

IMPORTANT

Kans. Geo. Survey request samples on this well.

KANSAS DRILLERS LOG

API No. 15 — 025 — 20,224
 County Number

Operator

Calvin Exploration, Inc.

Address: 5680 S. Syracuse Circle Englewood, Colo 80111

Well No. #1-14 Lease Name Loesch, John W.

Footage Location 330 feet from (N) (S) line 2000 feet from (E) (W) line

Principal Contractor Search Drilling Geologist David Ward

Spud Date October 17, 1978 Total Depth 5310' P.B.T.D.

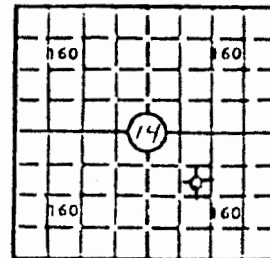
Date Completed October 26, 1978 Oil Purchaser -----

S. 14 T. 32 R. 21 *
 W

Loc. ~~CXSE~~ 300' NW C SE/4

County Clark

640 Acres
 N



Locate well correctly

Elev.: Gr. 1999'

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"	23	774	Class H	600	3% CaCl
Red Bed				70	432	Elgin Sand	4109
Red Bed				432	775	B/Heebner Sh.	4259
Red Bed				775	1212	Lansing	4571
Red Bed and Blue Shale				1212	1587	Marmaton	4855
Shale and Lime				1587	2519	Oswego Lm.	5045
Lime and Shale				2519	3156	Cherokee	5098
Lime and Shale				3156	3797	Inola	5190
Lime and Shale				3797	4394	Morrow Sand	5206
Lime and Shale				4394	4897	Mississippian	5209
Lime and Shale				4897	5215	RTD	5310
Lime and Shale				5215	5310		
Bottom Total Depth				5310			