S. 9 T. 14S R. 13 E/W

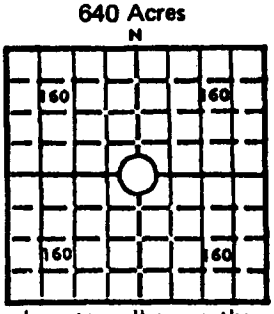
DRILLERS LOG

API No. 15 – 167 (County) – 21,960 (Number)

Loc. SE SE NW

County Russell

640 Acres



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

Operator	A. Scott Ritchie
Address	125 N. Market, Suite 950, Wichita, Kansas 67202
Well No.	1
Lease Name	Price
Footage Location	feet from (N) (S) line; feet from (E) (W) line
Principal Contractor	Glacier Drilling Company, Inc.
Geologist	Jeff Christian
Spud Date	8-14-82
Total Depth	2,490' GL
P.B.T.D.	2,550'
Date Completed	8-18-82
Oil Purchaser	

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	9-7/8"	7"	20	511'	Common	175	3% cc
PRODUCTION	6-1/4"	4½"	9.5	2477'	Common	60	10% salt

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.

Formation	Top	Btm.		Formation	Top	Btm.	Formation	Top	Btm.
Soil	0	3							
Clay	3	12							
Shale	12	370							
Lime	370	375							
Shale	375	562							
Clay	562	593							
Shale	593	624							
Clay	624	794							
Andy	794	836							
Shale	836	1452							
Lime/shale	1452	1490							
Lime w/shale	1490	1987							
Shale w/lime	1987	2372							
Sand	2372	2380							
Lime	2380	2387							
Sand	2387	2400							
Lime	2400	2405							
Lime w/shale	2405	2314							
Indian Cave	2314	2359							
Grand Haven	2359	2371							
1st Tarkio	2371	2393							
2nd Tarkio	2393	2432							
Tarkio LS	2432	2450							
Willard	2450	2490	TD						

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State Geological Survey
WICHITA BRANCH