

STATE OF KANSAS  
TATE CORPORATION COMMISSION  
30 S. Market, Room 2078  
Wichita, KS 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

15-095-19091-00-00  
API NUMBER August, 1960

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

LEASE NAME Rago Terminal  
WELL NUMBER 6  
514 Ft. from N Section Line  
410 Ft. from W Section Line  
SEC. 15 TWP. 30S RGE. 7 (E) or (W)  
COUNTY Kingman

LEASE OPERATOR Phillips Pipe Line Company  
370 Adams Building  
Bartlesville, OK 74004

Date Well drilled August, 1960  
Plugging Commenced July 31, 1996  
Plugging Completed August 14, 1996

PHONE#( 918-661-7473 OPERATORS LICENSE NO. \_\_\_\_\_

Character of Well LPG Storage

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on N/A - plugging approved by Kansas Dept. of Health & Env. (date)

by \_\_\_\_\_ (KCC District Agent's Name).

Is ACO-1 filed? N/A If not, is well log attached? \_\_\_\_\_

Producing Formation N/A Depth to Top \_\_\_\_\_ Bottom \_\_\_\_\_ T.O. \_\_\_\_\_

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
		0'	866'	13 3/8"	866'	none

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 plug were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet each set.

Emptied cavern of hydrocarbon and filled with brine. Pulled hanging string from well. Set cast iron bridge plug via wire line at 846'. Set balanced thixotropic cement plug from 846' to 786' via tubing ("ASC" Class C w/6% Calseal, 7% gel, 14.5 ppg, yield 1.33 cu.ft./sk). Conducted brine full mechanical integrity pressure test above plug. Ran in 2 3/8" tubing and tagged top of first cement plug, then pumped the casing full of cement to the surface (Class C, 14.8 ppg, yield 1.32 cu.ft./sk). See attached sketch.

Name of Plugging Contractor Pratt Well Service License No. 5893  
Address Pratt, KS

Name of Party Responsible for Plugging Fees: N/A - this well regulated by KDHE

Date of \_\_\_\_\_ County of \_\_\_\_\_, ss.

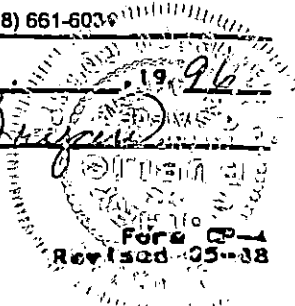
W. R. Thiel, Principal Cavern Engineer, Phillips Petroleum Company (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts and statements herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) W. R. Thiel

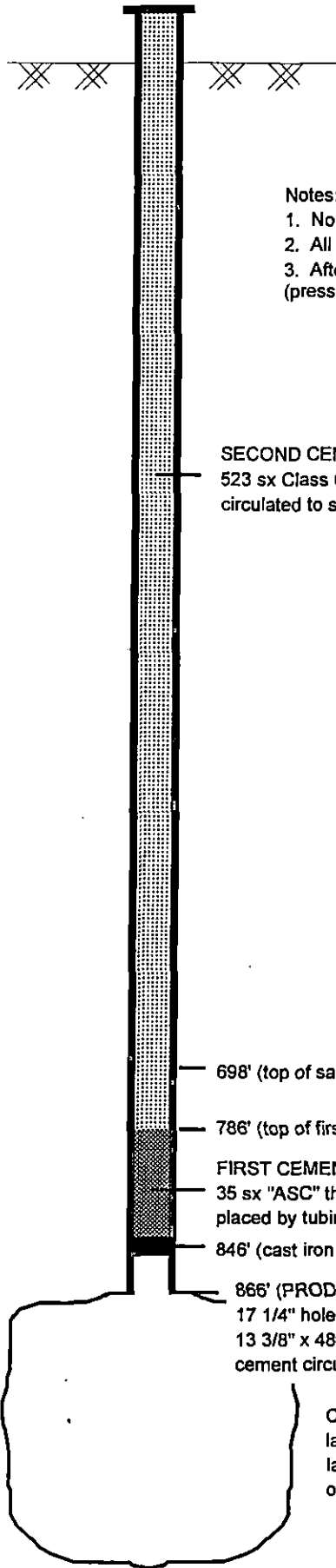
(Address) 10 D1 Phillips Building  
Bartlesville, OK 74004 (918) 661-6039

SUBSCRIBED AND SWORN TO before me this 16th day of Sept., 1996

My Commission Expires: March 28, 2000  
Notary Public P. J. Bruggen



PHILLIPS PIPE LINE COMPANY  
Rago Cavern Well No. 6  
NW4 NW4 NW4 S15 T30S R7W  
Plugged 8-14-96



Notes:

1. No scale.
2. All depths reference casing head flange.
3. After placing first cement plug, pressure tested casing, brine full, for 1 hour 0 minutes on 8-7-96 (pressure increased from 339 to 340 psig). Witnessed and approved by KDHE (Mike Cochran).

SECOND CEMENT PLUG (8-14-96)  
523 sx Class C (14.8 ppg, yield 1.32 cu.ft./sk)  
circulated to surface via tubing

698' (top of salt)

786' (top of first cement plug)

FIRST CEMENT PLUG (7-31-96)  
35 sx "ASC" thixotropic Class C w/6% Calseal, 7% salt, 1% gel)(14.5 ppg, yield 1.33 cu.ft./sk)  
placed by tubing

846' (cast iron bridge plug) (7-31-96)

866' (PRODUCTION CASING)  
17 1/4" hole  
13 3/8" x 48# H-40 casing  
cement circulated to surface: 910 sx common mixed with saturated salt water

CAVERN  
last logged roof: 866'  
last logged TD: 899'  
original TD: 1030'