

STATE OF KANSAS
 STATE CORPORATION COMMISSION
 200 COLORADO DERBY BUILDING
 WICHITA, KANSAS 67202

WELL PLUGGING RECORD

API NUMBER 15 - 145 - 21,049

LEASE NAME Hagerman "A"

TYPE OR PRINT
 PLEASE FILL OUT COMPLETELY
 AND MAKE REQUIRED AFFIDAVIT.

WELL NUMBER 3

SPOT LOCATION 825'FNL - 1650'FEL

LEASE OPERATOR Cities Service Oil and Gas Corp.

SEC. 13TWP. 20RGE. 20(~~X~~)~~X~~(~~X~~)W

ADDRESS 800 Sutton Place, Wichita, Kansas 67202

COUNTY Pawnee

PHONE #(316) 265-5624 OPERATORS LICENSE NO. 5447

DATE WELL COMPLETED 7-27-83

PLUGGING COMMENCED 7-27-83

CHARACTER OF WELL
 (OIL, GAS, L&A, SWD, INPUT, WATER SUPPLY WELL)

PLUGGING COMPLETED 7-27-83

DID YOU NOTIFY THE KCC/KDHE JOINT DISTRICT OFFICE PRIOR TO PLUGGING THIS WELL? Yes

WHICH KCC/KDHE JOINT OFFICE DID YOU NOTIFY? District Office #1

IS ACO-1 FILED? Yes IF NOT, IS WELL LOG ATTACHED? Driller's Log Attached

PRODUCING FORMATION _____ DEPTH TO TOP _____ BOTTOM _____ T.D. 4322 ft.

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"	540'	- 0 -

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 EACH SET.

Plugged well with 125 sacks 60/40 pozmix plus 2% gel and 3% CaCl-2 as follows: spotted 50 sacks at 1380', 40 sacks at 570', mud to 40'. Set wood plug at 40 ft. and cemented to surface with 10 sacks, 15 sacks in rat hole and 10 sacks in mouse hole. Plug and abandonment completed 7/27/83.

(IF ADDITIONAL DESCRIPTION IS NECESSARY, USE BACK OF THIS FORM.)

NAME OF PLUGGING CONTRACTOR Emphasis Oil Operations LICENSE No. _____
 ADDRESS Box 506, 4 So. Kansas, Russell, Kansas 67665-0506

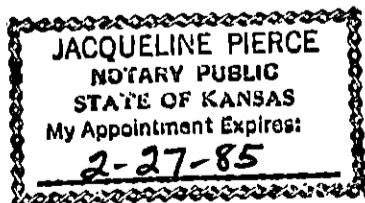
STATE OF Kansas COUNTY OF Sedgwick, ss.

Charles N. Richmond (EMPLOYEE OF OPERATOR) OR
 OPERATOR OF 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 THAT THE SAME ARE TRUE AND
 CORRECT, SO HELP ME GOD.

(SIGNATURE) Charles N. Richmond

(ADDRESS) 800 Sutton Place, Wichita, Ks. 67202

SUBSCRIBED AND SWORN TO BEFORE ME THIS 3 DAY OF August, 1983



Jacqueline Pierce
 NOTARY PUBLIC

MY COMMISSION EXPIRES: 2-27-85

RECEIVED Jacqueline Pierce
 STATE CORPORATION COMMISSION

AUG 10 1983

FORM CP-4
 REVISED 06-83

CONC. DIVISION
 WICHITA, KANSAS

8-10-1983

EMPHASIS OIL OPERATIONS

P. O. Box 506

Russell, Kansas 67665-0506

DRILLERS LOG

OPERATOR: Cities Service Oil & Gas Corporation
209 E. Williams
800 Sutton Place
Wichita, Kansas 67202

CONTRACTOR: Emphasis Oil Operations
P. O. Box 506
Russell, Kansas 67665-0506

LEASE: Hagerman 'A' WELL: #3

LOCATION: 825' FNL & 1650' FEL of NE/4
Section 13-20S-20W
Pawnee County, Kansas

Total Depth: 4322'

Elevation:

Commenced: 7-18-83

Date Completed: 7-27-83

Casing: 8-5/8" @ 540' with 400 sks cement

Status: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil & Sand	30'	Shale & Lime	4020'
Shale	1342'	Lime & Shale	4131'
Anhydrite	1367'	Lime (R.T.D.)	4322'
Shale	3627'		

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AUG 02 1983

REGISTRATION DIVISION
Wichita, Kansas

STATE OF KANSAS)
) ss:
COUNTY OF RUSSELL)

Joe K. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

Joe K. Branum

Joe K. Branum

Subscribed and sworn to before me this 1st day of August, 1983.

My Commission Expires: February 6, 1984.



Glenda R. Tiffin

Notary Public

15.145.21049.0000

Driller's Log

Hagerman "A" #3

Heebner	3655'	(-1441')
Toronto	3672'	(-1458')
Lansing	3701'	(-1485')
Kansas City	4082'	(-1868')
Top Cherokee "A" Sand	4170'	(-1956')
RTD	4322'	

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STATE CORPORATION COMMISSION

AUG 10 1983

CONSUMER PROTECTION DIVISION
WYOMING, KANSAS