plugging filed November 10, 1961 19
Application for plugging approved November 14, 1961 19
Plugging commenced December 5, 1961 19
Plugging completed December 20, 1961 19
Reason for abandonment of well or producing formation non-productive in commercial quantities
If a producing well is abandoned, date of last production November 18 19 61
Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well W. L. Lac Kamp, Jr.
Producing formation Viola Depth to top 3653 Bottom 3709 Total Depth of Well 3764 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	294	cemented
				5 1/2"	3761	2830'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Filled with sand from 3738' to 3640 feet - ran
4 sacks of cement from 3640 feet to 3620 feet
Plugging with 20 sacks of mud and 100 sacks
of cement pumped in.

STATE CORPORATION COMMISSION
JAN 2 1962
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Glenn and Smith Pipe Pulling Company
Address Box 114 - Ellinwood, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
Thomas M. McCaul (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Thomas M. McCaul
800 Bitting Building, Wichita, Ks.
(Address)

SUBSCRIBED AND SWORN TO before me this 28th day of December 19 61

My commission expires August 10, 1965
Dwight M. Merrill Notary Public.



WELL LOG

ALPINE OIL & ROYALTY CO., INC.

Commenced: September 8, 1958

Quaker Drilling Co., Inc. - Contractor

Completed: September 18, 1958

Alpine's Ratzlaff No. 1
NE NE NE Sec. 16-21S-14W
Stafford County, Kansas

Elevation: 1933 K.B.

Casing Record:

Set 8 5/8 inch casing at 294 feet with 325 sacks cement
Set 5 1/2 inch casing at 3761 feet with 175 sacks cement

(Figures Indicate the Bottom of the Formations)

<u>FORMATION</u>	<u>DEPTH</u>	<u>FORMATION TOPS</u>	
Surface Soil and Sand	230	Heebner	3275 -1342
Hard Sand	240	Brown Lime	3393 -1460
Shale	294	Lansing	3403 -1470
Shale and Shells	425	Base of Kansas City	3633 -1700
Sand	525	Viola	3653 -1720
Red Bed	840	Simpson Shale	3709 -1776
Anhydrite	875	Simpson Sand	3726 -1793
Red Bed, Shale & Salt	1360	Arbuckle	3758 -1825
Shale and Shells	1540	Rotary Total Depth	3764 -1831
Sandy Lime and Shale	1685		
Shale and Lime	1960		
Sandy Lime	2095		
Lime and Shale	2955		
Lime	3270		
Lime and Shale	3315		
Sandy Shale	3340		
Lime	3595		
Lime and Shale	3713		
Sand	3736		
Shale	3758		
Dolomite	3764		

RECORDED
STATE COMMISSION
JAN 2 1962
CONSERVATION DIVISION
Michigan, Kansas

We hereby certify the foregoing to be a true and correct copy of the Driller's Log of the well drilled in the NE NE NE of Section 16, Township 21 South, Range 14 West, Stafford County, Kansas.

QUAKER DRILLING CO., INC.

By: Thomas M. McCaul
Thomas M. McCaul, President

SUBSCRIBED AND SWORN TO before me a Notary Public this 1st day of October, 1958.

Virginia Mundell
Virginia Mundell, Notary PublicMY COMMISSION EXPIRES:
August 10, 1961