15-015-23564

Ricketts Testing, Inc.

9-26s-6E

Company RANGE OIL CO., INC. Lease & Well No. TROMBLA #1

Elevation 1385 G.L. Formation KANSAS CITY Ticket No. 1958

Date 6-27-00 Sec. 9 Twp. 26S Range 6E County BUTLER State KS

Test Approved by JERRY HONAS Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 2230 ft. to 2276 ft. Total Depth 2276 ft.

Packer Depth 2230 ft Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Packer Depth 2227 ft Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 2235 ft. Recorder Number 13306 Cap. 4625

Bottom Recorder Depth (Outside) 2238 ft. Recorder Number 13565 Cap. 4475

Below Straddle Recorder Depth ____ ft. Recorder Number ____ Cap. ____

Drilling Contractor Summit Drilling Rig #1 Drill Collar Length 307 I.D. 2.25 in.

Mud Type Chemical Viscosity 45 Weight Pipe Length ____ I.D. ____ in.

Weight 9.5 Water Loss 12.0 cc. Drill Pipe Length 1903 I.D. 3.25 in.

Chlorides 1200 P.P.M. Test Tool Length 20 ft. Tool Size. 5½ in.

Jars: Make ____ Serial Number ____ Anchor Length 46 ft. Size 5½ in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Gravity Oil ____ Main Hole Size 7 7/8 in. Tool Joint Size 3½xh in.

Blow: Weak blow building to a strong blow in 20 minutes Initial Flow Period.
Weak blow building to a strong blow in 30 minutes Final Flow Period.

Recovered 30 ft. of Slightly oil cut mud. 2% Oil

Recovered 337 ft. of Slightly mud cut water with a trace of oil.

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: DST Fluid Chlorides 82,000 PPM

Time Set Packer (s) 9:05 PM. Time Started Off Bottom 12:05 AM. Maximum Temperature 98°

Initial Hydrostatic Pressure	(A)	1153	P.S.I.	
Initial Flow Period Minutes 30	(B)	28	P.S.I.	to
	(C)	77	P.S.I.	
Initial Closed In Period Minutes 30	(D)	753	P.S.I.	
Final Flow Period Minutes 60	(E)	106	P.S.I.	to
	(F)	158	P.S.I.	
Final Closed In Period Minutes 60	(G)	745	P.S.I.	
Final Hydrostatic Pressure	(H)	1146	P.S.I.	

RICKETTS TESTING, INC.

Pressure Data

Date 6-27-00 Test Ticket No. 1958

Recorder No. 13306 Capacity 4625 Location 2235 Ft.

Clock No. Elevation 1385 G.L. Well Temperature 98 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1153 P.S.I.	Open Tool	9:05 P M.	
B First Initial Flow Pressure	28 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	77 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	753 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	106 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	158 P.S.I.			
G Final Closed-in Pressure	745 P.S.I.			
H Final Hydrostatic Mud	1146 P.S.I.			

PRESSURE BREAKDOWN

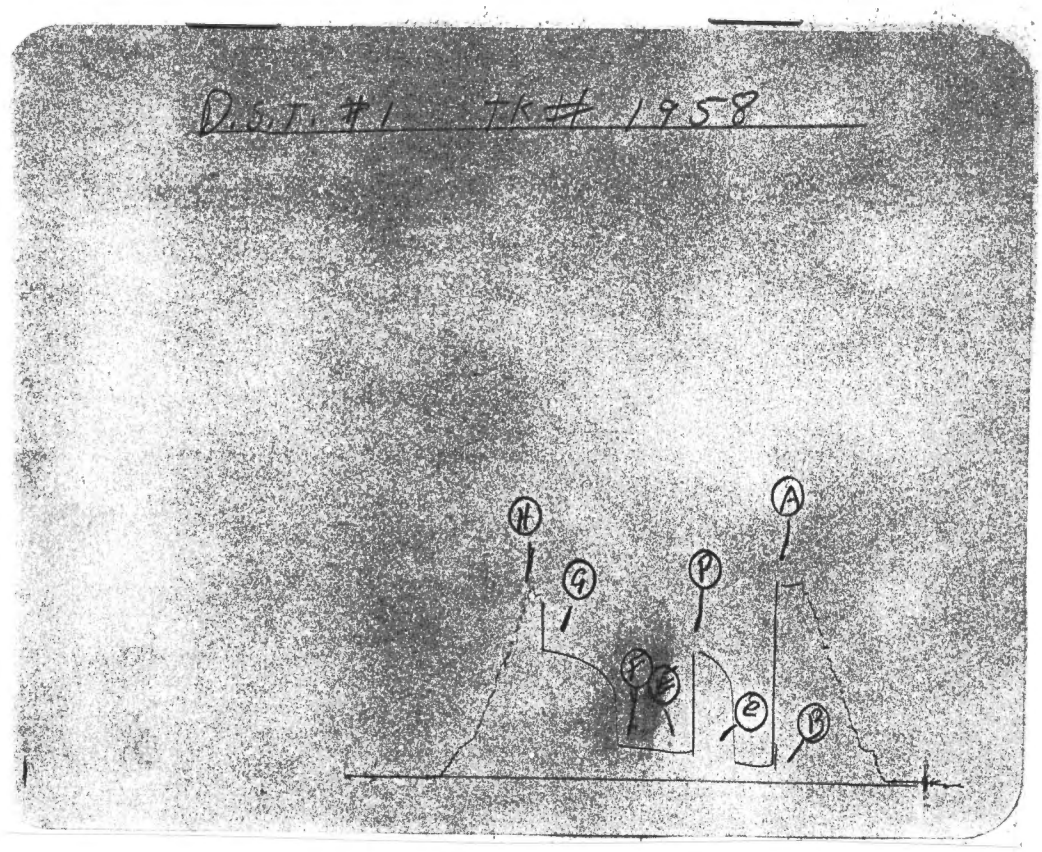
First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of Min.

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of Min.

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of Min.

Final Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	28	0	77	0	106	0	158
P 2 5	30	3	566	5	108	3	511
P 3 10	37	6	621	10	113	6	580
P 4 15	43	9	663	15	117	9	613
P 5 20	55	12	691	20	123	12	636
P 6 25	66	15	710	25	131	15	651
P 7 30	77	18	722	30	142	18	663
P 8 35		21	734	35	148	21	677
P 9 40		24	743	40	150	24	691
P10 45		27	748	45	152	27	701
P11 50		30	753	50	154	30	706
P12 55		33		55	156	33	711
P13 60		36		60	158	36	718
P14 65		39		65		39	724
P15 70		42		70		42	729
P16 75		45		75		45	735
P17 80		48		80		48	737
P18 85		51		85		51	739
P19 90		54		90		54	741
P20 95		57				57	744
		60				60	745



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1146	1153	PSI
(B)	First Initial Flow Pressure	41	28	PSI
(C)	First Final Flow Pressure	75	77	PSI
(D)	Initial Closed-in Pressure	781	753	PSI
(E)	Second Initial Flow Pressure	119	106	PSI
(F)	Second Final Flow Pressure	142	158	PSI
(G)	Final Closed-in Pressure	781	745	PSI
(H)	Final Hydrostatic Mud	1135	1146	PSI