State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

S. 21 T. 11s R. 15w E/W

Loc. C N/2 N/2 SE/4

County Russell

API No. 15 — _____ — _____
County / Number

Operator
Murfin Drilling

Address
617 Union Center, Wichita, Ks 67202

Well No.	Lease Name
2	REICH

Footage Location
330 feet from (N) (X) line   1320 feet from (X) (W) line

Principal Contractor	Geologist
Murfin Drilling	Roger Welty

Spud Date	Total Depth	P.B.T.D.
4/7/77	3382'	none

Date Completed	Oil Purchaser
5/12/77	Clear Creek

640 Acres
N

160 160

160 160
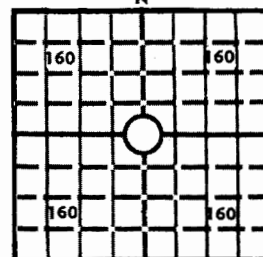
Locate well correctly
Elev.: Gr. 1898'

DF _____ KB _____

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	243'	Comm. Sunset	200	
Production	7 7/8"	4 1/2"	10.5#	3381'	Cl. A +10% / Cl. A Latex	100 / 50	Salt + .75% CFR2

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	DP w/reactive liners	3372½-76' and 3368½-72½'.

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	3373.41'	--

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2000 gallons of SS-20 acid	above perfs

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
5/16/77	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	55 bbls.	MCF	tr bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
	above intervals

Operator	Murfin Drilling			DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Producer	

Well No. 2	Lease Name REICH				

S 21 T 11S R 15W E/W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
surface soil & sand		30	ANHY	971 +926
clay		85	TOPEKA	2733 -836
shale		2220	HEEBNER	2986 -1088
shale & lime		2730	TORONTO	3004 -1107
lime		2779	LKC	3034 -1136
shale, lime		2810	BKC	3296 -1398
lime		3296	REW. ARBUCKLE	3366 -1470
lime, chert		3350	ARBUCKLE	3372 -1475
lime		3382	LTD	3374 -1479
RTD		3382		

DST #1: 2762-79/30-30-30-30, 60' M, 10' OSpM, 515-34-45-515#.
DST #2: 2999-3080/30-30-30-30, 420' GCMW, 379-200-256-424#.
DST #3: 3079-3148/30-30-30-30, 744' GWw/OSp, 390-133-357-390#.
DST #4: 3196-3296/30-30-30-30, 20' M, 446-78-89-446#.
DST #5: 3359-82/45-45-45-45, 345' MO, 1002-44-145-991, 103°.

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received		

Wm. S. Shropshire, Asst. Gen. Mgr.
Title

June 23, 1977
Date

88218