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

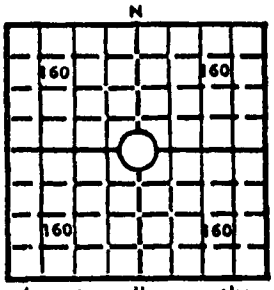
DRILLERS LOG

API No. 15 – 167 (County) – 21,978 (Number)

Loc. NW SW SE

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	Heinze
Footage Location	feet from (N) (S) line; feet from (E) (W) line
Principal Contractor	Glacier Drilling Company, Inc.
Geologist	Rocky Milford
Spud Date	8-21-82
Total Depth	2,490'
P.B.T.D.	
Date Completed	8-24-82
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	511.43'	Common	175	3% cc
PRODUCTION	6-1/4"	4½"	9.5	2479'	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	5								
Shale	5	32								
Post Rock	32	42								
Shale	43	340								
Pyright	340	350								
Shale	350	521								
Clay & shale	521	808								
Anhydrite	808	842								
Shale	842	1661								
Shale w/lime	1661	1640								
Lime w/shale	1640	1706								
Shale	1706	1800								
Lime	1800	1865								
Shale	1865	1892								
Lime w/shale	1892	2369								
Lime	2369	2380								
Sand	2380	2392								
Lime	2392	2400								
Sand	2400	2413								
Shale	2413	2454								
Sand	2454	2428								
Shale	2428	2490	TD							

RECEIVED
STATE CORPORATION COMMISSION
JAN 06 1983
CONSERVATION DIVISION
Wichita, Kansas

MISCH—COFFEYVILLE