

State Geological Survey
KANSAS DRILLERS LOG, BRANCH

IMPORTANT
Kans. Geo. Survey request
samples on this well.

API No. 15 — 175 — 20,220
County Number

Operator

G. N. Rupe

Address ~~2250 W. Garvey Building~~ P.O. Box 2273
Wichita, Kansas 67202

Well No.

#1

Lease Name

Reiss

Footage Location

660 feet from (X) (S) line

660 feet from (X) (W) line

Principal Contractor

SAGE Drilling Co., Inc.

Geologist

Doug McGinness

Spud Date

April 4, 1974

Total Depth

P.B.T.D.

Date Completed

May 14, 1974

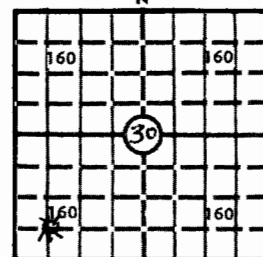
Oil Purchaser

S. 30 T. 32 R. 31 W

Loc. SW SW

County Seward

640 Acres



Locate well correctly

Elev.: Gr. 2780

DF KB 2790

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	28 #	1409	Common (65-35) POZ MIX	150 580	3% CC 6% GEL-3% CC
Production	7 7/8	5 1/2		5664	50-50 POZ MIX	150	15% D-60 4% GEL, 18% sand, 3%

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		5512-18, 5542-47
TUBING RECORD					5558-62
Size	Setting depth	Packer set at			
2 3/8		5560			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 Gals. Mud Clean-up Acid 2 - Sand Fractured w/ 20,000 # Sand	5512-18, 5542-47
22,000 Gals. water.	5558-62

INITIAL PRODUCTION

Date of first production 5/6/7		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil 3 bbls.	Gas 700 MCF	Water bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s) 5512-18, 5542-47 & 5558-62		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator G. N. RUPPE		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:													
Well No. 1	Lease Name Reiss	SIGW													
S 30 T 32 R 31 W															
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.													
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 DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">NAME</th> <th style="padding: 5px;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Toronto</td> <td style="padding: 5px;">4251</td> </tr> <tr> <td style="padding: 5px;">Landing</td> <td style="padding: 5px;">4356</td> </tr> <tr> <td style="padding: 5px;">Monkton SL</td> <td style="padding: 5px;">5512</td> </tr> <tr> <td style="padding: 5px;">St. Louis</td> <td style="padding: 5px;">5851</td> </tr> <tr> <td style="padding: 5px;">Toronto</td> <td style="padding: 5px;">4251</td> </tr> </tbody> </table>	NAME	DEPTH	Toronto	4251	Landing	4356	Monkton SL	5512	St. Louis	5851	Toronto	4251
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DST #1 4262-70 (30-30-30-30) GTS 20" G ₂ . 89 MCF → 21 MCF in 30". Rec. 1100' SW & 60' WM. IUP 1282 IAP 330 FFP 542 FSP 1282.															
DST #2 4361-70 (30-30-60-60) Rec. 60' mud. IUP 1097 FFP 43 FFP 53 FSP 1194															
DST #3 5475-5580 (30-30-30-30) GTS 5" G ₄ . 1 M MCF @ 30", G ₂ . 1650 M MCF @ 60". Rec. 150' GCM. 15' 1856, 150' 327, FFP 564, & FSP 1814.															
DST #4 5900-50 (30-30-60-60) Rec. 525' mud. 15' 1772 FFP 33 FFP 130 FSP 1772															
DST #5 (HW) 4197-4253 (30-30-30-30) Rec. 180' mud. 15' 50 IAP 134 FFP 154 FSP 411															
E. logs Gamma Ray - Guard, compensated Acoustic Velocities, & Fracture Finder Micro-sclerometer.															
RTD 5498 LTD 5497															
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.															
Date Received	W. B. Clement _____ Signature Petroleum Geologist _____ Title 12-30-74 _____ Date														

30-32-31W

CASING RECORD: OPERATOR: Glen N. Rupe DESCRIPTION:
 8-5/8" @ 1409' CONTRACTOR: Sage Drilling Co. C SW SW
 w/730 sax cement COMMENCED: April 4, 1974 Sec. 30-32S-31W
 Seward Co., Kansas
 TOTAL DEPTH: COMPLETED: April 21, 1974 ELEVATION: 2790KB
 5998'

API# 15-175-20,220

FORMATION	FROM	TO	REMARKS
Surface Sand & Clay	0	375	
Chert & Red Bed	375	935	
Red Bed & Sand	935	1409	
Shale & Anhydrite	1409	2106	
Shale & Lime	2106	2473	
Lime & Shale	2473	3089	
Lime, Shale & Dolomite	3089	3268	
Lime & Shale	3268	5391	
Shale & Lime	5391	5471	
Lime & Shale	5471	5662	
Lime	5662	5737	
Lime & Shale	5737	5974	
Lime	5974	5998	4½" set @ 5664' w/150 sax Pozmix

RECEIVED
 STATE CORPORATION COMMISSION
 OCT 29 1974
 CONSERVATION DIVISION
 Wichita, Kansas

I certify that this is a true and correct copy of the above log to the best of my knowledge.

SAGE DRILLING CO., INC.

By T. M. McCaul, Jr.
 T. M. McCaul, Jr.



Subscribed and sworn to before me this 24th day of April, 1974.

Louise K. Whitted
 Louise K. Whitted, Notary Public

My commission expires:
 November 26, 1974.