

KANSAS DRILLERS LOG

API No. 15 — 059 — 21160
County Number

Operator

GLACIER PETROLEUM CO

Address

PO Box 577 Emporia KS

Well No.

1

Lease Name

Olson

Footage Location

330 feet from (N) line 920' feet from (W) line SW 1/4

Principal Contractor

Glacier Drilling

Geologist

Chuck Kuhl

Spud Date

6/29/80

Total Depth

1240

P.B.T.D.

1232

Date Completed

7/2/80

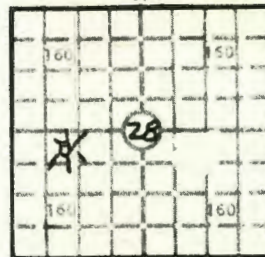
Oil Purchaser

Franklin Pipeline

State Geological Survey
WICHITA BRANCH
S. 28 T. 16 R. 18 E
Loc. NE NW SW

County Franklin

640 Acres
N



Locate well correctly

Elev.: Gr. 969

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
<u>SURFACE</u>	<u>8 5/8</u>	<u>7</u>	<u>?</u>	<u>216</u>	<u>Common</u>	<u>LINE TO SURFACE</u>	<u> </u>
<u>Production</u>	<u>6 1/4</u>	<u>4 1/2</u>	<u>9.5</u>	<u>1233</u>	<u>Common</u>	<u>75</u>	<u> </u>

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
<u> </u>	<u> </u>	<u> </u>

PERFORATION RECORD

Shots per foot	Size & type	Depth interval
<u>12 shots</u>	<u>1/2" jet</u>	<u>1028-1089</u>

TUBING RECORD

Size	Setting depth	Packer set at
<u>1"</u>	<u>1020</u>	<u> </u>

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
<u>Test - 8/6/80</u>		<u>Flowing</u>			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
<u> </u>	<u> </u>	<u>647</u>	<u> </u>	<u> </u>	<u> </u>
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
<u>waiting on connection</u>			<u>1028-1089</u>		

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.

28-16-18E

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Operator GLACIER Petroleum Co.		
Well No. 1	Lease Name Olsen	GAS
SECT 16 R 18 E		

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

Logs: None

Elevation: 969 GL

Formation Tops: (All measurements from GL)

	Sample	Datum
Iola	400	+569
BKC	582	+387
Pawnee	733	+236
Ft. Scott	794	+175
Cherokee	846	+123
Bartlesville Sand	1083	-114
RTD	1240	-251

DRILL STEM TEST:

DST #1 1079 - 1099: 30-30 15-20
 Gas to surface in 2 minutes, stabilized in
 35 minutes at 814 MCF, recovered 20 feet of drilling
 mud with spots of oil on tool.

IBHP	349#/30"	IFP	179#/30"
FBHP	338#/20'	FFP	201#/15"

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

Date Received	William C. Barclay
	Geologist
	8/29/80

Signature

Title

Date