



Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company American Energies Corporation Lease & Well No. Snyder #1
 Elevation --- Formation Snydersville Effective Pay --- Ft. Ticker No. 13688
 Date 6/15/82 Sec. 21 Twp. 32S Range 12W County Barber State Kansas
 Test Approved by Jerry J. Knobel Western Representative Jeff Piotrowski
 Formation Test No. 1 Interval Tested from 3636 ft. to 3722 ft. Total Depth 3722 ft.
 Packer Depth 3631 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3636 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3639 ft. Recorder Number 1565 Cap. 4900
 Bottom Recorder Depth (Outside) 3642 ft. Recorder Number 1560 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor H-30 Drlg. Rig #3 Drill Collar Length 120 I. D. 2.2 in.
 Mud Type chemical Viscosity 38 Weight Pipe Length - I. D. - in.
 Weight 9.0 Water Loss 22.0 cc. Drill Pipe Length 3494 I. D. 3.8 in.
 Chlorides 15,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 86 ft. Size 5 1/2 OD 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 XH in.

Blow: Weak ; died in twelve minutes on initial flow period. No blow on final flow period.

Recovered 5 ft. of mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s)	8:25	A.M. P.M.	Time Started Off Bottom	10:25	A.M. P.M.	Maximum Temperature	110°
Initial Hydrostatic Pressure			(A)	1837	P.S.I.		
Initial Flow Period			Minutes	30	(B)	P.S.I. to (C)	19 P.S.I.
Initial Closed In Period			Minutes	30	(D)	P.S.I.	
Final Flow Period			Minutes	30	(E)	P.S.I. to (F)	27 P.S.I.
Final Closed In Period			Minutes	30	(G)	P.S.I.	
Final Hydrostatic Pressure			(H)	1760	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 6/15/82

Test Ticket No. 13688

Recorder No. 1565 Capacity 4900 Location 3639 Ft.

Clock No. -- Elevation --- Well Temperature 110 °F

Point	Pressure			Time	
				Given	Computed
A. Initial Hydrostatic Mud	1837	P.S.I.	Open Tool	8:25P	M
B. First Initial Flow Pressure	19	P.S.I.	First Flow Pressure	30	30
C. First Final Flow Pressure	19	P.S.I.	Initial Closed-in Pressure	30	30
D. Initial Closed-in Pressure	32	P.S.I.	Second Flow Pressure	30	30
E. Second Initial Flow Pressure	27	P.S.I.	Final Closed-in Pressure	30	30
F. Second Final Flow Pressure	27	P.S.I.			
G. Final Closed-in Pressure	30	P.S.I.			
H. Final Hydrostatic Mud	1760	P.S.I.			

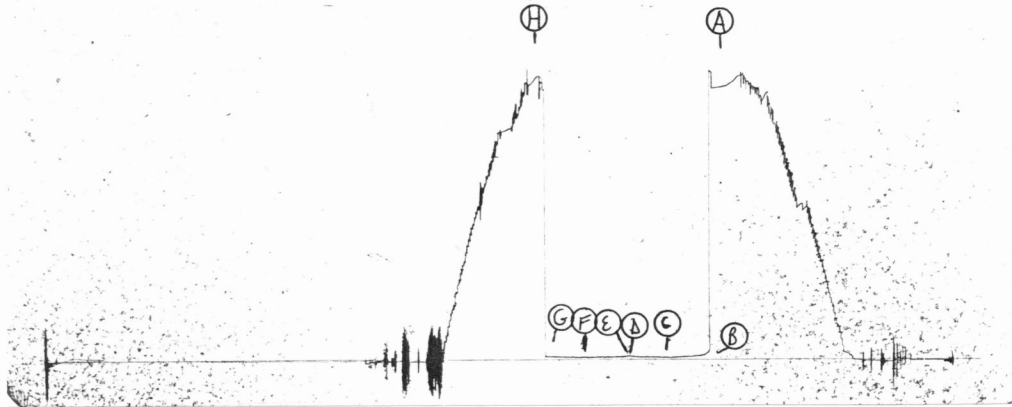
PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1	19	0	19	0	27	0	27	0
P 2	19	3	19	3	27	5	27	3
P 3	19	6	19	6	27	10	27	6
P 4	19	9	20	9	27	15	27	9
P 5	19	12	21	12	27	20	27	12
P 6	19	15	22	15	27	25	27	15
P 7	19	18	24	18	27	30	27	18
P 8		21	26	21				21
P 9		24	28	24				24
P10		27	30	27				27
P11		30	32	30				30
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

1565
DST #

TRT # 13688

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This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1729	1837	PSI
(B) First Initial Flow Pressure	24	19	PSI
(C) First Final Flow Pressure	24	19	PSI
(D) Initial Closed-in Pressure	24	32	PSI
(E) Second Initial Flow Pressure	24	27	PSI
(F) Second Final Flow Pressure	24	27	PSI
(G) Final Closed-in Pressure	24	30	PSI
(H) Final Hydrostatic Mud	1729	1760	PSI



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P.O. Box 1599

(316) 262-5861

Company American Energies Corporation Lease & Well No. #1 Snyder
 Elevation 1599 Kelly Bushing Formation Mississippi Chert Effective Pay - Ft. Ticker No. 15245
 Date 6/18/82 Sec. 21 Twp. 32S Range 12W County Barber State Kansas
 Test Approved by Jerry J. Knobel Western Representative Karl Leo West, Jr.

Formation Test No. 2 Interval Tested from 4397 ft. to 4416 ft. Total Depth 4416 ft.
 Packer Depth 4392 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4397 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4403 ft. Recorder Number 5673 Cap. 5400
 Bottom Recorder Depth (Outside) 4406 ft. Recorder Number 15640 Cap. 6600
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor H-30 Drlg. Rig #3 Drill Collar Length 312 I. D. 2.26 in.
 Mud Type chem-driscopac Viscosity 46 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 12.0 cc. Drill Pipe Length 4092 I. D. 3.8 in.
 Chlorides 14,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 19 ft. Size 5 1/2 OD 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 XH in.

Blow: Initial flow period weak (one half inch under water) built to fair (three inches under water) decreasing to two and one half inches under water. Strong (ten inches under water) decreasing to eight inches under water on final flow period.

Recovered 200 ft. of weak gas in pipe
 Recovered 20 ft. of mud (very slightly rainbow)
 Recovered 50 ft. of oil cut mud 6% oil; 5% gas; 89% mud
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 7:10 ~~AM~~ P.M. Time Started Off Bottom 10:55 ~~AM~~ P.M. Maximum Temperature 121°
 Initial Hydrostatic Pressure (A) 2151 P.S.I.
 Initial Flow Period Minutes 30 (B) 38 P.S.I. to (C) 46 P.S.I.
 Initial Closed In Period Minutes 57 (D) 349 P.S.I.
 Final Flow Period Minutes 45 (E) 54 P.S.I. to (F) 56 P.S.I.
 Final Closed In Period Minutes 81 (G) 488 P.S.I.
 Final Hydrostatic Pressure (H) 2144 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 6/18/82 Test Ticket No. 15245
 Recorder No. 5673 Capacity 5400 Location 4403 Ft.
 Clock No. --- Elevation 1599 Kelly Bushing Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2151	P.S.I.	7:10P	M
B First Initial Flow Pressure	38	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	46	P.S.I.	60	Mins. 57 Mins.
D Initial Closed-in Pressure	349	P.S.I.	45	Mins. 45 Mins.
E Second Initial Flow Pressure	54	P.S.I.	90	Mins. 81 Mins.
F Second Final Flow Pressure	56	P.S.I.		
G Final Closed-in Pressure	488	P.S.I.		
H Final Hydrostatic Mud	2144	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of 5 mins. and a final inc. of 0 Min.		of 3 mins. and a final inc. of 0 Min.		of 5 mins. and a final inc. of 0 Min.		of 3 mins. and a final inc. of 0 Min.	
P 1	0	38	0	46	0	54	0	56
P 2	5	38	3	49	5	54	3	77
P 3	10	38	6	55	10	54	6	87
P 4	15	38	9	68	15	54	9	103
P 5	20	43	12	82	20	54	12	114
P 6	25	44	15	97	25	54	15	128
P 7	30	46	18	112	30	54	18	141
P 8			21	128	35	54	21	156
P 9			24	148	40	55	24	168
P10			27	163	45	56	27	183
P11			30	180			30	201
P12			33	199			33	215
P13			36	221			36	232
P14			39	239			39	246
P15			42	257			42	262
P16			45	275			45	278
P17			48	292			48	292
P18			51	319			51	309
P19			54	341			54	324
P20			57	349			57	343
							60	360

WESTERN TESTING CO., INC.
Pressure Data

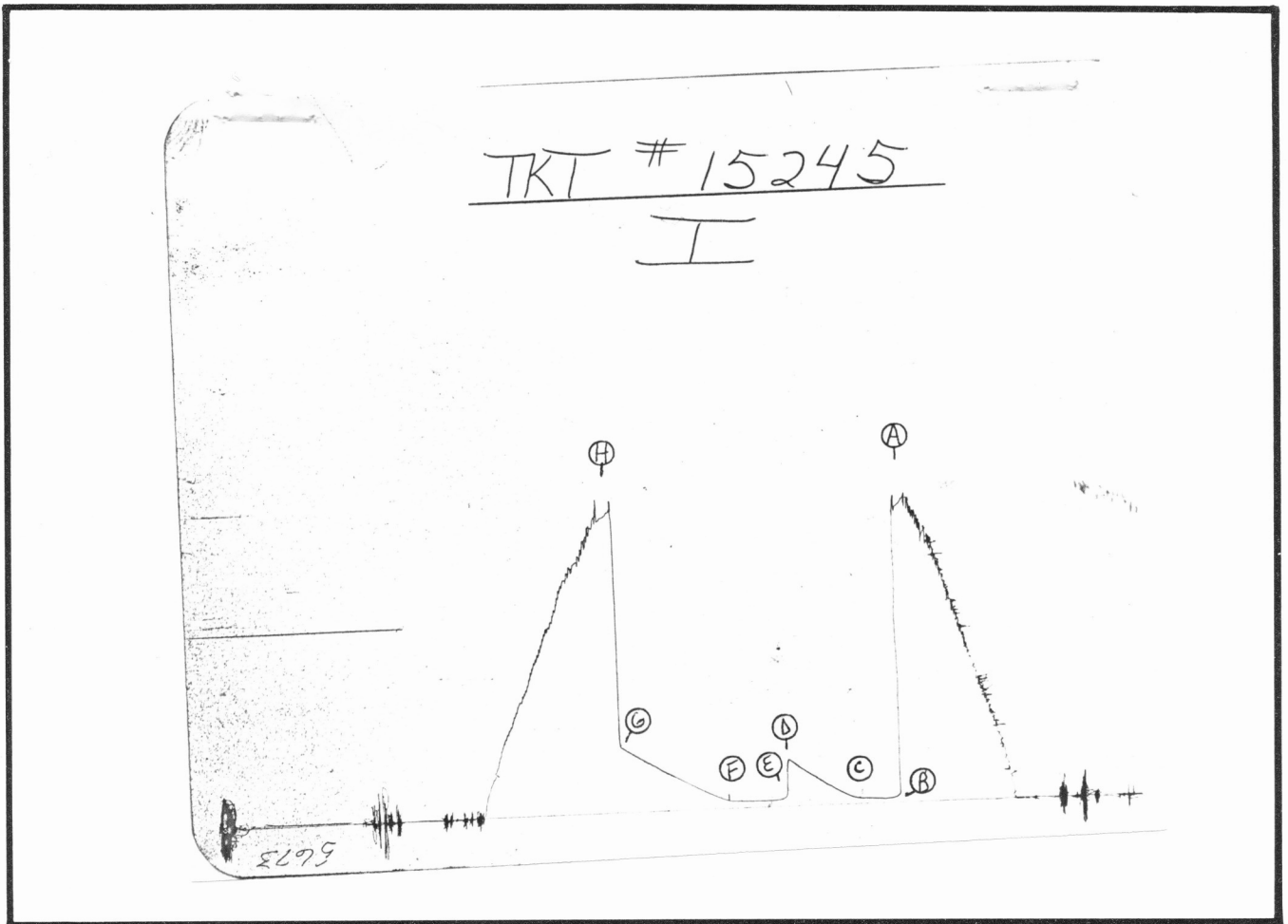
Date 6/18/82 Test Ticket No. 15245
 Recorder No. 5673 Capacity 5400 Location 4403 Ft.
 Clock No. --- Elevation 1599 Kelly Bushing Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2151</u> P.S.I.	Open Tool	<u>7:10P</u> M	
B First Initial Flow Pressure	<u>38</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>46</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>349</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>54</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>81</u> Mins.
F Second Final Flow Pressure	<u>56</u> P.S.I.			
G Final Closed-in Pressure	<u>488</u> P.S.I.			
H Final Hydrostatic Mud	<u>2144</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>19</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>27</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	376
P 2						66	392
P 3						69	412
P 4						72	429
P 5						75	447
P 6						78	462
P 7						81	488
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2186	2151	PSI
(B) First Initial Flow Pressure	27	38	PSI
(C) First Final Flow Pressure	54	46	PSI
(D) Initial Closed-in Pressure	327	349	PSI
(E) Second Initial Flow Pressure	54	54	PSI
(F) Second Final Flow Pressure	54	56	PSI
(G) Final Closed-in Pressure	464	488	PSI
(H) Final Hydrostatic Mud	2159	2144	PSI



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Company American Energies Corporation Lease & Well No. Snyder #1
 Elevation ---- Formation Simpson Sand Effective Pay -- Ft. Ticket No. 15285
 Date 6/22/82 Sec. 21 Twp. 32S Range 12W County Barber State Kansas
 Test Approved by Jerry J. Knobel Western Representative Jim Wondra

Formation Test No. 4 Interval Tested from 4746 ft. to 4801 ft. Total Depth 4801 ft.
 Packer Depth 4741 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4746 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4758 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4761 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

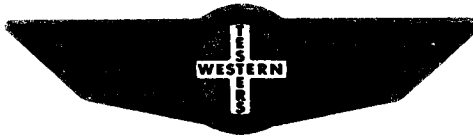
Drilling Contractor H-30 Drlg. Rig #3 Drill Collar Length 155 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 42 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 12.0 cc. Drill Pipe Length 4567 I. D. 3.8 in.
 Chlorides 16,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 55 ft. Size 5 1/2 OD in.
 Did Well Flow? Yes Reversed Out Yes 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 FH in.

Blow: Strong blow throughout flow periods. Gas to surface in sixteen minutes on pre-flow.
See attached sheet for gas measurements.

Recovered 2850 ft. of clean gassy oil (38 gravity)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 5:40 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 9:25 ~~P.M.~~ ^{A.M.} Maximum Temperature 127°
 Initial Hydrostatic Pressure 2426 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 250 P.S.I. to (C) 482 P.S.I.
 Initial Closed In Period 60 Minutes (D) 1000 P.S.I.
 Final Flow Period 45 Minutes (E) 625 P.S.I. to (F) 766 P.S.I.
 Final Closed In Period 96 Minutes (G) 1001 P.S.I.
 Final Hydrostatic Pressure 2386 P.S.I. (H)



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GAS FLOW REPORT

Date 6/22/82 Ticket 15285 Company American Energies Corporation
 Well Name and No. Snyder #1 Dst No. 4 Interval Tested 4746'-4801'
 County Barber State Kansas Sec. 21 Twp. 32S Rg. 12W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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Gas to surface in sixteen mintues. PRE FLOW

20 min.	5" of water	1/2" orifice			14,100 CFPD
30 min.	5" of water	1/2" orifice			14,100 CFPD

SECOND FLOW

5 min.	5" of water	1/2" orifice			14,100 CFPD
15 min.	5" of water	1/2" orifice			14,100 CFPD
25 min.	4" of water	1/2" orifice			12,500 CFPD
35 min.	3" of water	1/2" orifice			10,900 CFPD
45 min.	3" of water	1/2" orifice			10,900 CFPD

GAS BOTTLE

Serial No. ---- Date Bottle Filled --- Date to be Invoiced 6/22/82

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME American Energies Corporation
 Authorized by Jerry J. Knobel

WESTERN TESTING CO., INC.
Pressure Data

Date 6/22/82 Test Ticket No. 15285
 Recorder No. 2607 Capacity 4150 Location 4758 Ft.
 Clock No. -- Elevation --- Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2426</u> P.S.I.	Open Tool	<u>5:40A</u> M	
B First Initial Flow Pressure	<u>250</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>482</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1000</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>625</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>96</u> Mins.
F Second Final Flow Pressure	<u>766</u> P.S.I.			
G Final Closed-in Pressure	<u>1001</u> P.S.I.			
H Final Hydrostatic Mud	<u>2386</u> P.S.I.			

PRESSURE BREAKDOWN

Point	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <u>6</u> mins. and a		of <u>20</u> mins. and a		of <u>9</u> mins. and a		of <u>32</u> mins. and a	
	final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point	Min.	Press.	Point	Min.	Press.	Point	Min.	Press.
P 1	<u>0</u>	<u>250</u>		<u>0</u>	<u>482</u>		<u>0</u>	<u>766</u>
P 2	<u>5</u>	<u>250</u>		<u>3</u>	<u>877</u>		<u>3</u>	<u>933</u>
P 3	<u>10</u>	<u>272</u>		<u>6</u>	<u>914</u>		<u>6</u>	<u>954</u>
P 4	<u>15</u>	<u>324</u>		<u>9</u>	<u>933</u>		<u>9</u>	<u>962</u>
P 5	<u>20</u>	<u>381</u>		<u>12</u>	<u>948</u>		<u>12</u>	<u>971</u>
P 6	<u>25</u>	<u>439</u>		<u>15</u>	<u>956</u>		<u>15</u>	<u>975</u>
P 7	<u>30</u>	<u>482</u>		<u>18</u>	<u>964</u>		<u>18</u>	<u>979</u>
P 8				<u>21</u>	<u>972</u>		<u>21</u>	<u>982</u>
P 9				<u>24</u>	<u>976</u>		<u>24</u>	<u>984</u>
P10				<u>27</u>	<u>980</u>		<u>27</u>	<u>986</u>
P11				<u>30</u>	<u>983</u>		<u>30</u>	<u>988</u>
P12				<u>33</u>	<u>986</u>		<u>33</u>	<u>990</u>
P13				<u>36</u>	<u>988</u>		<u>36</u>	<u>991</u>
P14				<u>39</u>	<u>990</u>		<u>39</u>	<u>992</u>
P15				<u>42</u>	<u>992</u>		<u>42</u>	<u>993</u>
P16				<u>45</u>	<u>994</u>		<u>45</u>	<u>994</u>
P17				<u>48</u>	<u>996</u>		<u>48</u>	<u>995</u>
P18				<u>51</u>	<u>997</u>		<u>51</u>	<u>996</u>
P19				<u>54</u>	<u>998</u>		<u>54</u>	<u>997</u>
P20				<u>57</u>	<u>999</u>		<u>57</u>	<u>998</u>
				<u>60</u>	<u>1000</u>		<u>60</u>	<u>999</u>

WESTERN TESTING CO., INC.
Pressure Data

Date 6/22/82

Test Ticket No. 15285

Recorder No. 2607

Capacity 4150 Location 4758 Ft.

Clock No. --

Elevation ---

Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>2426</u> P.S.I.	Open Tool	<u>5:40A</u> M	
B First Initial Flow Pressure	<u>250</u> P.S.I.	First Flow Pressure	<u>30</u> Mins	<u>30</u> Mins
C First Final Flow Pressure	<u>482</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins	<u>60</u> Mins
D Initial Closed-in Pressure	<u>1000</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins	<u>45</u> Mins
E Second Initial Flow Pressure	<u>625</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins	<u>96</u> Mins
F Second Final Flow Pressure	<u>766</u> P.S.I.			
G Final Closed-in Pressure	<u>1001</u> P.S.I.			
H Final Hydrostatic Mud	<u>2386</u> P.S.I.			

PRESSURE BREAKDOWN

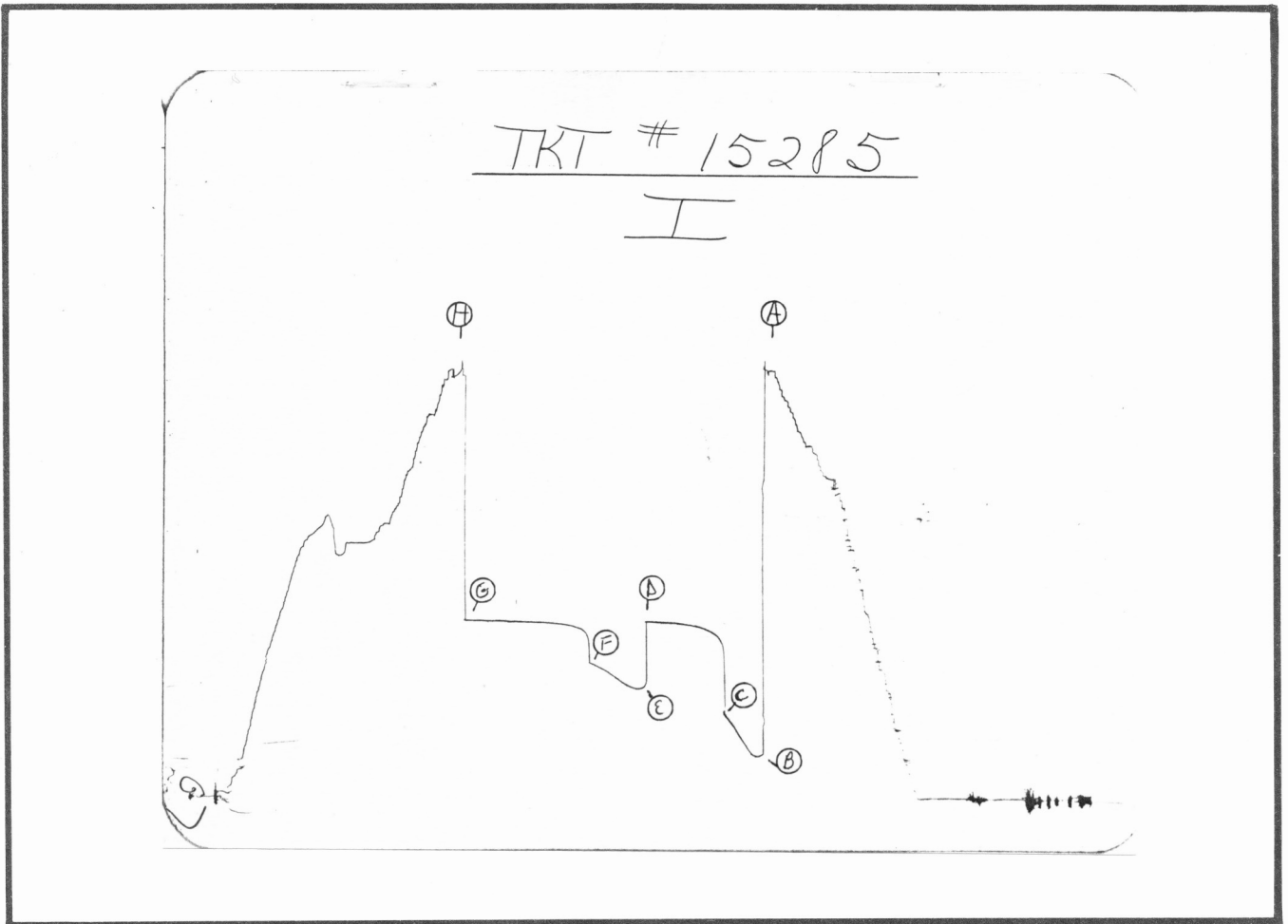
First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 32 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	999
P 2						66	999
P 3						69	999
P 4						72	999
P 5						75	999
P 6						78	1000
P 7						81	1001
P 8						84	1001
P 9						87	1001
P 10						90	1001
P 11						93	1001
P 12						96	1001
P 13							
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2426	2426	PSI
(B) First Initial Flow Pressure	243	250	PSI
(C) First Final Flow Pressure	476	482	PSI
(D) Initial Closed-in Pressure	987	1000	PSI
(E) Second Initial Flow Pressure	622	625	PSI
(F) Second Final Flow Pressure	757	766	PSI
(G) Final Closed-in Pressure	987	1001	PSI
(H) Final Hydrostatic Mud	2405	2386	PSI

NOMENCLATURE

b	== Approximate Radius of Investigation	Feet
b¹	== Approximate Radius of Investigation (Net Pay Zone h ¹)	Feet
D.R.	== Damage Ratio	_____
EI	== Elevation	Feet
GD	== B.T. Gauge Depth (From Surface Reference)	Feet
h	== Interval Tested	Feet
h¹	== Net Pay Thickness	Feet
K	== Permeability	md
K¹	== Permeability (From Net Pay Zone h ¹)	md
m	== Slope Extrapolated Pressure Plot (Psi ² /cycle Gas)	psi/cycle
OF¹	== Maximum Indicated Flow Rate	MCF/D
OF²	== Minimum Indicated Flow Rate	MCF/D
OF³	== Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
OF⁴	== Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
P^S	== Extrapolated Static Pressure	Psig.
P^F	== Final Flow Pressure	Psig.
P^{DT}	== Potentiometric Surface (Fresh Water*)	Feet
Q	== Average Adjusted Production Rate During Test	bbls/day
Q¹	== Theoretical Production w/Damage Removed	bbls/day
Q^g	== Measured Gas Production Rate	MCF/D
R	== Corrected Recovery	bbls
r^w	== Radius of Well Bore	Feet
t	== Flow Time	Minutes
t^o	== Total Flow Time	Minutes
T	== Temperature Rankine	°R
Z	== Compressibility Factor	_____
u	== Viscosity Gas or Liquid	CP
Log	== Common Log	

* Potentiometric Surface Reference to Rotary Table When Elevation Not Given, Fresh Water Corrected to 100° F.