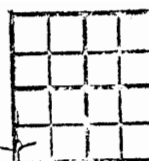




KANSAS GEOLOGICAL SOCIETY
508 East Murdock
Wichita, Kansas

Shields

WELL LOG

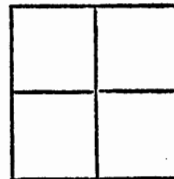


W/2 SW SW
Russell, Kansas

33-9-23W

Operator: Shields Oil Producers, Inc.
Well: Rice Estate #1
Commenced: July 14, 1971
Completed: July 22, 1971
Contractor: Shields Drilling Co., Inc.

Well Description: W/2 SW SW
Sec. 33-9s-23w
Graham Co., Kansas



15065-20466

CASING RECORD

Size	Run	Pulled
8 5/8"	252'	Cmtd w/175 sax

Elevation: 2,478' RB

Treatment:

Production: D & A

Tops: Heebner 3,767'
Toronto 3,791'
Lansing - KC 3,805'

..... Figures Indicate Bottom of Formations

Top soil & clay	81'
Clay, sand & shale	260'
Shale	670'
Shale & sand	2,073'
Anhydrite	2,111'
Shale & shells	2,500'
Shale & lime	3,804'
Lime	4,036' RTD

NOTES

DST #1 3,916' - 3,952' Tool open 15 min. with weak blow
dying in 6 min. Recovered 10' mud.
IFP - 38#, FBHP-249#, only pressures recorded

DST #2 3,948' - 3,970' Tool open 15 min. with weak blow
dying in 1 min. Recovered 10' mud.
IFP - 29#, FBHP-45#, only pressure recorded

SMP TOPS	DEPTH
SC	2073
TOP	3553
HEEB	3767
TOR	3791
LANS	3805
TD	4036