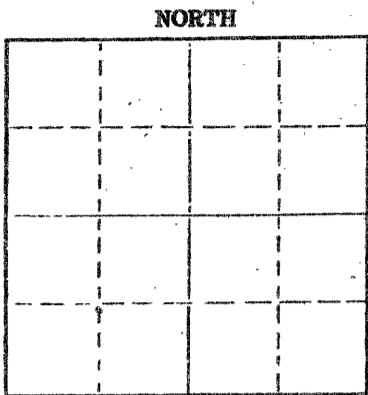


STATE OF KANSAS  
 STATE CORPORATION COMMISSION  
 CONSERVATION DIVISION  
 P. O. BOX 17027  
 WICHITA, KANSAS 67317

15-163-20249-00-00

FORM CP-4

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Rocks \_\_\_\_\_ County. Sec. 11 Twp. 10 Rge. 17W (E) \_\_\_\_\_ (W) \_\_\_\_\_  
 Location as "NE/CNW/SW" or footage from lines NW/C  
 Lease Owner Leben Drilling Co., Inc.  
 Lease Name Rolfe A#1 Well No. \_\_\_\_\_  
 Office Address Hays, Kansas 67601  
 Character of Well (completed as Oil, Gas or Dry Hole) \_\_\_\_\_  
 Date well completed \_\_\_\_\_ 19\_\_\_\_  
 Application for plugging filed \_\_\_\_\_ 19\_\_\_\_  
 Application for plugging approved \_\_\_\_\_ 19\_\_\_\_  
 Plugging commenced 1/20/75 \_\_\_\_\_ 19\_\_\_\_  
 Plugging completed 2/12/75 \_\_\_\_\_ 19\_\_\_\_  
 Reason for abandonment of well or producing formation depleted.

If a producing well is abandoned, date of last production \_\_\_\_\_ 19\_\_\_\_  
 Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Massey  
 Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3510 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	209	none
				5 1/2"	3508	2385

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.

Ran sand to 3485' and ran 4 sacks cement. Shot pipe at 2407', pulled 75 joints of 5 1/2" casing. Plugged well with 3 sacks hulls, 28 sacks gel and 120 pos cement, 6% gel.

PLUGGING COMPLETE.

(If additional description is necessary, use BACK of this sheet)  
 Name of Plugging Contractor KELSO CASING PULLING  
 Address CHASE, KANSAS

STATE OF KANSAS COUNTY OF RICE ss.  
R. DARRELL KELSO (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) R. Darrell Kelso  
CHASE, KANSAS  
 (Address)

SUBSCRIBED AND SWORN TO before me this 16th day of Feb., 1975

My commission expires \_\_\_\_\_  
 NOTARY PUBLIC  
**MARGARET MELCHER**  
 Rice County, Ks.  
 My Comm. Exp. Feb. 15, 1979

Margaret Melcher  
 Notary Public.

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 MAR 3 1975  
 03-03-1975  
 CONSERVATION DIVISION  
 Wichita, Kansas

ROBERT C. ARMSTRONG

RESIDENCE

564 N. ARMOUR DRIVE  
MU 3-0787

PETROLEUM GEOLOGIST  
WICHITA, KANSAS

OFFICE

655 FOURTH NAT'L. BLDG.  
AM 5-5608

15-163-20249-00-00

TILCO #1 Rolfe "A"  
NW 1/4 Sec. 11-10S-17W  
Rooks County, Kansas

GENERAL

Contractor: Leben Drilling Co.  
Spudded: September 12, 1969  
Completed: September 18, 1969  
Rotary: Surface to 3510', T.D.

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NOV 25 1974  
11-25-1974  
CONSERVATION DIVISION  
Wichita, Kansas

CASING

8 5/8" cemented at 209' with 150 sacks  
5 1/2" cemented at 3508' with 150 sacks

GEOLOGICAL DATA

Samples saved, drilling time recorded from 2800' to the total depth.  
Elevation: 2028 derrick floor, 2031 rotary bushing; rotary bushing  
elevation and measurements used.

Formation tops

Anhydrite	1271	+ 760
Base Anhydrite	1306	+ 725
Topeka	2927	- 896
Heebner	3150	-1119
Toronto	3168	-1137
Lansing	3194	-1163
Base KC	3416	-1385
Marmaton Sand	3436	-1405
Arbuckle	3493	-1462
Total Depth	3510	-1479

CORES

None