

Complete Field Service and Chart Evaluation

FORMATION TESTING

SERVICES INC.

FORMATION TEST REPORT

SOURCE PETROLEUM

Ediger A-1

P.O. Box 518
Hayes, Kansas 67601

Hayes-Bus (913) 628-1115

FTS

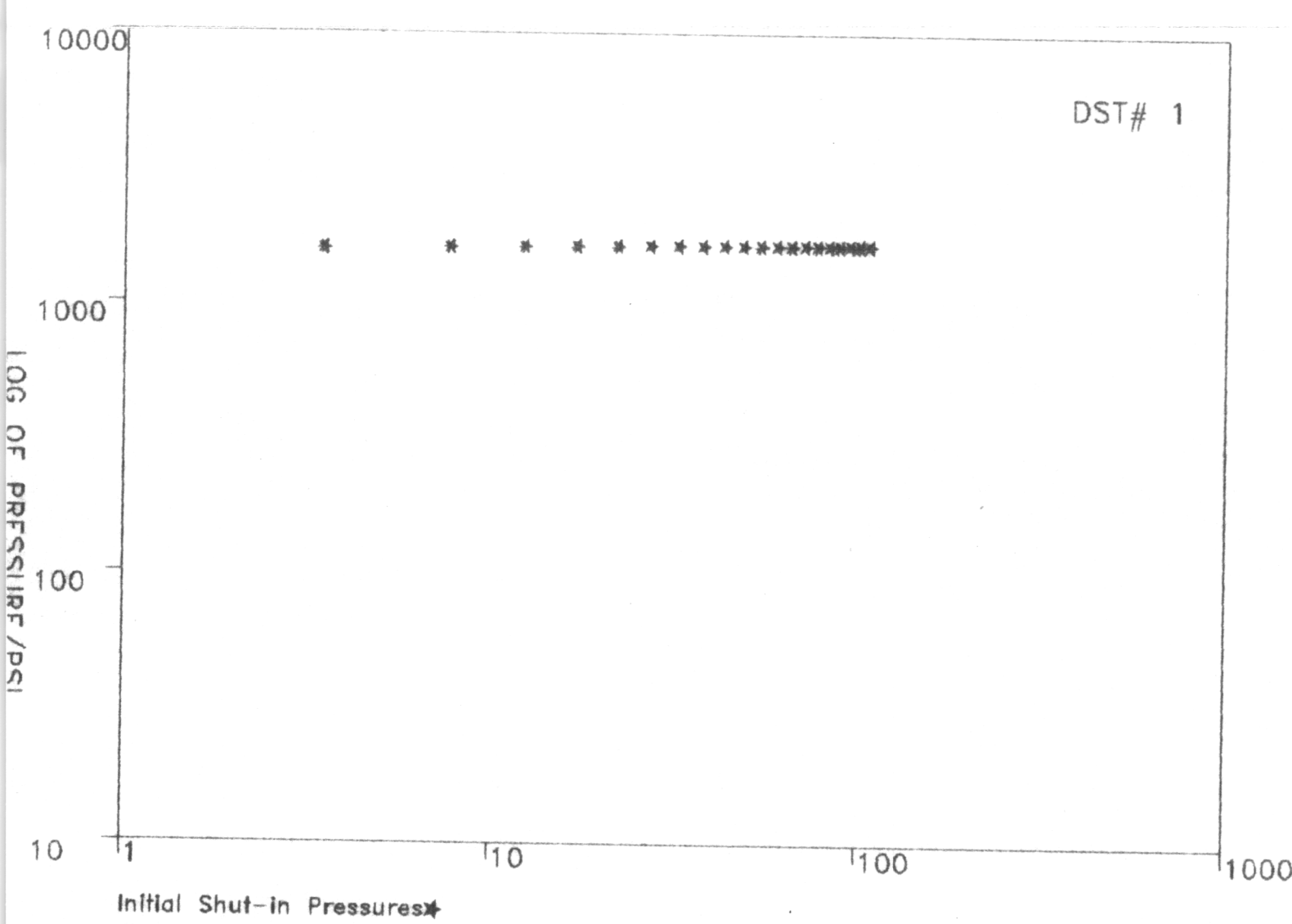
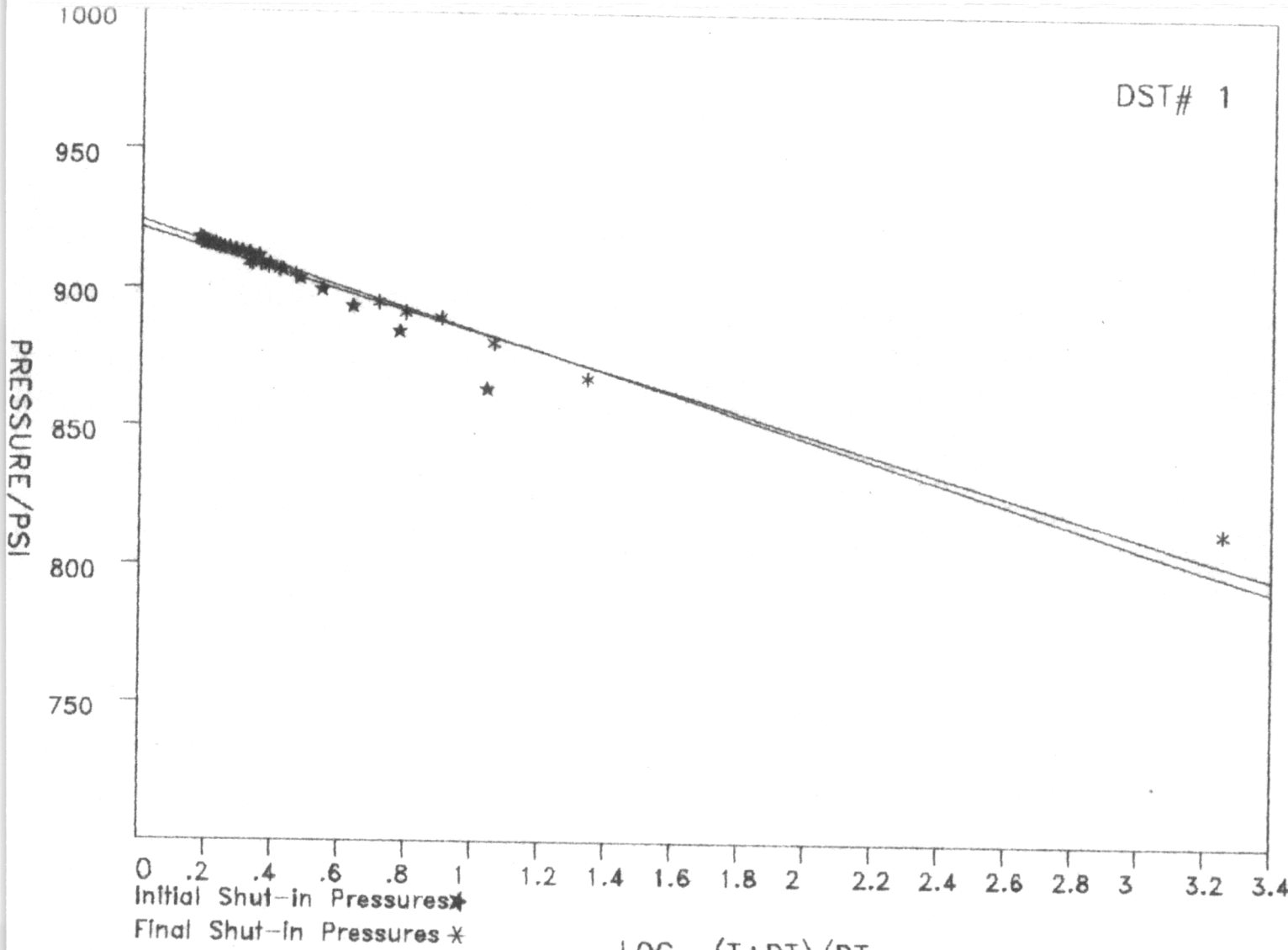
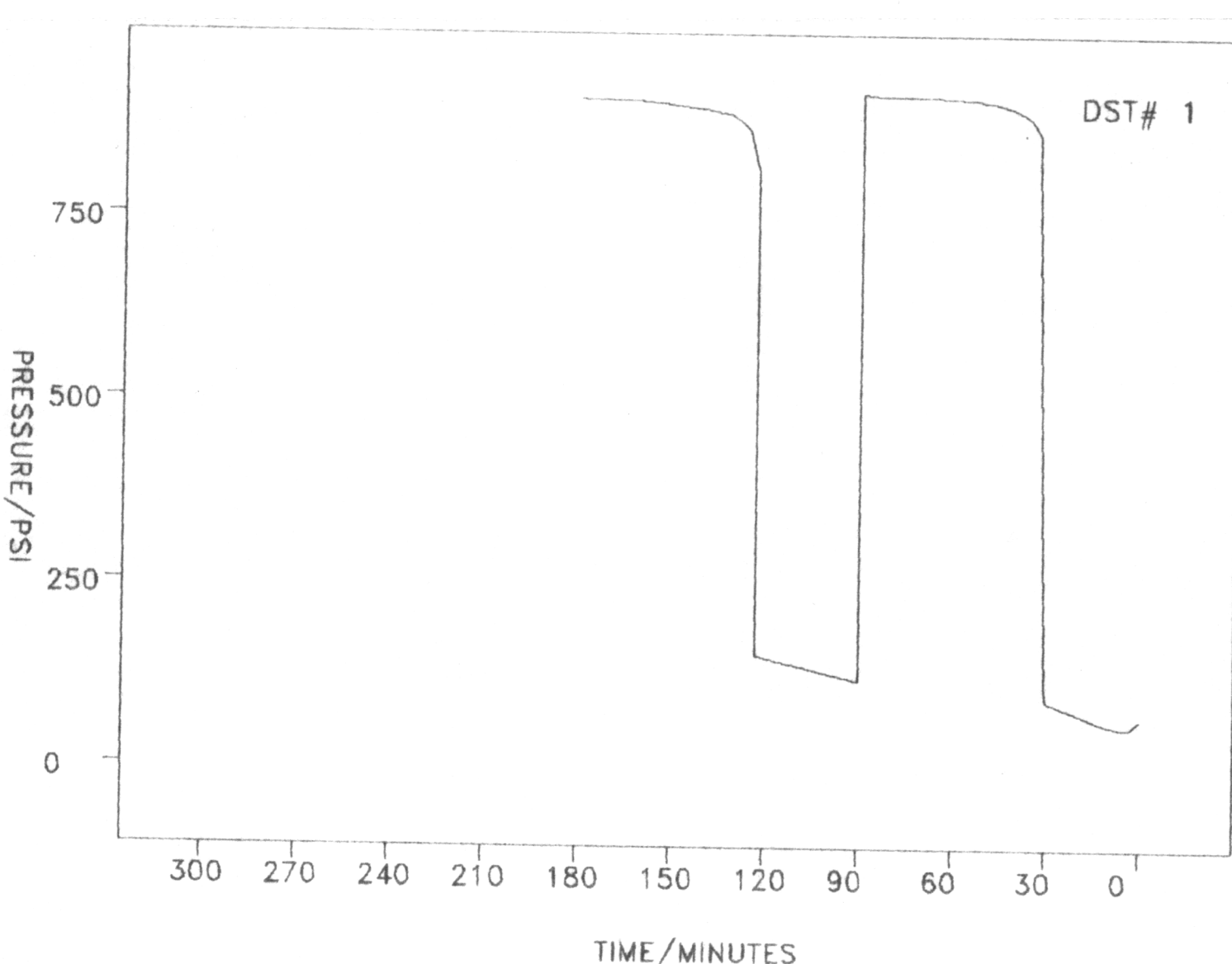
FORMATION TESTING SERVICES, INC. DRILL-STEM TEST REPORT

COMPANY- SOURCE PETROL
WELL- EDIGER A-1
COUNTY- HARVEY
STATE- KANSAS

COMPANY- SOURCE PETROLEUM
WELL- EDIGER A-1
COUNTY- HARVEY
STATE- KANSAS
LOCATION- 110E-C-N2-SE
SEC. 21 TYP. 22S RGE. 3W

PERMANENT DATUM: GL
ELEVATIONS
ELEV OF PERM DATUM: KB: 1432
INTERVALS TESTED DF:
MEASURED FROM: KB GL:

TOTAL DSTS: 1	D.S.T. #1	D.S.T. #	D.S.T. #	D.S.T. #
DATE	11/16/87			
ZONE TESTED	SIMPSON			
INTERVAL	3682-3720			
ANCHOR LENGTH	38	FT		
INITIAL HYDRO.	1908	PSI		
INIT. FLOW PRESS.	67-92	PSI		
INIT. SHUT-IN	916	PSI		
FINAL FLOW PRESS.	125-153	PSI		
FINAL SHUT-IN	909	PSI		
FINAL HYDRO.	1802	PSI		
TOTAL FLUID REC.	340	FT		
GAS	7.42	BBL		
OIL	3.372	BBL		
WATER	0	BBL		
MUD	1.329	BBL		
TOTAL FLUID REC.	4.701	BBL		



DRILL STEM TEST INFORMATION

RECORDED INFORMATION

	DST #1	DST #	DST #	DST #
DATE TESTED	11/16/87			
ZONE TESTED	SIMPSON			
INTERVAL (FT)	3682-3720			
ANCHOR LENGTH (FT)	38			
INITIAL HYDRO (PSI)	1908			
INIT. FLOW PRES. (PSI)	67-92			
INIT. SHUT-IN (PSI)	916			
FINAL FLOW PRES. (PSI)	125-153			
FINAL SHUT-IN (PSI)	909			
FINAL HYDRO. (PSI)	1802			
TOTAL FLUID FT. (PSI)	340			
GAS (BBL)	7.42			
OIL (BBL)	3.372			
WATER (BBL)	0			
MUD (BBL)	1.329			
TOTAL FLUID (BBL)	4.701			
PIPE CAPACITY (BBL/FT)	.0155			
WEIGHT PIPE CAPACITY (BBL/FT)	0			
COLAR CAPACITY (BBL/FT)	0			
EXTRA EQUIPMENT				
TESTER	TRILOBITE			
COMPANY REP.				
HOLE SIZE (IN.)	7.875			
ZONE POROSITY (%)	12(Default)			
EFFECTIVE FEET PAY	15			
GRAVITY (API)	43			
CHLORIDES-MUD (PPM)	2K			
CHLORIDES-REC. FLUID (PPM)				
FORMATION TEMP. (F)	107			
TIME PERIODS (MINUTES)	30-60-30-60			
TYPE OF DRIVE				
AVERAGE WATER SATURATION (%)				
WATER VISCOSITY (CP)				
ABANDONMENT PRESSURE (PSI)				
ECONOMIC LIMIT (BOPM)	90			

PRODUCTION CALCULATIONS

GAS/OIL RATIO	147.3556
FORMATION VOL FACTOR	1.0839
VIS OF FLUID-RESERVOIR (CP)	1.6213
BUBBLE POINT (PSI)	552.0154
EXTRAP. PRES. 1ST SI (PSI)	924.3272
EXTRAP. PRES. 2ND SI (PSI)	921.7029
SLOPE OF 2ND SI (PSI/LC)	36.6414
TRANSMISS. LIQUID (md-ft/cp)	394.4622
FLOW CAP (md-ft)	639.5593
PRODUCT. INDEX (BOPD/PSI)	.0051
POTENTIO. SURFACE (ft ASL)	-150.571
PERMEABILITY (md)	42.6372
RADIUS OF INVEST. (FT)	116.6151
FLOW RATE GAS (MCF)	0
FLOW RATE TOTAL FLUID (BPD)	82.0036
FLOW RATE OIL (BPD)	82.0036
ESTIMATED DAMAGE RATIO	3.8401
POTENTIAL/DAMAGE REM. (BPD)	314.9076

RESERVOIR CALCULATIONS

RECOVERY FACTOR (%)	0
ANNUAL DECLINE (%)	0
WELL LIFE (YEARS)	0
NO. ACRES AFFECTED	.0168
NO. ACRES NOT AFFECTED	-0.0169
ECONOMIC RESERVES (BBL)	0

Formation Testing Services, Inc. shall not be liable for damages of any kind, or for losses suffered or sustained directly or indirectly through the use of its statements or opinion concerning the results of any test.



Ricketts Testing

Company Source Petroleum Lease & Well No. Ediger #A-1
Elevation 1432 K.B. Formation Mississippi Effective Pay _____ ft. Ticket No. 869
Date 11-12-87 Sec. 21 Twp. 22 Range 3W County Harvey State Kansas
Test Approved by Robert L. Laymon Ricketts Representative Dan Delaney
Formation Test No. 1 Interval Tested from 3181 ft. to 3203 ft. Total Depth 3203 ft.
Packer Depth 3181 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3178 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3186 ft. Recorder Number 13765 Cap. 4150
Bottom Recorder Depth (Outside) 3189 ft. Recorder Number 13766 Cap. 4275
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor Allen Drilling Rig #3 Drill Collar Length _____ I.D. _____ in.
Mud Type Chemical Viscosity 48 Weight Pipe Length _____ I.D. _____ in.
Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 3159 I.D. 3.25 in.
Chlorides 2,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make --- Serial Number _____ Anchor Length 22 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x h in.

Blow: Weak blow increasing to a fair blow Initial Flow Period. 1/2" to 5"
Fair blow throughout Final Flow Period. 2 1/2"

Recovered 210 ft. of Gas in pipe.
Recovered 30 ft. of Oil & gas cut mud. 27% Oil 16% Gas 57% Mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: _____

Time Set Packer (s) 3:00 A.M. ~~P.M.~~ Time Started Off Bottom 7:00 A.M. ~~P.M.~~ Maximum Temperature 106°
Initial Hydrostatic Pressure _____ (A) 1598 P.S.I.
Initial Flow Period _____ Minutes 60 (B) 28 P.S.I. to
(C) 31 P.S.I.
Initial Closed In Period _____ Minutes 60 (D) 592 P.S.I.
Final Flow Period _____ Minutes 60 (E) 33 P.S.I. to
(F) 33 P.S.I.
Final Closed In Period _____ Minutes 60 (G) 424 P.S.I.
Final Hydrostatic Pressure _____ (H) 1587 P.S.I.

RICKETTS TESTING **Pressure Data**

Date 11-12-87 Test Ticket No. 869
 Recorder No. 13765 Capacity 4150 Location 3186 Ft.
 Clock No. _____ Elevation 1432 K.B. Well Temperature 106 °F

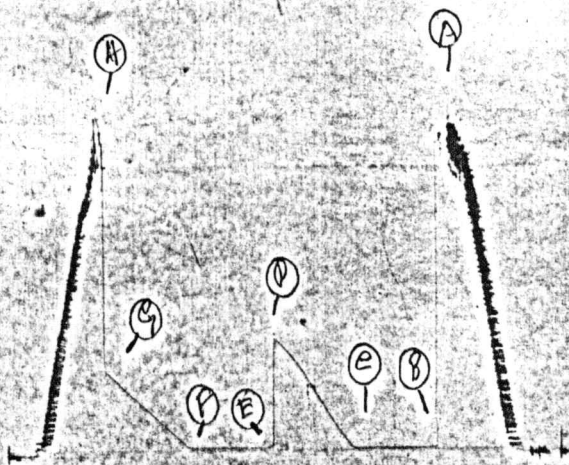
Point	Pressure		Time Given 3:00	A	Time Computed
A Initial Hydrostatic Mud	<u>1598</u> P.S.I.	Open Tool	<u>60</u>	<u>M</u>	<u>60</u> Mins.
B First Initial Flow Pressure	<u>28</u> P.S.I.	First Flow Pressure	<u>60</u>	<u>Mins.</u>	<u>60</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>60</u>	<u>Mins.</u>	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>592</u> P.S.I.	Second Flow Pressure	<u>60</u>	<u>Mins.</u>	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>33</u> P.S.I.	Final Closed-in Pressure	<u>60</u>	<u>Mins.</u>	<u>60</u> Mins.
F Second Final Flow Pressure	<u>33</u> P.S.I.				
G Final Closed-in Pressure	<u>424</u> P.S.I.				
H Final Hydrostatic Mud	<u>1587</u> P.S.I.				

PRESSURE BREAKDOWN

	First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Initial Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.	Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	28	0	31	0	33
P 2 5	28	3	46	5	33
P 3 10	28	6	73	10	33
P 4 15	29	9	101	15	33
P 5 20	29	12	131	20	33
P 6 25	29	15	161	25	33
P 7 30	29	18	195	30	33
P 8 35	30	21	226	35	33
P 9 40	30	24	258	40	33
P10 45	30	27	292	45	33
P11 50	30	30	331	50	33
P12 55	31	33	365	55	33
P13 60	31	36	397	60	33
P14 65		39	429	65	
P15 70		42	456	70	
P16 75		45	486	75	
P17 80		48	515	80	
P18 85		51	539	85	
P19 90		54	560	90	
P20 95		57	575		
		60	592		
				60	424

DST 1 TK # 869

13765





Ricketts Testing

Company Source Petroleum Lease & Well No. Ediger #A-1
Elevation 1432 K.B. Formation Mississippi Effective Pay _____ ft. Ticket No. 870
Date 11-12-87 Sec. 21 Twp. 22 Range 3W County Harvey State Kansas
Test Approved by Robert L. Laymon Ricketts Representative Dan Delaney
Formation Test No. 2 Interval Tested from 3206 ft. to 3218 ft. Total Depth 3218 ft.
Packer Depth 3206 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3203 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3211 ft. Recorder Number 13765 Cap. 4150
Bottom Recorder Depth (Outside) 3214 ft. Recorder Number 13766 Cap. 4275
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor Allen Drilling Rig #3 Drill Collar Length _____ I.D. _____ in.
Mud Type Chemical Viscosity 46 Weight Pipe Length _____ I.D. _____ in.
Weight 9.5 Water Loss 9.6 cc. Drill Pipe Length 3184 I.D. 3.25 in.
Chlorides 1,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make --- Serial Number _____ Anchor Length 12 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x h in.

Blow: Weak blow increasing slowly to a fair blow Initial Flow Period. 1/2" to 4"
Weak blow increasing slowly to a fair blow Final Flow Period. 1" to 2 1/2"
Recovered 120 ft. of Gas in pipe.
Recovered 1 ft. of Clean oil.
Recovered 4 ft. of Slightly oil cut muddy water. 2% Oil 29% Mud 69% Water
Recovered 120 ft. of Salt water.
Recovered _____ ft. of _____
Remarks: DST Fluid Chlorides 42,000 PPM

Time Set Packer (s) <u>2:30</u> ~~XXX~~ P.M.	Time Started Off Bottom <u>6:30</u> ~~XXX~~ P.M.	Maximum Temperature <u>111°</u>
Initial Hydrostatic Pressure..... (A) <u>1614</u>	P.S.I.	
Initial Flow Period..... Minutes <u>60</u>	(B) <u>20</u> P.S.I. to	
	(C) <u>39</u> P.S.I.	
Initial Closed In Period..... Minutes <u>60</u>	(D) <u>734</u> P.S.I.	
Final Flow Period..... Minutes <u>60</u>	(E) <u>54</u> P.S.I. to	
	(F) <u>66</u> P.S.I.	
Final Closed In Period..... Minutes <u>60</u>	(G) <u>645</u> P.S.I.	
Final Hydrostatic Pressure..... (H) <u>1602</u>	P.S.I.	

RICKETTS TESTING

Pressure Data

870

Test Ticket No. 3211

Location 111

Ft.

Well Temperature °F

Date 11-12-87

Recorder No. 13765 Capacity 4150

Clock No. Elevation 1432 K.B.

Point	Pressure
A Initial Hydrostatic Mud	1614 P.S.I.
B First Initial Flow Pressure	20 P.S.I.
C First Final Flow Pressure	39 P.S.I.
D Initial Closed-in Pressure	734 P.S.I.
E Second Initial Flow Pressure	54 P.S.I.
F Second Final Flow Pressure	66 P.S.I.
G Final Closed-in Pressure	645 P.S.I.
H Final Hydrostatic Mud	1602 P.S.I.

Open Tool

First Flow Pressure

Initial Closed-in Pressure

Second Flow Pressure

Final Closed-in Pressure

Time Given	Time Computed
2:30 P	M
60 Mins.	60 Mins.
60 Mins.	60 Mins.
60 Mins.	60 Mins.
60 Mins.	60 Mins.

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: 12 Inc.

of 5 mins. and a

final inc. of Min.

Initial Shut-In

Breakdown: 20 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

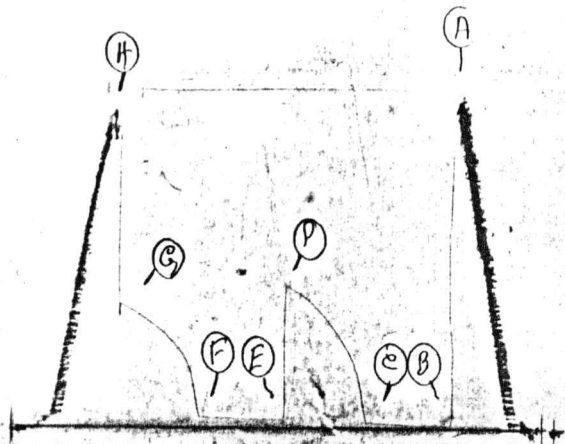
Breakdown: 20 Inc.

of 3 mins. and a

final inc. of Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	20	0	39	0	54	0	66
P 2 5	21	3	92	5	55	3	138
P 3 10	22	6	131	10	56	6	250
P 4 15	23	9	325	15	57	9	327
P 5 20	24	12	377	20	58	12	366
P 6 25	26	15	420	25	59	15	401
P 7 30	28	18	454	30	60	18	431
P 8 35	30	21	485	35	61	21	453
P 9 40	32	24	515	40	62	24	472
P 10 45	34	27	545	45	63	27	494
P 11 50	36	30	572	50	64	30	510
P 12 55	38	33	595	55	65	33	529
P 13 60	39	36	618	60	66	36	545
P 14 65		39	641	65		39	557
P 15 70		42	660	70		42	572
P 16 75		45	678	75		45	587
P 17 80		48	691	80		48	601
P 18 85		51	704	85		51	613
P 19 90		54	716	90		54	627
P 20 95		57	728			57	637
		60	737			60	645

DST H < TR # 870



13765



Ricketts Testing

Company Source Petroleum Lease & Well No. Ediger #A-1
Elevation 1432 K.B. Formation Osage Effective Pay _____ ft. Ticket No. 871
Date 11-13-87 Sec. 21 Twp. 22 Range 3W County Harvey State Kansas
Test Approved by Robert L. Laymon Ricketts Representative Dan Delaney
Formation Test No. 3 Interval Tested from 3219 ft. to 3228 ft. Total Depth 3228 ft.
Packer Depth 3219 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3216 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3224 ft. Recorder Number 13765 Cap. 4150
Bottom Recorder Depth (Outside) 3227 ft. Recorder Number 13766 Cap. 4275
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor Allen Drilling Rig #3 Drill Collar Length _____ I.D. _____ in.
Mud Type Chemical Viscosity 46 Weight Pipe Length _____ I.D. _____ in.
Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 3197 I.D. 3.25 in.
Chlorides 1,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make --- Serial Number _____ Anchor Length 9 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Weak blow building to a good blow Initial Flow Period. 1" to 9"
Weak blow throughout Final Flow Period.

Recovered 60 ft. of Gas in pipe.
Recovered 2 ft. of Clean oil.
Recovered 60 ft. of Oil specked muddy water.
Recovered 480 ft. of Salt water.
Recovered _____ ft. of _____
Remarks: DST Fluid Chlorides 43,000 PPM

Time Set Packer (s) <u>2:15</u>	A.M. P.M. XXX	Time Started Off Bottom <u>6:15</u>	A.M. P.M. XXX	Maximum Temperature <u>113°</u>
Initial Hydrostatic Pressure	(A)	<u>1609</u>	P.S.I.	
Initial Flow Period	Minutes <u>60</u>	(B) <u>26</u>	P.S.I.	to
		(C) <u>155</u>	P.S.I.	
Initial Closed In Period	Minutes <u>60</u>	(D) <u>884</u>	P.S.I.	
Final Flow Period	Minutes <u>60</u>	(E) <u>179</u>	P.S.I.	to
		(F) <u>272</u>	P.S.I.	
Final Closed In Period	Minutes <u>60</u>	(G) <u>884</u>	P.S.I.	
Final Hydrostatic Pressure	(H)	<u>1603</u>	P.S.I.	

RICKETTS TESTING

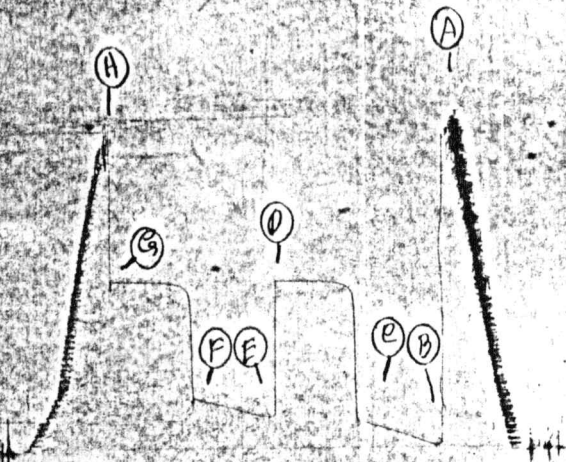
Pressure Data

Date 11-13-87 Test Ticket No. 871
 Recorder No. 13765 Capacity 4150 Location 3224 Ft.
 Clock No. _____ Elevation 1432 K.B. Well Temperature 113 °F
 Point _____ Pressure _____ Time Given _____ Time Computed _____
 A Initial Hydrostatic Mud 1609 P.S.I. Open Tool 2:15 A M
 B First Initial Flow Pressure 26 P.S.I. First Flow Pressure 60 Mins. 60 Mins.
 C First Final Flow Pressure 155 P.S.I. Initial Closed-in Pressure 60 Mins. 60 Mins.
 D Initial Closed-in Pressure 884 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E Second Initial Flow Pressure 179 P.S.I. Final Closed-in Pressure 60 Mins. 60 Mins.
 F Second Final Flow Pressure 272 P.S.I.
 G Final Closed-in Pressure 884 P.S.I.
 H Final Hydrostatic Mud 1603 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	26	0	155	0	179	0	272
P 2 5	26	3	437	5	179	3	654
P 3 10	35	6	817	10	185	6	730
P 4 15	49	9	848	15	193	9	854
P 5 20	60	12	863	20	204	12	869
P 6 25	76	15	868	25	211	15	872
P 7 30	86	18	871	30	220	18	877
P 8 35	98	21	875	35	230	21	879
P 9 40	110	24	877	40	239	24	881
P 10 45	120	27	879	45	247	27	881
P 11 50	131	30	880	50	257	30	882
P 12 55	141	33	881	55	266	33	882
P 13 60	155	36	882	60	272	36	883
P 14 65		39	882	65		39	883
P 15 70		42	883	70		42	883
P 16 75		45	883	75		45	884
P 17 80		48	884	80		48	884
P 18 85		51	884	85		51	884
P 19 90		54	884	90		54	884
P 20 95		57	884			57	884
		60	884			60	884

DST#3 7K# 871



13765



Ricketts Testing

Company Source Petroleum Lease & Well No. Ediger #A-1
Elevation 1432 K.B. Formation Hunton Effective Pay _____ ft. Ticket No. 872
Date 11-14-87 Sec. 21 Twp. 22 Range 3W County Harvey State Kansas
Test Approved by John D. Howard, Jr. Ricketts Representative Dan Delaney
Formation Test No. 4 Interval Tested from 3546 ft. to 3580 ft. Total Depth 3580 ft.
Packer Depth 3546 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3543 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3551 ft. Recorder Number 13766 Cap. 4275
Bottom Recorder Depth (Outside) 3554 ft. Recorder Number 13765 Cap. 4150
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor Allen Drilling Rig #3 Drill Collar Length _____ I.D. _____ in.
Mud Type Chemical Viscosity 44 Weight Pipe Length _____ I.D. _____ in.
Weight 9.4 Water Loss 10.4 cc. Drill Pipe Length 3519 I.D. 3.25 in.
Chlorides 1,800 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
Jars: Make Dowing Serial Number 404 Anchor Length 34 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x h in.

Blow: Fair blow building to a strong blow in 2 1/2 minutes Initial Flow Period.
Fair blow building to a strong blow in 2 1/2 minutes Final Flow Period.

Recovered 625 ft. of Gas in pipe.
Recovered 40 ft. of Clean gassy oil.
Recovered 115 ft. of Oil & gas cut muddy water. 13% Oil 15% Gas 37T Mud 35% Water
Recovered 180 ft. of Oil & gas cut water. 7% Oil 5% Gas 88% Water
Recovered 360 ft. of Salt water.

Remarks: DST Fluid Chlorides 71,000 PPM

Time Set Packer (s) 7:20 ~~XXX~~ P.M. Time Started Off Bottom 9:20 ~~XXX~~ P.M. Maximum Temperature 121°
Initial Hydrostatic Pressure (A) 1786 P.S.I.
Initial Flow Period Minutes 15 (B) 70 P.S.I. to
(C) 189 P.S.I.
Initial Closed In Period Minutes 45 (D) 832 P.S.I.
Final Flow Period Minutes 15 (E) 229 P.S.I. to
(F) 319 P.S.I.
Final Closed In Period Minutes 45 (G) 829 P.S.I.
Final Hydrostatic Pressure (H) 1779 P.S.I.

RICKETTS TESTING

Pressure Data

Date 11-14-87 Test Ticket No. 872
 Recorder No. 13765 Capacity 4150 Location 3554 Ft.
 Clock No. Elevation 1432 K.B. Well Temperature 121 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 1786 P.S.I. Open Tool 7:20 P M
 B First Initial Flow Pressure 70 P.S.I. First Flow Pressure 15 Mins. 15 Mins.
 C First Final Flow Pressure 189 P.S.I. Initial Closed-in Pressure 45 Mins. 45 Mins.
 D Initial Closed-in Pressure 832 P.S.I. Second Flow Pressure 15 Mins. 15 Mins.
 E Second Initial Flow Pressure 229 P.S.I. Final Closed-in Pressure 45 Mins. 45 Mins.
 F Second Final Flow Pressure 319 P.S.I.
 G Final Closed-in Pressure 829 P.S.I.
 H Final Hydrostatic Mud 1779 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>4</u> Inc.		Breakdown: <u>15</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u></u> Min.		final inc. of <u></u> Min.		final inc. of <u></u> Min.		final inc. of <u></u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>70</u>	<u>0</u>	<u>191</u>	<u>0</u>	<u>229</u>	<u>0</u>	<u>319</u>
P 2 <u>5</u>	<u>87</u>	<u>3</u>	<u>791</u>	<u>5</u>	<u>239</u>	<u>3</u>	<u>793</u>
P 3 <u>10</u>	<u>143</u>	<u>6</u>	<u>807</u>	<u>10</u>	<u>283</u>	<u>6</u>	<u>807</u>
P 4 <u>15</u>	<u>189</u>	<u>9</u>	<u>815</u>	<u>15</u>	<u>319</u>	<u>9</u>	<u>815</u>
P 5 <u>20</u>	<u>191</u>	<u>12</u>	<u>820</u>	<u>20</u>		<u>12</u>	<u>819</u>
P 6 <u>25</u>		<u>15</u>	<u>823</u>	<u>25</u>		<u>15</u>	<u>822</u>
P 7 <u>30</u>		<u>18</u>	<u>825</u>	<u>30</u>		<u>18</u>	<u>825</u>
P 8 <u>35</u>		<u>21</u>	<u>827</u>	<u>35</u>		<u>21</u>	<u>826</u>
P 9 <u>40</u>		<u>24</u>	<u>829</u>	<u>40</u>		<u>24</u>	<u>827</u>
P 10 <u>45</u>		<u>27</u>	<u>831</u>	<u>45</u>		<u>27</u>	<u>828</u>
P 11 <u>50</u>		<u>30</u>	<u>832</u>	<u>50</u>		<u>30</u>	<u>829</u>
P 12 <u>55</u>		<u>33</u>	<u>832</u>	<u>55</u>		<u>33</u>	<u>829</u>
P 13 <u>60</u>		<u>36</u>	<u>832</u>	<u>60</u>		<u>36</u>	<u>829</u>
P 14 <u>65</u>		<u>39</u>	<u>832</u>	<u>65</u>		<u>39</u>	<u>829</u>
P 15 <u>70</u>		<u>42</u>	<u>832</u>	<u>70</u>		<u>42</u>	<u>829</u>
P 16 <u>75</u>		<u>45</u>	<u>832</u>	<u>75</u>		<u>45</u>	<u>829</u>
P 17 <u>80</u>		<u>48</u>		<u>80</u>		<u>48</u>	
P 18 <u>85</u>		<u>51</u>		<u>85</u>		<u>51</u>	
P 19 <u>90</u>		<u>54</u>		<u>90</u>		<u>54</u>	
P 20 <u>95</u>		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

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