

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

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

API NUMBER 15-163-23,066-00-00

LEASE NAME Vine

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

WELL NUMBER 1

1980 Ft. from S Section Line

1040 Ft. from E Section Line

SEC. 33 TWP. 10S RGE. 18 (E/W)

COUNTY Rooks

LEASE OPERATOR Liberty Operations & Completions, Inc.

ADDRESS 308 West Mill, Plainville, KS 67663

PHONE# (913) 434-4686 OPERATORS LICENSE NO. 8925

Character of Well D&A

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

Date Well Completed 12/9/89

Plugging Commenced 12/9/89

Plugging Completed 12/9/89

The plugging proposal was approved on 12/9/89 (date)

by Dennis Hamel (KCC District Agent's Name).

Is ACO-1 filed? No If not, is well log attached? Yes

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 3647'

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"	217'	-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.

Mud laden fluid 3647'-3568' 40 sks cement @ 250'
25 sks cement @ 3568' 10 sks cement @ 40'
25 sks cement @ 1375' 15 sks in rathole
100 sks cement @ 780'

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Emphasis Oil Operations License No. 750

Address P. O. Box 506, Russell, KS 67665-0506

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Liberty Operations & Completions, Inc.

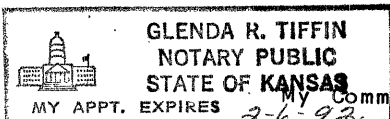
STATE OF KANSAS COUNTY OF RUSSELL, ss.

Kelly P. Branum (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) Kelly P. Branum

(Address) P. O. Box 506, Russell, KS 67665-0506

SUBSCRIBED AND SWORN TO before me this 13th day of December, 19 89



Glenda R. Tiffin
Glenda R. Tiffin, Notary Public

15-163-23066-00-00

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Liberty Operations & Completions, Inc.
308 West Mill
Plainville, Kansas 67663

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Vine

WELL #1

LOCATION: Approx. W/2 NE SE
Section 33-10S-18W
Rooks County, Kansas

LOGGERS TOTAL DEPTH: 3649'

ROTARY TOTAL DEPTH: 3647'

COMMENCED: 12/1/89

CASING: 8-5/8" @ 217' w/135 sks cement

ELEVATION: 2010' K.B.

COMPLETED: 12/9/89

STATUS: Dry Hole

DEPTHS & FORMATIONS

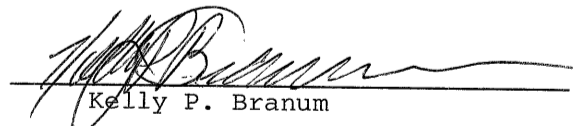
(All measurements from K.B.)

Top Soil, Post Rock & Clay	60'	Heebner	3203'
Shale & Sand	284'	Toronto	3223'
Dakota	501'	Lansing-Kansas City	3243'
Cedar Hills	839'	Arbuckle	3568'
Anhydrite	1356'	R.T.D.	3647'
Topeka	2985'		

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

12-14-1989
COUNTY OF RUSSELL
STATE OF KANSAS

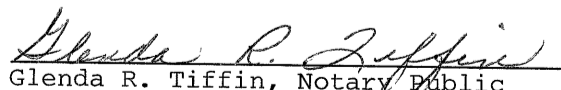
Kelly P. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.


Kelly P. Branum

Subscribed and sworn to before me on December 13, 1989.

My commission expires: February 6, 1992.

GLEND A. TIFFIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 2-6-92


Glenda R. Tiffin, Notary Public