



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

Company Kan-Tex Energy Company, Inc. Lease & Well No. Smith-Hon #1
Elevation 2075 Ground Level Formation - Effective Pay - Ft. Ticket No. 14213
Date 11/24/81 Sec. 2 Twp. 25S Range 16W County Edwards State Kansas
Test Approved by Toby Elster Western Representative Richard Howell

Formation Test No. 1 Interval Tested from 2315 ft. to 2342 ft. Total Depth 2342 ft.

Packer Depth 2310 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2315 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2323 ft. Recorder Number 13402 Cap. 4025

Bottom Recorder Depth (Outside) - ft. Recorder Number - Cap. -

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

Drilling Contractor Husky Drlg. Rig #2 Drill Collar Length 372 I. D. 2.2 in.

Mud Type premix Viscosity 32 Weight Pipe Length 310 I. D. 3.2 in.

Weight 9.6 Water Loss 90.4 cc. Drill Pipe Length 1613 I. D. 3.8 in.

Chlorides 55,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 27 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: Initial flow - no blow. Final flow - strong decreasing to good.

Recovered 76 ft. of watery mud

Recovered 62 ft. of muddy water

Recovered 62 ft. of gas cut muddy water

Recovered - ft. of Chlorides 160,000 ppm

Recovered - ft. of -

Remarks: Flushed tool twice on initial opening.

Time Set Packer(s) 12:35 ~~AM~~ P.M. Time Started Off Bottom 2:20 ~~AM~~ P.M. Maximum Temperature 104°

Initial Hydrostatic Pressure (A) 1151 P.S.I.

Initial Flow Period Minutes 15 (B) 59 P.S.I. to (C) 71 P.S.I.

Initial Closed In Period Minutes 15 (D) 554 P.S.I.

Final Flow Period Minutes 45 (E) 91 P.S.I. to (F) 114 P.S.I.

Final Closed In Period Minutes 30 (G) 536 P.S.I.

Final Hydrostatic Pressure (H) 1125 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 11/24/81 Recorder No. 13402 Capacity 4025 Test Ticket No. 14213
 Clock No. - Elevation 2075 Ground Level Location 2323 Ft. 104
 Well Temperature 104 °F

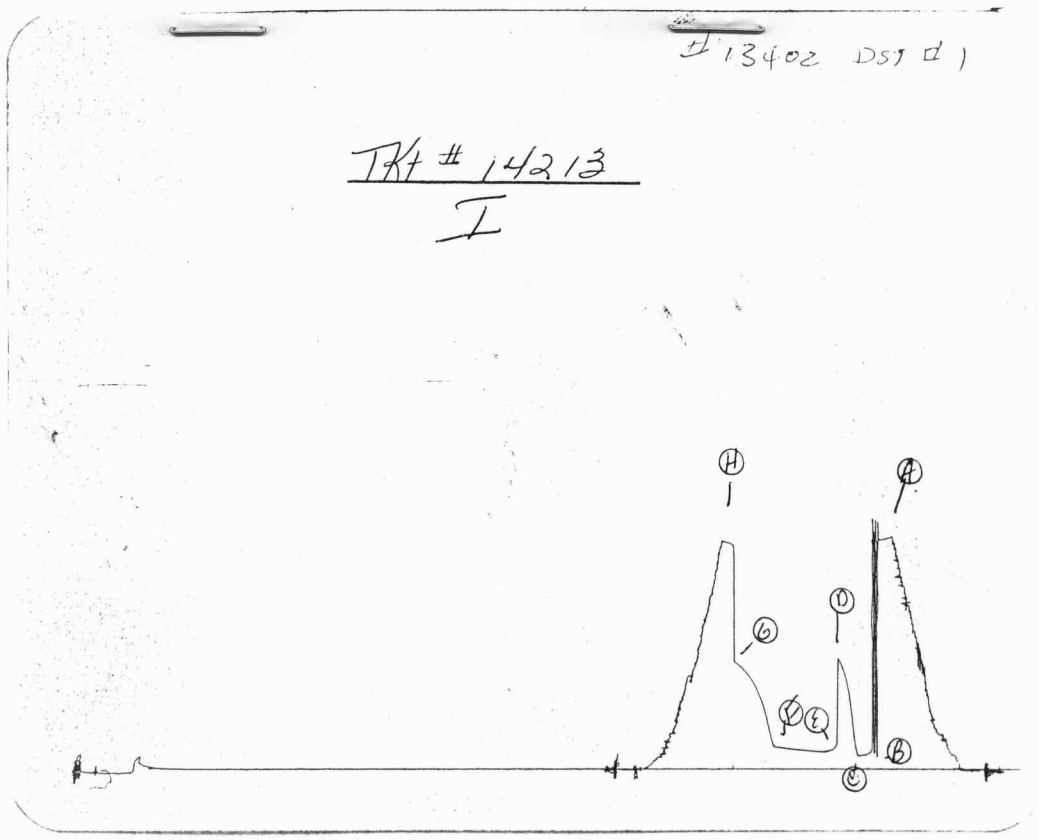
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1151 P.S.I.	12:55P	M
B First Initial Flow Pressure	59 P.S.I.	15 Mins.	15 Mins.
C First Final Flow Pressure	71 P.S.I.	15 Mins.	15 Mins.
D Initial Closed-in Pressure	554 P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	91 P.S.I.	30 Mins.	30 Mins.
F Second Final Flow Pressure	114 P.S.I.		
G Final Closed-in Pressure	536 P.S.I.		
H Final Hydrostatic Mud	1125 P.S.I.		

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

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>5</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>10</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>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 Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	59	0	71	0	91	0	114
P 2 <u>5</u>	98	3	199	5	91	3	175
P 3 <u>10</u>	73	6	366	10	91	6	258
P 4 <u>15</u>	71	9	465	15	93	9	327
P 5		12	526	20	95	12	376
P 6		15	554	25	98	15	420
P 7				30	100	18	452
P 8				35	104	21	481
P 9				40	110	24	507
P10				45	114	27	524
P11						30	536
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

2 flushed tools



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1135	1151	PSI
(B) First Initial Flow Pressure	78	59	PSI
(C) First Final Flow Pressure	59	71	PSI
(D) Initial Closed-in Pressure	551	554	PSI
(E) Second Initial Flow Pressure	98	91	PSI
(F) Second Final Flow Pressure	108	114	PSI
(G) Final Closed-in Pressure	531	536	PSI
(H) Final Hydrostatic Mud	1125	1125	PSI



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Company Kan-Tex Energy Company, Inc. Lease & Well No. Smith-Hon #1
Elevation 2075 Ground Level Formation Howard Effective Pay - Ft. Ticket No. 14214
Date 11/26/81 Sec. 2 Twp. 25S Range 16W County Edwards State Kansas
Test Approved by Toby Elster Western Representative Richard Howell

Formation Test No. 2 Interval Tested from 3204 ft. to 3214 ft. Total Depth 3214 ft.

Packer Depth 3199 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3204 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3207 ft. Recorder Number 13402 Cap. 4025

Bottom Recorder Depth (Outside) 3210 ft. Recorder Number 13267 Cap. 4050

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

Drilling Contractor Husky Rig #2 Drill Collar Length 372 I. D. 2.2 in.

Mud Type Premix Viscosity 33 Weight Pipe Length 310 I. D. 3.2 in.

Weight 9.5 Water Loss 68.4 cc. Drill Pipe Length 2502 I. D. 3.8 in.

Chlorides 30,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 10 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:

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Hit bridge at 3000 ft. could not get through.

MISRUN - NO PRESSURES AVAILABLE

Time Set Packer(s) - A.M. P.M. Time Started Off Bottom 9:00 A.M. P.M. Maximum Temperature -

Initial Hydrostatic Pressure (A) - P.S.I.

Initial Flow Period Minutes - (B) - P.S.I. to (C) - P.S.I.

Initial Closed In Period Minutes - (D) - P.S.I.

Final Flow Period Minutes - (E) - P.S.I. to (F) - P.S.I.

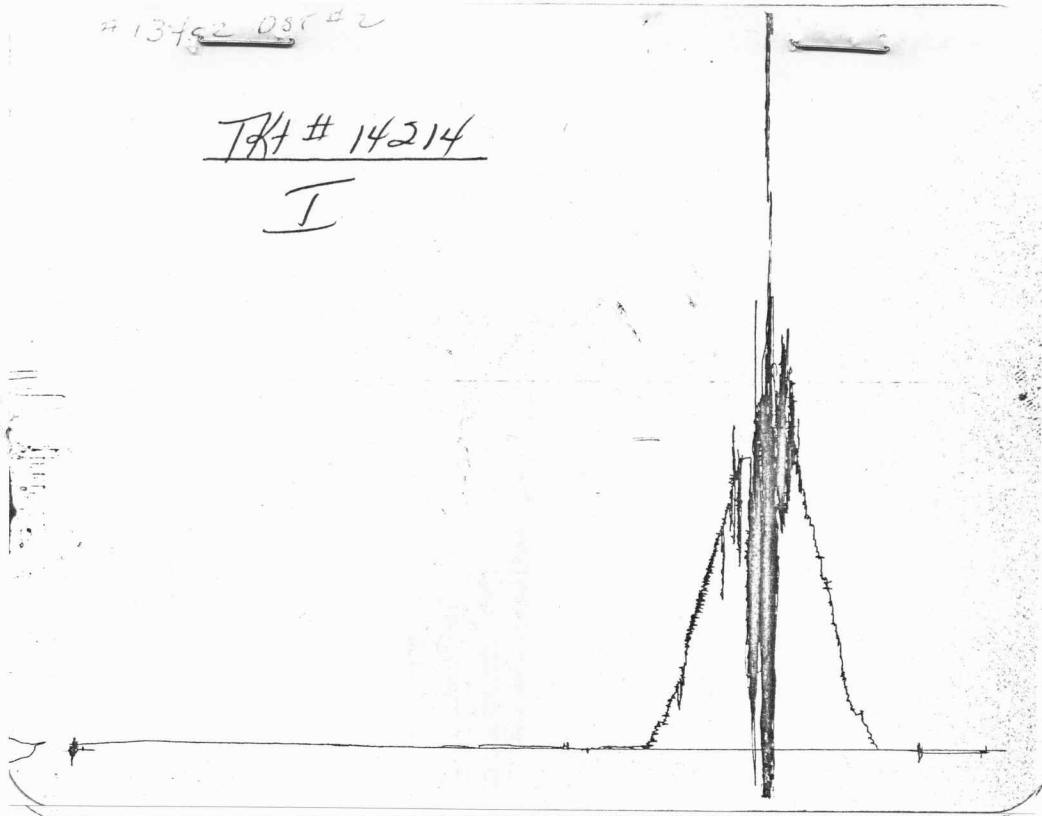
Final Closed In Period Minutes - (G) - P.S.I.

Final Hydrostatic Pressure (H) - P.S.I.

#13482 OST #2

TKT # 14214

I



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	MISRUN * NO PRESSURES AVAILABLE	
(B) First Initial Flow Pressure		PSI
(C) First Final Flow Pressure		PSI
(D) Initial Closed-in Pressure		PSI
(E) Second Initial Flow Pressure		PSI
(F) Second Final Flow Pressure		PSI
(G) Final Closed-in Pressure		PSI
(H) Final Hydrostatic Mud		PSI



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Company Kan-Tex Energy Company, Inc. Lease & Well No. Smith-Hon #1
Elevation 2075 Ground Level Formation Howard Effective Pay - Ft. Ticket No. 14215
Date 11/26/81 Sec. 2 Twp. 25S Range 16W County Edwards State Kansas
Test Approved by Toby Elster Western Representative Richard Howell

Formation Test No. 3 Interval Tested from 3204 ft. to 3214 ft. Total Depth 3214 ft.

Packer Depth 3199 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3204 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3207 ft. Recorder Number 13402 Cap. 4025

Bottom Recorder Depth (Outside) 3210 ft. Recorder Number 13267 Cap. 4050

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

Drilling Contractor Husky Rig #2 Drill Collar Length 372 I. D. 2.2 in.

Mud Type Premix Viscosity 35 Weight Pipe Length 310 I. D. 3.2 in.

Weight 9.4 Water Loss 68.4 cc. Drill Pipe Length 2502 I. D. 3.8 in.

Chlorides 25,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 10 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: Initial flow period fair building to strong in 12 minutes - decreased after 20 minutes.
Final flow period fair building to good.

Recovered 124 ft. of watery mud

Recovered 372 ft. of muddy water

Recovered 356 ft. of slightly gas cut water

Recovered - ft. of Chlorides 40,000 PPM

Recovered - ft. of -

Remarks: -

Slid tool 4 ft.

Time Set Packer(s) 5:25 A.M. P.M. Time Started Off Bottom 8:55 A.M. P.M. Maximum Temperature 113

Initial Hydrostatic Pressure (A) 1664 P.S.I.

Initial Flow Period Minutes 60 (B) 106 P.S.I. to (C) 305 P.S.I.

Initial Closed In Period Minutes 60 (D) 1034 P.S.I.

Final Flow Period Minutes 30 (E) 343 P.S.I. to (F) 374 P.S.I.

Final Closed In Period Minutes 60 (G) 1010 P.S.I.

Final Hydrostatic Pressure (H) 1520 P.S.I.

WESTERN TESTING CO., INC.

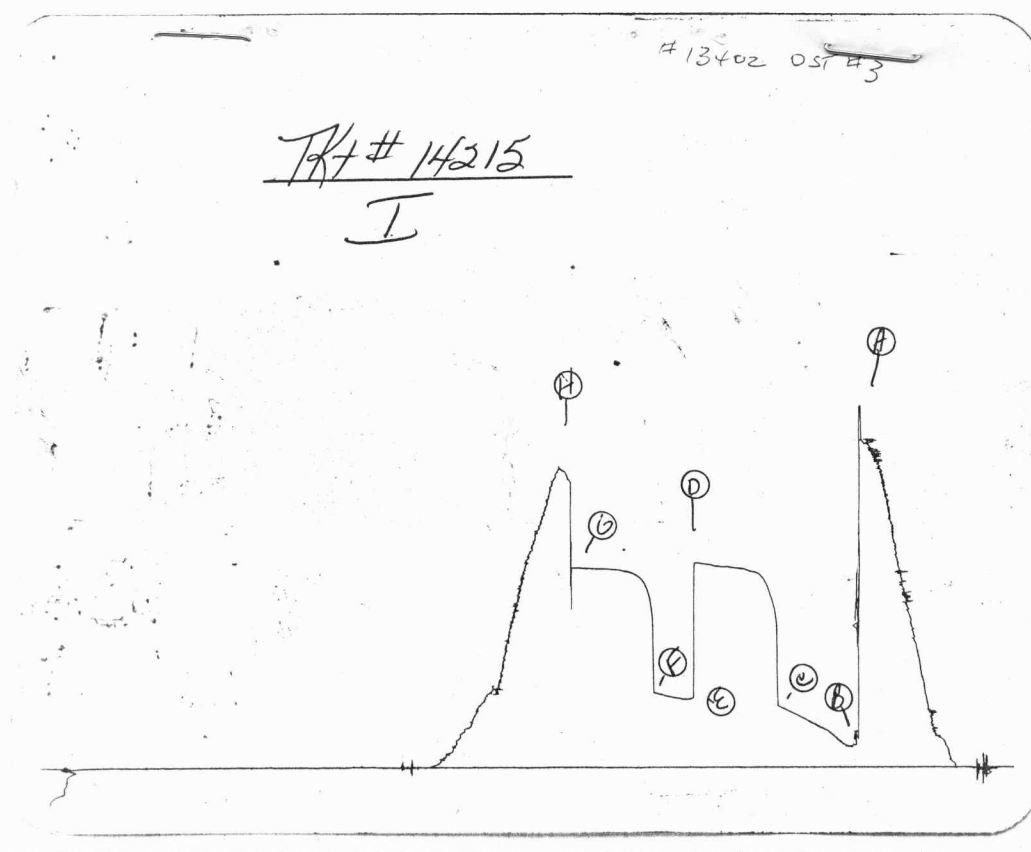
Pressure Data

Date 11/26/81 Recorder No. 13402 Capacity 4025 Test Ticket No. 14215
 Location 3207 Ft. Elevation 2075 Ground Level Well Temperature 113 °F
 Clock No. -

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1664	P.S.I.	5:25P	M
B First Initial Flow Pressure	106	P.S.I.	60	Mins.
C First Final Flow Pressure	305	P.S.I.	60	Mins.
D Initial Closed-in Pressure	1034	P.S.I.	30	Mins.
E Second Initial Flow Pressure	343	P.S.I.	60	Mins.
F Second Final Flow Pressure	374	P.S.I.		
G Final Closed-in Pressure	1010	P.S.I.		
H Final Hydrostatic Mud	1520	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.				Initial Shut-In Breakdown: <u>20</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>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.			
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	106	0	305	0	343	0	374	0		0		0		0	
P 2 5	106	3	804	5	343	3	840	5	343	3	840	6	911	3	840
P 3 10	113	6	874	10	345	6	911	10	345	6	911	9	947	6	911
P 4 15	140	9	927	15	352	9	947	15	352	9	947	12	964	9	947
P 5 20	167	12	960	20	356	12	964	20	356	12	964	15	976	12	964
P 6 25	190	15	980	25	366	15	976	25	366	15	976	18	986	15	976
P 7 30	207	18	988	30	374	18	986	30	374	18	986	21	992	18	986
P 8 35	226	21	993			21	992			21	992	24	994	21	992
P 9 40	244	24	1000			24	994			24	994	27	998	24	994
P10 45	261	27	1006			27	998			27	998	30	1001	27	998
P11 50	278	30	1008			30	1001			30	1001	33	1002	30	1001
P12 55	291	33	1010			33	1002			33	1002	36	1003	33	1002
P13 60	305	36	1014			36	1003			36	1003	39	1004	36	1003
P14		39	1015			39	1004			39	1004	42	1005	39	1004
P15		42	1015			42	1005			42	1005	45	1006	42	1005
P16		45	1018			45	1006			45	1006	48	1007	45	1006
P17		48	1022			48	1007			48	1007	51	1008	48	1007
P18		51	1026			51	1008			51	1008	54	1009	51	1008
P19		54	1029			54	1009			54	1009	57	1010	54	1009
P20		57	1032			57	1010			57	1010	60	1010	57	1010
WTC - 4		60	1034			60	1010			60					



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1664	1664	PSI
(B) First Initial Flow Pressure	98	106	PSI
(C) First Final Flow Pressure	295	305	PSI
(D) Initial Closed-in Pressure	1025	1034	PSI
(E) Second Initial Flow Pressure	334	343	PSI
(F) Second Final Flow Pressure	374	374	PSI
(G) Final Closed-in Pressure	1005	1010	PSI
(H) Final Hydrostatic Mud	1524	1520	PSI



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Company Kan-Tex Energy Company, Inc. Lease & Well No. Smith-Hon #1
Elevation 2075 Ground Level Formation Lansing A-B Effective Pay - Ft. Ticket No. 14216
Date 11/28/81 Sec. 2 Twp. 25S Range 16W County Edwards State Kansas
Test Approved by Toby Elster Western Representative Richard Howell

Formation Test No. 4 Interval Tested from 3837 ft. to 3880 ft. Total Depth 3880 ft.

Packer Depth 3832 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3837 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3840 ft. Recorder Number 13402 Cap 4025

Bottom Recorder Depth (Outside) 3843 ft. Recorder Number 13267 Cap 4050

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

Drilling Contractor Husky Rig #2 Drill Collar Length 372 I. D. 2.2 in.

Mud Type Premix Viscosity 62 Weight Pipe Length 310 I. D. 3.2 in.

Weight 9.4 Water Loss 10.0 cc. Drill Pipe Length 3165 I. D. 3.8 in.

Chlorides 13,000 P.P.M. Test Tool Length 20 ft. Tool Size - in.

Jars: Make - Serial Number - Anchor Length 43 ft. Size 6 1/4 & 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: Initial flow period strong - gas to surface 50 minutes. Final flow period strong,
although gas was too weak to measure.

Recovered 124 ft. of 2% oil; 5% water; 15% gas; 78% mud

Recovered 124 ft. of 20% oil; 45% gas; 18% water; 17% mud

Recovered 390 ft. of water

Recovered - ft. of Chlorides 120,000 PPM

Recovered - ft. of -

Remarks: -

Gas flow on both flow periods was too weak to gauge.

Time Set Packer(s) 6:15 A.M. Time Started Off Bottom 10:15 P.M. Maximum Temperature 117

Initial Hydrostatic Pressure - (A) 1926 P.S.I.

Initial Flow Period - Minutes 60 (B) 59 P.S.I. to (C) 168 P.S.I.

Initial Closed In Period - Minutes 63 (D) 1135 P.S.I.

Final Flow Period - Minutes 60 (E) 220 P.S.I. to (F) 285 P.S.I.

Final Closed In Period - Minutes 66 (G) 1096 P.S.I.

Final Hydrostatic Pressure - (H) 1870 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

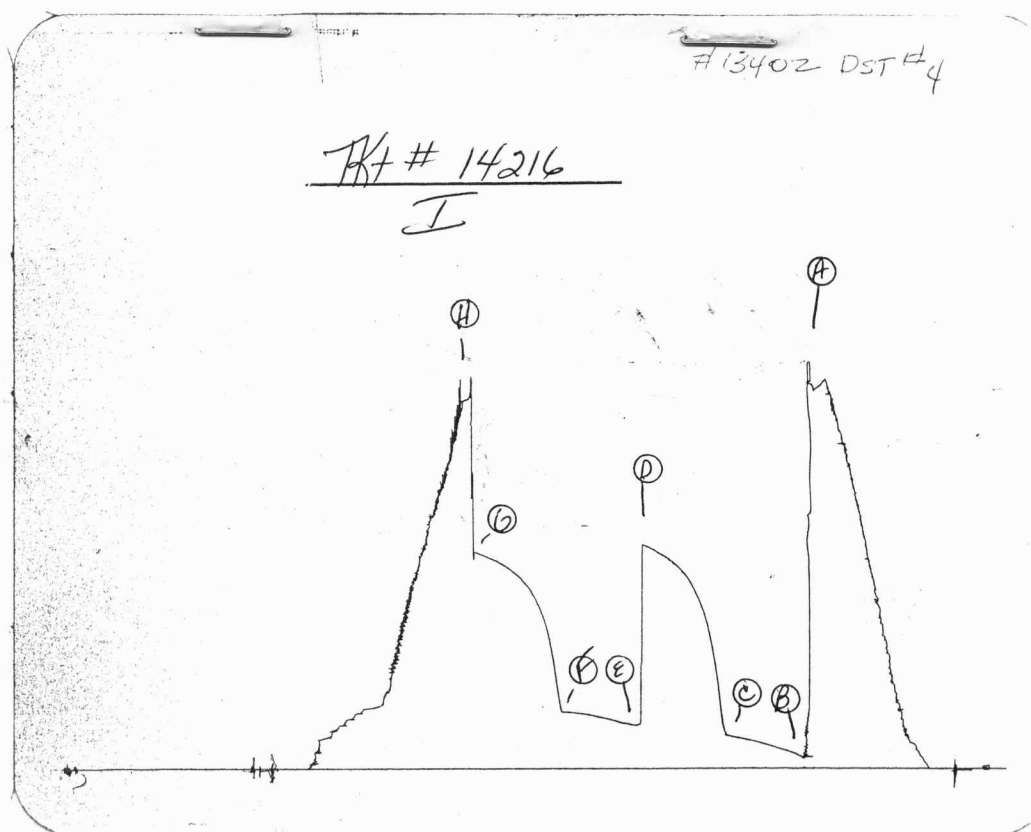
Date 11/28/81 Test Ticket No. 14216
 Recorder No. 13402 Capacity 4025 Location 3840 Ft.
 Clock No. - Elevation 2075 Ground Level Well Temperature 117 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1926 P.S.I.	6:15A	M
B First Initial Flow Pressure	59 P.S.I.	60 Mins.	60 Mins.
C First Final Flow Pressure	168 P.S.I.	60 Mins.	63 Mins.
D Initial Closed-in Pressure	1135 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	220 P.S.I.	60 Mins.	66 Mins.
F Second Final Flow Pressure	285 P.S.I.		
G Final Closed-in Pressure	1096 P.S.I.		
H Final Hydrostatic Mud	1870 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>21</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>22</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1	0	59	0	168	0	220	0	285
P 2	5	59	3	266	5	220	3	407
P 3	10	74	6	423	10	226	6	544
P 4	15	89	9	555	15	232	9	646
P 5	20	98	12	658	20	242	12	725
P 6	25	110	15	743	25	252	15	781
P 7	30	120	18	806	30	258	18	830
P 8	35	130	21	861	35	266	21	870
P 9	40	140	24	903	40	274	24	903
P10	45	148	27	943	45	278	27	929
P11	50	156	30	972	50	282	30	953
P12	55	161	33	998	55	283	33	974
P13	60	168	36	1018	60	285	36	992
P14			39	1038			39	1006
P15			42	1056			42	1022
P16			45	1071			45	1036
P17			48	1086			48	1048
P18			51	1098			51	1056
P19			54	1110			54	1066
P20			57	1120			57	1074
			60	1129			60	1082
			63	1135			63	1091
							66	1096

WTC - 4



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1915	1926	PSI
(B) First Initial Flow Pressure	49	59	PSI
(C) First Final Flow Pressure	167	168	PSI
(D) Initial Closed-in Pressure	1135	1135	PSI
(E) Second Initial Flow Pressure	226	220	PSI
(F) Second Final Flow Pressure	275	285	PSI
(G) Final Closed-in Pressure	1085	1096	PSI
(H) Final Hydrostatic Mud	1865	1870	PSI



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Company Kan-Tex Energy Company, Inc. Lease & Well No. Smith-Hon #1
Elevation 2075 Ground Level Formation Mississippi & Kinderhook Sand - Ft. Ticket No. 14217
Date 11/29/81 Sec. 2 Twp 25S Range 16W County Edwards State Kansas
Test Approved by Toby Elster Western Representative Richard Howell

Formation Test No. 5 Interval Tested from 4241 ft. to 4296 ft. Total Depth 4296 ft.

Packer Depth 4236 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4241 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4244 ft. Recorder Number 13402 Cap. 4025

Bottom Recorder Depth (Outside) 4247 ft. Recorder Number 13267 Cap. 4050

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

Drilling Contractor Husky Rig #2 Drill Collar Length 372 I. D. 2.2 in.

Mud Type Drispac Viscosity 75 Weight Pipe Length 310 I. D. 3.2 in.

Weight 9.8 Water Loss 13.6 cc. Drill Pipe Length 3569 I. D. 3.8 in.

Chlorides 18,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 55 ft. Size 5 1/2 & 6 1/4 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: Initial flow period strong - gas to surface in 25 minutes. See Attached sheet for gas measurements.

Recovered 180 ft. of gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:20 ~~A.M.~~ P.M. Time Started Off Bottom 12:30 ~~A.M.~~ P.M. Maximum Temperature 124

Initial Hydrostatic Pressure 2188 P.S.I. (A)

Initial Flow Period 60 Minutes (B) 38 P.S.I. to (C) 63 P.S.I.

Initial Closed In Period 60 Minutes (D) 526 P.S.I.

Final Flow Period 60 Minutes (E) 72 P.S.I. to (F) 93 P.S.I.

Final Closed In Period 63 Minutes (G) 621 P.S.I.

Final Hydrostatic Pressure 2117 P.S.I. (H)



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GAS FLOW REPORT

Date 11/29/81 Ticket 14217 Company Kan-Tex Energy Company, Inc.
Well Name and No. Smith-Hon #1 Dst No. 5 Interval Tested 4241-4296
County Edwards State Kansas Sec. 2 Twp. 25S Rg. 16W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
	10 Min	4 PSIG	¼" Orifice			18,500 C.F.P.D.
	20 Min	6 PSIG	¼" Orifice			22,900 C.F.P.D.
	30 Min	8 PSIG	¼" Orifice			27,000 C.F.P.D.
	35 Min	9 PSIG	¼" Orifice			29,000 C.F.P.D.

SECOND FLOW						
	10 Min	8 PSIG	¼" Orifice			27,000 C.F.P.D.
	20 Min	11 PSIG	¼" Orifice			32,000 C.F.P.D.
	30 Min	13 PSIG	¼" Orifice			35,900 C.F.P.D.
	40 Min	14 PSIG	¼" Orifice			37,600 C.F.P.D.
	50 Min	17 PSIG	¼" Orifice			42,400 C.F.P.D.
	60 Min	17 PSIG	¼" Orifice			42,400 C.F.P.D.

GAS BOTTLE

Serial No. 14164 Date Bottle Filled 11/29/81 Date to be Invoiced 11/29/81

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% per month, equal to 12% 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 Kan-Tex Energies, Inc.

Authorized by Toby Elster

WESTERN TESTING CO., INC.

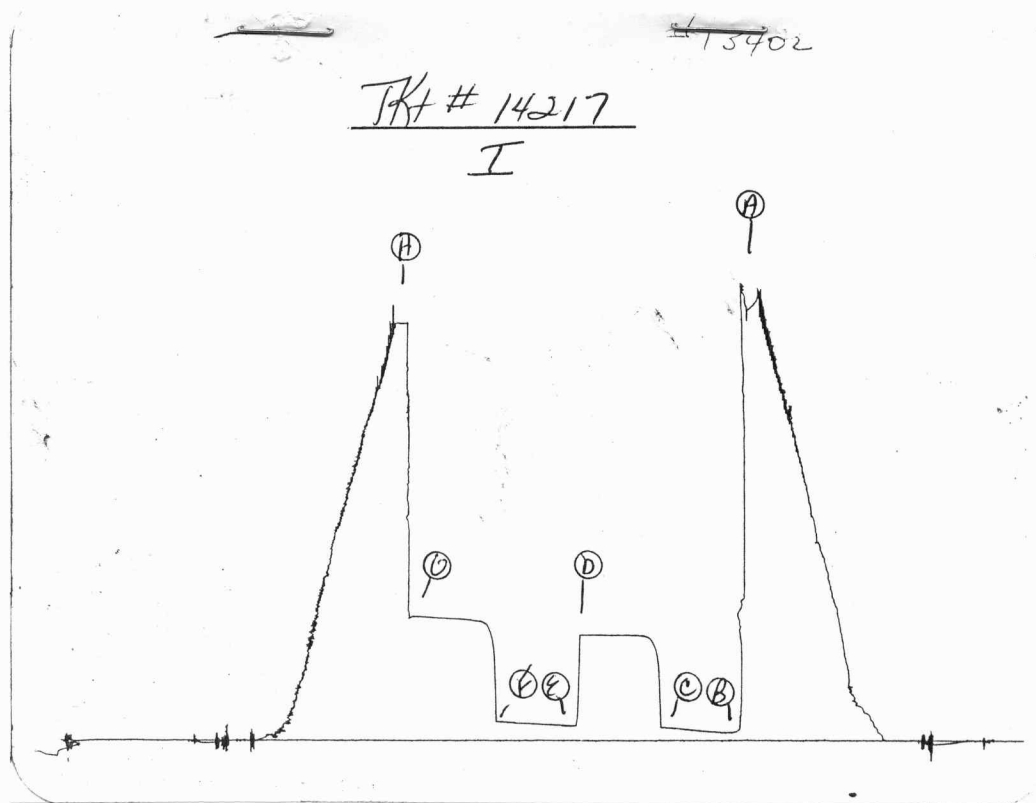
Pressure Data

Date 11/29/81 Recorder No. 13402 Capacity 4025 Test Ticket No. 14217
 Location 4244 Ft. Clock No. - Elevation 2075 Ground Level Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2188	P.S.I.	8:20P	M
B First Initial Flow Pressure	38	P.S.I.	60	Mins. 60 Mins.
C First Final Flow Pressure	63	P.S.I.	60	Mins. 60 Mins.
D Initial Closed-in Pressure	526	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	72	P.S.I.	60	Mins. 63 Mins.
F Second Final Flow Pressure	93	P.S.I.		
G Final Closed-in Pressure	621	P.S.I.		
H Final Hydrostatic Mud	2117	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>21</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>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 Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	38	0	63	0	72	0	93
P 2 5	38	3	394	5	72	3	463
P 3 10	38	6	469	10	74	6	545
P 4 15	39	9	504	15	76	9	581
P 5 20	41	12	518	20	78	12	594
P 6 25	44	15	523	25	79	15	597
P 7 30	47	18	524	30	81	18	600
P 8 35	49	21	525	35	83	21	603
P 9 40	52	24	526	40	84	24	606
P10 45	56	27	526	45	85	27	608
P11 50	59	30	526	50	90	30	609
P12 55	62	33	526	55	92	33	610
P13 60	63	36	526	60	93	36	611
P14		39	526			39	612
P15		42	526			42	613
P16		45	526			45	614
P17		48	526			48	615
P18		51	526			51	616
P19		54	526			54	617
P20		57	526			57	618
WTC - 4		60	526			60	619
						63	621



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2188	2188	PSI
(B) First Initial Flow Pressure	39	38	PSI
(C) First Final Flow Pressure	59	63	PSI
(D) Initial Closed-in Pressure	521	526	PSI
(E) Second Initial Flow Pressure	59	72	PSI
(F) Second Final Flow Pressure	88	93	PSI
(G) Final Closed-in Pressure	600	621	PSI
(H) Final Hydrostatic Mud	2107	2117	PSI