

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name PETERS #2 Test No. 1 Date 9/8/93
Company OVERLAND EXPLORATION COMPANY Zone LKC
Address 200 E FIRST ST #505 WICHITA KS 67202 Elevation 2840 KB
Co. Rep./Geo. JOEL ALBERTS Cont. ABERCROMBIE DRLG RIG #4 Est. Ft. of Pay _____
Location: Sec. 36 Twp. 14S Rge. 33W Co. LOGAN State KS

Interval Tested 3835-3864 Drill Pipe Size 4.5" XH
Anchor Length 29 Wt. Pipe I.D. - 2.7 Ft. Run 571
Top Packer Depth 3830 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3835 Mud Wt. 9 lb/Gal.
Total Depth 3865 Viscosity 51 Filtrate 10.4

Tool Open @ 12:35 Initial Blow FAIR TO STRONG BLOW-OFF BOTTOM IN 9 MINUTES
ISI: BLED OFF BLOW - NO BLOW BACK
Final Blow FAIR TO STRONG BLOW-OFF BOTTOM IN 19 MINUTES
FSI: BLED OFF BLOW - NO BLOW BACK

Recovery - Total Feet 888 Flush Tool? NO

Rec. 2 Feet of OIL
Rec. 80 Feet of MUD CUT WTR-60% WTR/ 40% MUD
Rec. 806 Feet of SALT WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.34 @ 82 °F Chlorides 25000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 1917.4 PSI AK1 Recorder No. 13339 Range 4025

(B) First Initial Flow Pressure 74.2 PSI @ (depth) 3843 w / Clock No. 26199

(C) First Final Flow Pressure 263.8 PSI AK1 Recorder No. 13309 Range 4700

(D) Initial Shut-in Pressure 1152.4 PSI @ (depth) 3861 w / Clock No. 25810

(E) Second Initial Flow Pressure 301.2 PSI AK1 Recorder No. _____ Range _____

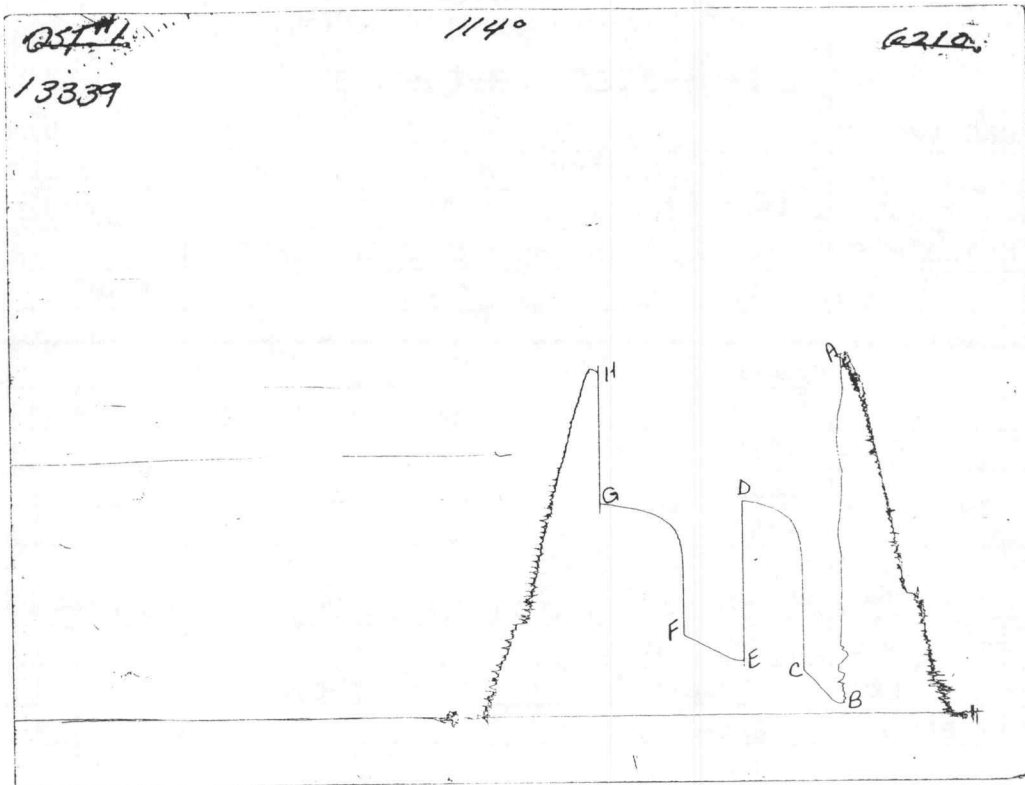
(F) Second Final Flow Pressure 451.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1166.9 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1860.4 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative PETE WAGGONER

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1912	1917.4
(B) FIRST INITIAL FLOW PRESSURE	70	74.2
(C) FIRST FINAL FLOW PRESSURE	259	263.8
(D) INITIAL CLOSED-IN PRESSURE	1149	1152.4
(E) SECOND INITIAL FLOW PRESSURE	294	301.2
(F) SECOND FINAL FLOW PRESSURE	448	451.7
(G) FINAL CLOSED-IN PRESSURE	1161	1166.9
(H) FINAL HYDROSTATIC MUD	1865	1860.4

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Test Ticket

No 6210

Well Name & No. Petres #2 Test No. 1 Date 9-8-93
 Company Overland Exploration Company Zone Tested LANE/KC.
 Address 200 E First St #505 Wichita Ks. Elevation 2840 KB
 Co. Rep./Geo. Joel Alberts Cont. Abraham RTO Rq 4 Est. Ft. of Pay _____
 Location: Sec. 36 Twp. 14S Rge. 33 W Co. Logan State Ks
 No. of Copies 5 ~~General~~ Distribution Sheet _____ Yes X No Turnkey X Yes X No X Evaluation _____

Interval Tested 3835 3864 Drill Pipe Size 4 1/2" XH
 Anchor Length 29 Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 3830 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 3835 Wt. Pipe I.D. — 2.7 Ft. Run 571
 Total Depth 3865 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.0 lb/gal. Viscosity 51 Filtrate 10.4
 Tool Open @ 12:35 Initial Blow Fair to Strong blow - off bottom in 9 mins
ISI: bleed off blow, no blow back
 Final Blow Fair to Strong blow - off bottom in 19 mins.
FSI: bleed off blow, no blow back

Recovery — Total Feet 888 Feet of Gas in Pipe _____ Flush Tool? _____

Rec.	Feet Of	% gas	% oil	% water	% mud
<u>2'</u>	<u>oil</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>80'</u>	<u>mud cut water</u>	<u>0</u>	<u>0</u>	<u>60</u>	<u>40</u>
<u>806</u>	<u>salt water</u>	<u>0</u>	<u>0</u>	<u>100</u>	<u>0</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

BHT 114° °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW .34 @ 82 °F Chlorides 25000 ppm Recovery Chlorides 6000 ppm System

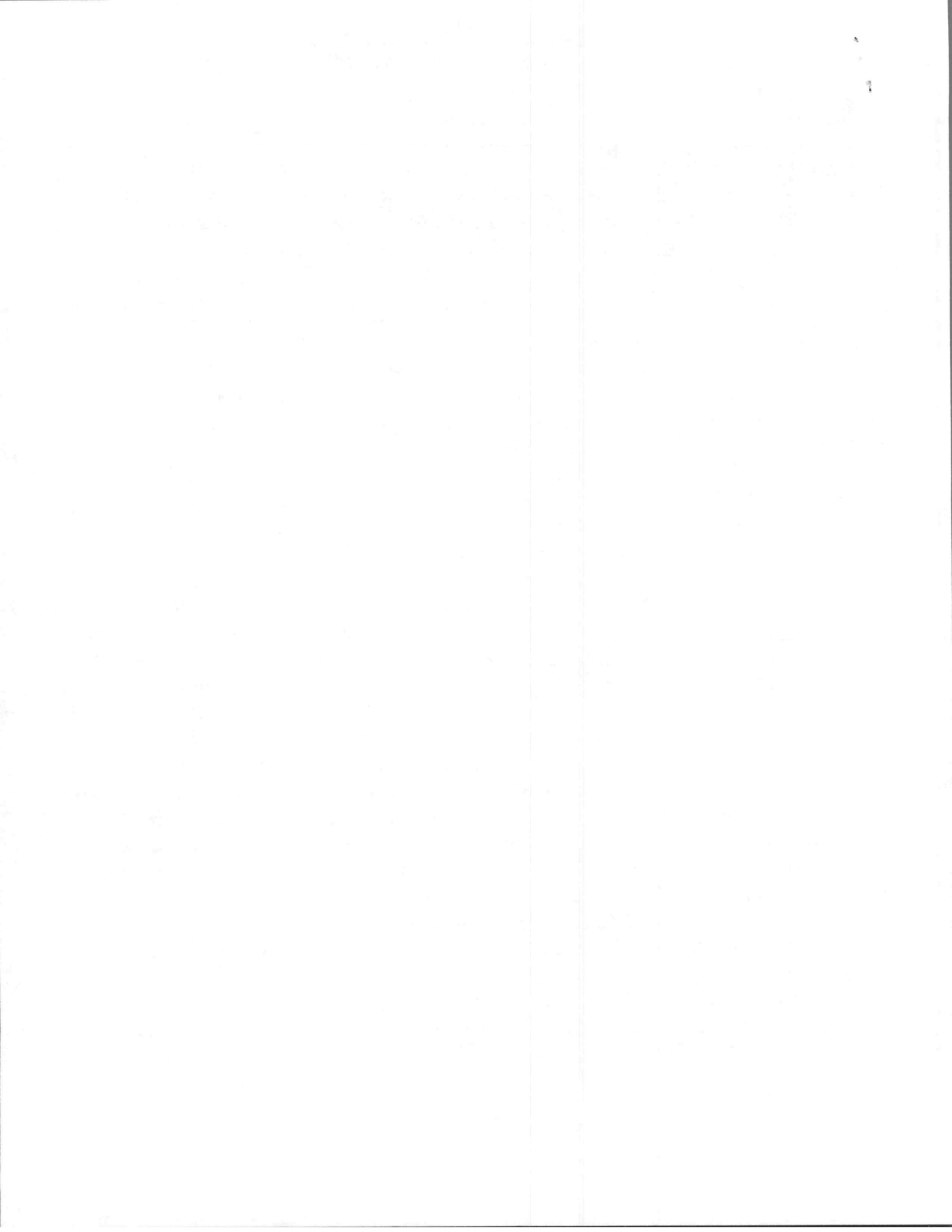
(A) Initial Hydrostatic Mud 1912 PSI Ak1 Recorder No. 13339 Range 4025
 (B) First Initial Flow Pressure 70 PSI @ (depth) 3843 w/Clock No. 26199
 (C) First Final Flow Pressure 259 PSI AK1 Recorder No. 13309 Range 4700
 (D) Initial Shut-in Pressure 1149 PSI @ (depth) 3861 w/Clock No. 25810
 (E) Second Initial Flow Pressure 294 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 448 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-in Pressure 1161 PSI Initial Opening 30 Test X _____
 (H) Final Hydrostatic Mud 1865 PSI Initial Shut-in 45 Jars _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 45 Safety Joint _____
 Final Shut-in 60 Straddle _____
 Circ. Sub X-NC
 Sampler _____
 Extra Packer _____
 Other _____

Approved By Joel Alberts
 Our Representative Pete Waggoner

TOTAL PRICE \$ 600.00



TRILOBITE TESTING, L.L.C.

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Drill-Stem Test Data

Well Name PETERS #2 Test No. 2 Date 9/9/93
Company OVERLAND EXPLORATION COMPANY Zone LKC
Address 200 E FIRST ST #505 WICHITA KS 67202 Elevation 2840 KB
Co. Rep./Geo. JOEL ALBERTS Cont. ABERCROMBIE DRLG RIG #4 Est. Ft. of Pay _____
Location: Sec. 36 Twp. 14S Rge. 33W Co. LOGAN State KS

Interval Tested 3890-3915 Drill Pipe Size 4.5" XH
Anchor Length 25 Wt. Pipe I.D. - 2.7 Ft. Run 571
Top Packer Depth 3885 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3890 Mud Wt. 9.1 lb/Gal.
Total Depth 3915 Viscosity 46 Filtrate 10.4

Tool Open @ 3:01 AM Initial Blow VERY WEAK SURFACE BLOW FOR 18 MINUTES-DIED

Final Blow NO BLOW

Recovery - Total Feet 10 Flush Tool? NO

Rec. 10 Feet of MUD WITH SHOW OF OIL ON TOP
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1917.4 PSI AK1 Recorder No. 13339 Range 4025

(B) First Initial Flow Pressure 33.9 PSI @ (depth) 3898 w / Clock No. 26199

(C) First Final Flow Pressure 33.9 PSI AK1 Recorder No. 13309 Range 4700

(D) Initial Shut-in Pressure 1104.3 PSI @ (depth) 3912 w / Clock No. 25810

(E) Second Initial Flow Pressure 48.2 PSI AK1 Recorder No. _____ Range _____

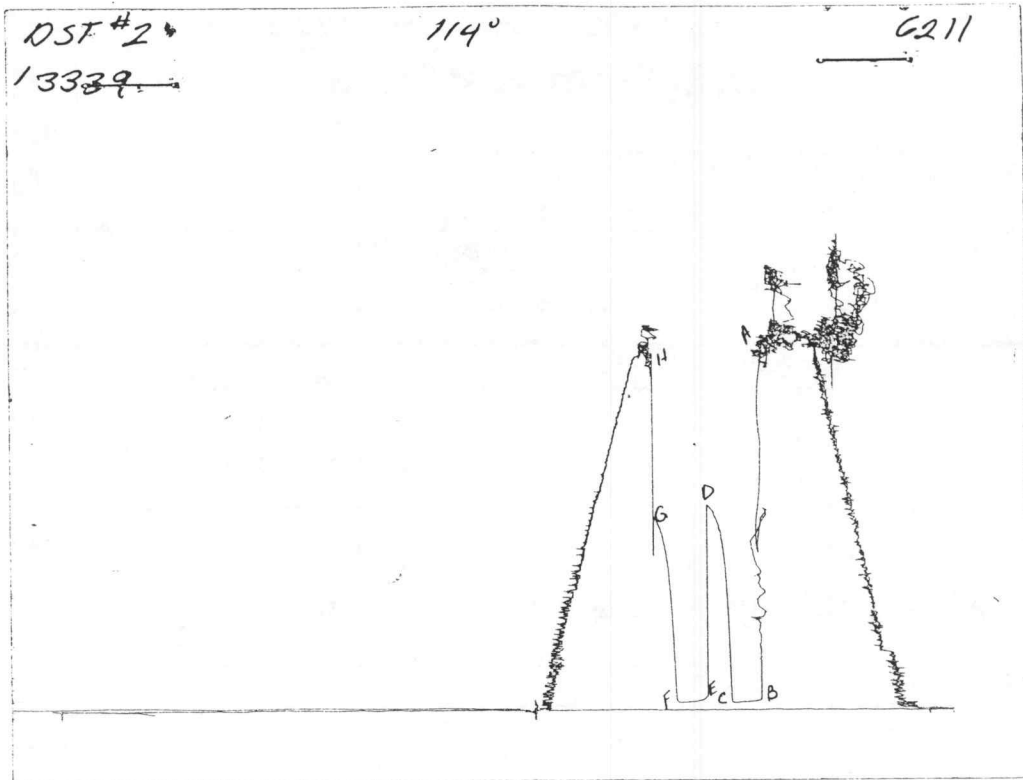
(F) Second Final Flow Pressure 48.2 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1061.2 PSI Initial Opening 20 Final Flow 20

(H) Final Hydrostatic Mud 1903.6 PSI Initial Shut-in 20 Final Shut-in 20

Our Representative PETE WAGGONER

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1912	1917.4
(B) FIRST INITIAL FLOW PRESSURE	35	33.9
(C) FIRST FINAL FLOW PRESSURE	35	33.9
(D) INITIAL CLOSED-IN PRESSURE	1102	1104.3
(E) SECOND INITIAL FLOW PRESSURE	47	48.2
(F) SECOND FINAL FLOW PRESSURE	47	48.2
(G) FINAL CLOSED-IN PRESSURE	1056	1061.2
(H) FINAL HYDROSTATIC MUD	1889	1903.6

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Test Ticket

No 6211

Well Name & No. Peters #2 Test No. 2 Date 9-9-93
 Company Overland Exploration Company Zone Tested LKC E-F
 Address 200 E First St. #505 Wichita, KS Elevation 2840 KB
 Co. Rep./Geo. Joel Alberts Cont. Abscrombie RTD Rg 4 Est. Ft. of Pay _____
 Location: Sec. 36 Twp. 14 S Rge. 33 W Co. Logan State Ks.
 No. of Copies Journal Distribution Sheet _____ Yes No Turnkey _____ Yes No Evaluation _____

Interval Tested 3890 - 3915 Drill Pipe Size 4 1/2" XH
 Anchor Length 25 Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 3885 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 3890 Wt. Pipe I.D. — 2.7 Ft. Run 571
 Total Depth 3915 Drill Collar — 2.25 Ft. Run -
 Mud Wt. 9.1 lb/gal. Viscosity 46 Filtrate 10.4
 Tool Open @ 3:01 am Initial Blow VERY WEAK SURFACE BLOW FOR 18 MINS. DIED

Final Blow No blow

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
Rec. <u>10'</u> Feet Of <u>mud w/show of oil on top</u>	% gas	% oil
Rec. _____ Feet Of _____	% gas	% oil
Rec. _____ Feet Of _____	% gas	% oil
Rec. _____ Feet Of _____	% gas	% oil
Rec. _____ Feet Of _____	% gas	% oil

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1912 PSI Ak1 Recorder No. 13339 Range 4025
 (B) First Initial Flow Pressure 35 PSI @ (depth) 3898 w/Clock No. 26199
 (C) First Final Flow Pressure 35 PSI Ak1 Recorder No. 13309 Range 4700
 (D) Initial Shut-in Pressure 1102 PSI @ (depth) 3912 w/Clock No. 25810
 (E) Second Initial Flow Pressure 47 PSI Ak1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 47 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-in Pressure 1056 PSI Initial Opening 20 Test 600
 (H) Final Hydrostatic Mud 1889 PSI Initial Shut-in 20 Jars _____

Final Flow 20 Safety Joint _____
 Final Shut-in 20 Straddle _____
 Circ. Sub X-NC
 Sampler _____
 Extra Packer _____
 Other CPDC
 TOTAL PRICE \$ _____

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Approved By Joel Alberts
 Our Representative RT WAGGONER

