

15-183-20011-00-00

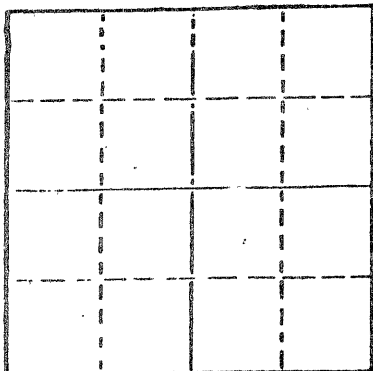
STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to  
Conservation Division  
State Corporation Comm.  
245 North Water  
Wichita, KS 67202

Smith County, Sec. 20 Twp. 2S Rge. 15 E/W  
Location as "NE/CNW 1/4 SW 1/4" or footage from lines

C NE NE  
Lease Owner Terra Resources, Inc.  
Lease Name Wangerin Well No. 1  
Office Address Drawer C, Great Bend, KS 65730  
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole



Locate well correctly on above  
Section Plat

Date Well completed 11-6 19 79  
Application for plugging filed 11-6 19 79  
Application for plugging approved 11-6 19 79  
Plugging commenced 11-6 19 79  
Plugging completed 11-6 19 79  
Reason for abandonment of well or producing formation Dry Hole

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 Duane Rankin  
Producing formation Depth to top Bottom Total Depth of Well 4200  
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"	582	-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 hold. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Mud laden fluid 4200-640'  
60 sks cement @ 640'  
10 sks cement @ 40'  
5 sks cement in rat hole

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

Name of Plugging Contractor Emphasis Oil Operations

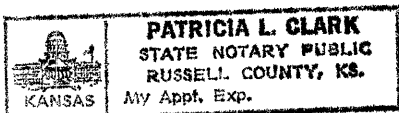
STATE OF KANSAS COUNTY OF RUSSELL, ss. 11-13-79  
Joe K. Branum (employee of owner) or (owner or operator)  
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Joe K. Branum  
Box 506, Russell, KS 67665  
(Address)

SUBSCRIBED AND SWORN TO before me this 8th day of November, 1979

Patricia L. Clark  
Notary Public.

My commission expires October 2, 1983



EMPHASIS OIL OPERATIONS

P. O. Box 506  
Russell, Kansas 67665

15-183-20011-00-00

DRILLERS LOG

OPERATOR: Terra Resources, Inc.  
Drawer C  
Great Bend, KS 67530

CONTRACTOR: Emphasis Oil Operations  
Box 506  
Russell, KS 67665

LEASE: Wangerin WELL: #1

LOCATION: C NE NE  
Section 20-2S-15W  
Smith County, Kansas

Total Depth: 4200'

Elevation:

Commenced: 10-8-79

Completed: 11-6-79

Casing: 8-5/8" @ 582'

Status: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

Soil & Clay	40	Shale & Lime	3480
Shale & Shells	140	Lime & Shale	3840
Shale	588	Shale & Lime	3910
Shale & Sand	1300	Lime & Shale	4120
Shale	2520	Lime (R.T.D.)	4200

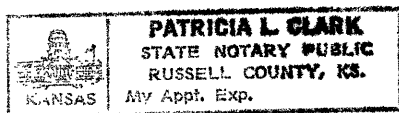
STATE OF KANSAS )  
COUNTY OF RUSSELL) SS

I, Joe K. Branum, of Emphasis Oil Operations state that the above and foregoing is a true and correct log of the above captioned well.

  
Joe K. Branum

Subscribed and sworn to before me this 8th day of November, 1979.

My Commission Expires: October 2, 1983.



  
Patricia L. Clark

Notary Public