	STÁTE OF KANSAS STATE CORPORATION 200 Colorado Derby		WELL P . K.A.R.	LUGGING RECORD -82-3-117	AP	I NUMBER	15-165-20	,865 <b>-00-2</b> 0		
	Wichita, Kansas 6				LE.	LEASE NAME Roth "E"				
Dril	led as:		TYPE OR			LL NUMBER_	No. 1			
M.D.Martin Oil Operations #1 Roth "B"			NOTICE: Fill out completely and return to Cons. Div. office within 30 days.			SPOT LOCATION NW NW NE				
	5-2-81			nin 30 dayse	\$E	SEC. 28 TWP 16S RGE. 17 (X) 0 (W)				
	LEASE OPERATOR F	СО	COUNTY Rush							
•	ADDRESS 125 N. Mar	<u>Vichita, KS 6</u>	chita, KS 67202			mpleted_{	5-2-81			
	PHONE #(316) 263-1	201 OPER	ATORS LICENSE NO. 5140			Plugging Commenced 7-23-87				
	Character of Well (Oil, Gas, D&A, SW	PI	Plugging Completed 7-23-87							
	Did you notify the KCC/KDHE Joint District Office prior to plugging this well? <u>yes</u>									
	Which KCC/KDHE Joint Office did you notify? Dist. #1 (Witness: Duane Rankin)									
	is ACO-1 filed? yesif not, is well log attached?									
	RTD 3655 Producing formation Topeka Depth to top 3025 bottom 3254 T.D. 3046 PBTD									
	Show depth and thickness of all water, oil and gas formations.									
	OIL, GAS OR WATER RECORDS [Cement]   CASING RECORD									
	Formation	Conten	t From	To Size	Put in	Pulled	out			
<b>Ļ</b> -	SHALE	150 sx Com. 2% Gel,	205	0 8 5/8"	200	-0-				
<u>ت</u> :	ARBUCKLE TOPEKA	<u>not available</u> GAS – Prod.Formati	3654 on 3025	4 1/2" 3254 -	3654	-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.  Mixed 150 sx ATL cement & pumped down $4\frac{1}{2}$ " casing: Pump ¶ 600#.  Mixed 35 sx ATL cement & pumped down annulus 8 5/8" & $4\frac{1}{2}$ ". Pump ¶ 200#. SI ¶ 100#.									
	(If additional description is necessary, use <u>BACK</u> of this form.)  Name of Plugging Contractor Allied Cementing License No. none  Address 24 S. Lincoln, Russell, KS 67665									
	STATE OF Words		COUNTY OF	Sedgwick						
	STATE OF Kansa	IS	_ COUNTY OF			,ss.				
	I have knowledge o	of the facts, st ove-descri <del>ped we</del> de God.	Wax XIX X Y X X Y X X X X X X X X X X X X X							
			7-29-198	7 (Addre	ess) ( <u>1/2</u> 5] Wich	N. Market, S aita, KS 672	Su <b>()</b> e 1720 02	)		
		SUBSCR	NEED AND SW	IORN TO before				, 19 <u>87</u>		
	My Commission expi	DESCRIPTION OF STREET	ORIA FAWCETT tate of Kansas t. Exp. 5/,4/37	Slo	eria Fair	ofary Publ	Tc			

## RANGER DRILLING COMPANY, INC.

P.O. Box 717 Hays, Kansas 67601 913/625-4210

## DRILLERS LOG

OPERATOR: M. D. Martin Oil Operations

323 N. Main

Hoisington, Kansas 67544

CONTRACTOR: Ranger Drilling Company, Inc.

P. O. Box 717

Hays, Kansas 67601

LEASE: Roth

WELL: #1

LOCATION: NW/4 NW/4 NE/4

Section 28-16S-17W

Total Depth: 3655'

Elevation: 2013

Commenced: 4-14-81

Completed: 5-2-81

Casing: 8-5/8" @ 336'

Status: Pending

## DEPTHS & FORMATIONS

(all measurements from K. B.)

Surface soil and clay	344	Lime	2690
Shale and sand	1138	Shale and lime	3346
Anhydrite	1174	Lime	3580
Shale and shells	2272	Lime and shale	3655
Lime and shale	2608	T. D.	3655
Shale and shells	2678		

05-11-1981

STATE OF KANSAS ) COUNTY OF ELLIS )

I, William A. Spivey, of Ranger Drilling Company, Inc., state that the above and foregoing is a true and correct log of the above captioned well.

Subscribed and sworn to before me this 6th day of May, 1981.

My Commission Expires: 1-19-85

BRENDA J. CHIPPINDALE NOTARY PUBLIC STATE OF KANSAS My Appt. Expires 1-19-85

. Chippindale Notary Public