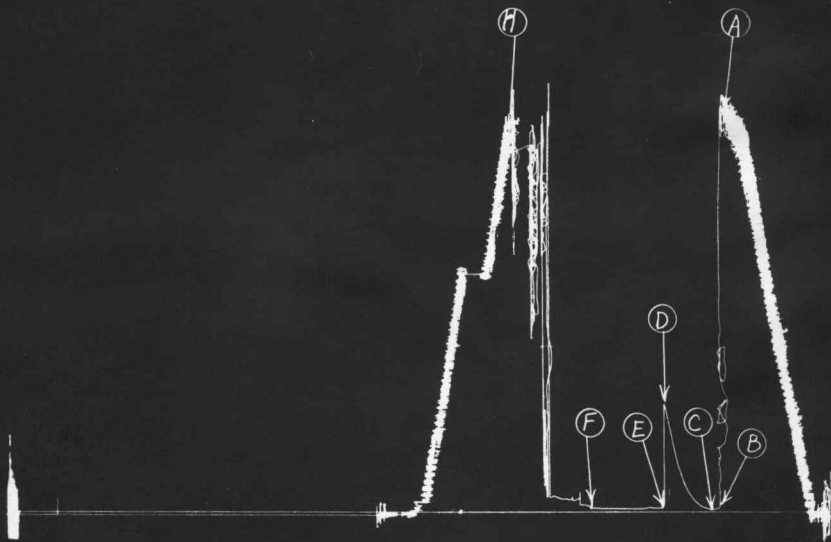


Pickrell Drlg. Co.
Kraisinger #1

T.K.T. # 7613
Test # 1





Home Office: Great Bend, Kansas
P. O. Box 793 SWift 3-7903

Company Pickrell Drilling Company Lease & Well No. Kraisinger #1
Elevation 1968 Kelly Bushings Formation == Ticket Number 7613
Date May 30, 1966 Sec. 14 Twp. 18 Range 17 County Rush State Kansas
Test Approved by R. Kenneth Smith Western Representative Dean Blaggrave

Formation Test No. 1 O.K. ☐ Misrun ☒ Interval Tested From 3549' to 3587' Total Depth 3587'
Size Main Hole 7 7/8 Core 6 1/8 Conv. ☐ B.T. ☒ Damaged ☒ Yes ☐ No ☒ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Packer Depth 3544 Ft. Size 6 3/4 Packer Depth 3549 Ft. Size 6 3/4
Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Packer Depth 32' x 4 1/2" OD
Ft. Size (6") 5 1/2" OD

Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 38 Ft. Size (6") 5 1/2" OD
RECORDERS Depth 3552 Ft. Clock No. 6774 Depth 3567 Ft. Clock No. 6892
Top Make Kuster Cap. 4300 No. 1567 ~~Inside~~ Outside Bottom Make Kuster Cap. 4150 No. 2606 ~~Inside~~ Outside
Below Straddle: Depth Clock No. Depth Ft. Clock No.
Top Make Cap. No. ~~Inside~~ Outside Bottom Make Cap. No. ~~Inside~~ Outside

Time Set Packer 10:23 P M
Tool Open I.F.P. From 10:25 M to 10:36 M Hr. 5 Min. From (B) 46 P.S.I. To (C) 46 P.S.I.
Tool Closed I.C.I.P. From 10:36 M. to 11:00 M. Hr. 30 Min. (D) 606 P.S.I.
Tool Open F.F.P. From 11:00 M. to 12:10 M. 1 Hr. 10 Min. From (E) 51 P.S.I. To (F) 51 P.S.I.
Tool Closed F.C.I.P. From M. to M. Hr. Min. (G) NOT TAKEN P.S.I.
Initial Hydrostatic Pressure (A) 2048 P.S.I. Final Hydrostatic Pressure (H) 2024 P.S.I.

SURFACE	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION	<u>1/4 In.</u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BLOW Weak increasing to fair, then died. Attempted to flush and packer failed. Bottom Choke Size 3/4 In.
Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 200' slightly oil cut mud

Reversed Out ☐ Yes ☒ No Mud Type starch Viscosity 44 Weight 10.2 Maximum Temp. 118 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size no Make Ser. No.

Type Circ. Sub. plug Did Tool Plug? Where? Did Packer Hold? no

Length Drill Pipe ft. I.D. Drill Pipe in Length Weight Pipe 1035 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars non ft.

I. D. Drill Collars in. Length D.S.T. Tool 5 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

May 30, 1966

Date _____

Recorder No. 1567

Clock No. 6774

Capacity 4300

Elevation 1968 Kelly Bushings

Test Ticket No. 7613

Location 3552 Ft.

Well Temperature 118 °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2048</u>	P.S.I.
B First Initial Flow Pressure	<u>46</u>	P.S.I.
C First Final Flow Pressure	<u>46</u>	P.S.I.
D Initial Closed-in Pressure	<u>606</u>	P.S.I.
E Second Initial Flow Pressure	<u>51</u>	P.S.I.
F Second Final Flow Pressure	<u>51</u>	P.S.I.
G Final Closed-in Pressure	<u>NO T TAKEN</u>	P.S.I.
H Final Hydrostatic Mud	<u>2024</u>	P.S.I.

Opened Tool
First Flow Pressure
Initial Closed-in Pressure
Second Flow Pressure
Final Closed-in Pressure

Time Given	Time Computed
<u>10:25 P</u>	<u>10:25</u>
<u>5</u> Mins.	<u>6</u> Mins.
<u>30</u> Mins.	<u>30</u> Mins.
<u>70</u> Mins.	<u>50</u> Mins.
<u>==</u> Mins.	<u>==</u> Mins.

PRESSURE BREAKDOWN

First Flow Press.

Breakdown: 1 Inc.
of 5 mins. and a
final inc. of 1 Min.

Initial Shut-In

Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure

Breakdown: 10 Inc.
of 5 mins. and a
final inc. of == Min.

Final Shut-In

Breakdown: == Inc.
of == mins. and a
final inc. of == Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>46</u>	<u>0</u>	<u>46</u>	<u>0</u>	<u>51</u>	<u>NOBE TAKEN</u>	
P 2 <u>5</u>	<u>46</u>	<u>3</u>	<u>48</u>	<u>5</u>	<u>51</u>	<u>LOST PACKER SEAT</u>	
P 3 <u>6</u>	<u>46</u>	<u>6</u>	<u>69</u>	<u>10</u>	<u>51</u>		
P 4		<u>9</u>	<u>89</u>	<u>15</u>	<u>51</u>		
P 5		<u>12</u>	<u>120</u>	<u>20</u>	<u>51</u>		
P 6		<u>15</u>	<u>156</u>	<u>25</u>	<u>51</u>		
P 7		<u>18</u>	<u>209</u>	<u>30</u>	<u>51</u>		
P 8		<u>21</u>	<u>272</u>	<u>35</u>	<u>51</u>		
P 9		<u>24</u>	<u>363</u>	<u>40</u>	<u>51</u>		
P10		<u>27</u>	<u>473</u>	<u>45</u>	<u>51</u>		
P11		<u>30</u>	<u>606</u>	<u>50</u>	<u>51</u>		
P12				<u>55</u>	<u>Plugging</u>		
P13				<u>60</u>	<u>" "</u>		
P14				<u>65</u>	<u>" "</u>		
P15				<u>70</u>	<u>Flushed tool and lost packer seat.</u>		
P16							
P17							
P18							
P19							
P20							

Kansas Cores

PETROLEUM RESERVOIR ENGINEERING

CORE ANALYSIS

May 30, 1966

1026 NORTH LIGHTNER
WICHITA, KANSAS 67208

Re: CORE ANALYSIS REPORT
Pickrell Drilling Co.
Kraisinger #1
Rush County
Kansas

Pickrell Drilling Co.
4th National Bldg.
Wichita, Kansas

Gentlemen:

The cores from your well, Kraisinger #1, Rush County, Kansas have been analysed for permeability, porosity, and residual saturation of oil and water. The data will be found tabulated on the following pages and indicated on the coregraph. The data averages and recovery figures are not included in this report due to the non productive nature of the samples analysed.

The following is a short discussion of the section cored and analysed.

3583' to 3584' - Oil Productive

This 1' of Reagan was composed of a large grained friable sand with some streaks of barren quartz sand. Good oil saturation was noted in the sand, and the water percentages are well in line for water free production. Very good permeability was measured, and the porosity was fairly low. Because of the thinness of the section; however, this zone is not considered to be commercially productive.

Yours very truly,

KANSAS CORES

Ivan L. Stuber
Ivan L. Stuber

Attachments

cc: 4 copies to Pickrell Drlg. Co., Wichita, Ks.

Re: CORE DESCRIPTION
Pickrell Drlg. Co.
Kraisinger #1
Rush County
Kansas

CORE #1

3558' to 3587'

Cut 29'

Rec. 29'

3558--60	Hard grey conglomerite: No show
3560--82	Hard light grey fine to medium crystalline limestone with numerous black shale partings and streaks: No show
3582--83	Fairly soft silty green sand with some black shale: No show
3583--84	Hard large grained brown conglomerite sand with few streaks clear quartz sand, numerous clear to yellow quartz inclusions: Good streaked stain, bleeding oil in streaks
3584--85	Some of same sand as above with pink granite nodules, some black and green olivine: Slight stain in sand, rest no show
3585--87	Hard pick granite, some black and green olivine: No show

Kansas Cores

PETROLEUM RESERVOIR ENGINEERING
WICHITA, KANSAS 67208

WELL Kraisinger #1 COUNTY Rush STATE Kansas
COMPANY Pickrell Drilling DATE 5-30-66 FILE NO. S-667
FIELD _____ TYPE CORES Diamond ANALYST IS

ANALYSIS DATA AND INTERPRETATIONS

SAMPLE No.	DEPTH	PERMEABILITY MILLIDARCYS		POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL					
1	3583 84	120	55.8	10.6	36.3	12.4	Oil	
2	3584 85	0.0	0.0	4.2	44.3	2.9	No Perm	

Kansas Cores

PETROLEUM RESERVOIR ENGINEERING WICHITA, KANSAS

COMPANY Pickrell Drilling DATE 5-30-66
WELL Kraisinger #1 ANALYST IS
FIELD _____
COUNTY Rush STATE Kansas

The analyses and interpretations are based on material brought to Kansas Cores by the client, and such data and interpretations are accessible only to that company which the client represents. Kansas Cores makes no warranty and makes no guarantee for the interpretations and opinions of the data. Our opinions of an analysis are placed at the discretion of the operator.

PERMEABILITY MILLIDARCYS 0—0

400 300 200 100 0

POROSITY—% X—X

20 10 0

CONNATE WATER % SATURATION

0 70 60 50 40 0—0

OIL % PORE SATURATION X—X

0 10 20

