WESTERN

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company A. L. Abercrombie, Inc. Lease & Well No. Posey #1

Elevation 1175 Kelly Bushing Formation Layton Effective Pay ---- Ft. Ticket No. 5935

Date 9/4/80 Sec. 17 Twp. 34S Range 1E County Sumner State Kansas

Test Approved by H. Deane Jirrels Western Representative Allen Edgington-Norman Allen

Formation Test No. 1 Interval Tested from 3034 ft. to 3054 ft. Total Depth 3054 ft.

Packer Depth 3029 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3034 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3045 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 3050 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor White & Ellis Drlg. Rig #4 Drill Collar Length 200 I. D. 2 in.

Mud Type chemical Viscosity 34 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 15.8 cc. Drill Pipe Length 2861 I. D. 3.8 in.

Chlorides 2,800 P.P.M. Test Tool Length 40 ft. Tool Size 4½ in.

Jars: Make No Serial Number - Anchor Length 20 ft. Size 4½ 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 4½XH in.

Blow: Fair throughout test.

Recovered 10 ft. of gas in pipe

Recovered 170 ft. of thick gassy froggy mud oil emulsion

Recovered 60 ft. of very slightly oil cut watery mud

Recovered 120 ft. of muddy salt water

Recovered ft. of

Remarks:

Time Set Packer(s) 7:15 ~~P.M.~~ A.M. Time Started Off Bottom 9:45 ~~P.M.~~ A.M. Maximum Temperature 110°

Initial Hydrostatic Pressure			(A)	1589	P.S.I.	
Initial Flow Period	Minutes	30	(B)	132	P.S.I. to (C)	158 P.S.I.
Initial Closed In Period	Minutes	30	(D)	937	P.S.I.	
Final Flow Period	Minutes	45	(E)	173	P.S.I. to (F)	206 P.S.I.
Final Closed In Period	Minutes	45	(G)	937	P.S.I.	
Final Hydrostatic Pressure			(H)	1572	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 9-4-80 Test Ticket No. 5935

Recorder No. 3354 Capacity 4200 Location 3045 Ft.

Clock No. ------ Elevation 1175 Kelly Bushing Well Temperature 110 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1589 P.S.I.	Open Tool		7:15 A M	
B	First Initial Flow Pressure	132 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	158 P.S.I.	Initial Closed-in Pressure		30 Mins.	30 Mins.
D	Initial Closed-in Pressure	937 P.S.I.	Second Flow Pressure		45 Mins.	45 Mins.
E	Second Initial Flow Pressure	173 P.S.I.	Final Closed-in Pressure		45 Mins.	45 Mins.
F	Second Final Flow Pressure	206 P.S.I.				
G	Final Closed-in Pressure	937 P.S.I.				
H	Final Hydrostatic Mud	1572 P.S.I.				

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	132
P 2 5	139
P 3 10	143
P 4 15	146
P 5 20	150
P 6 25	154
P 7 30	158
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

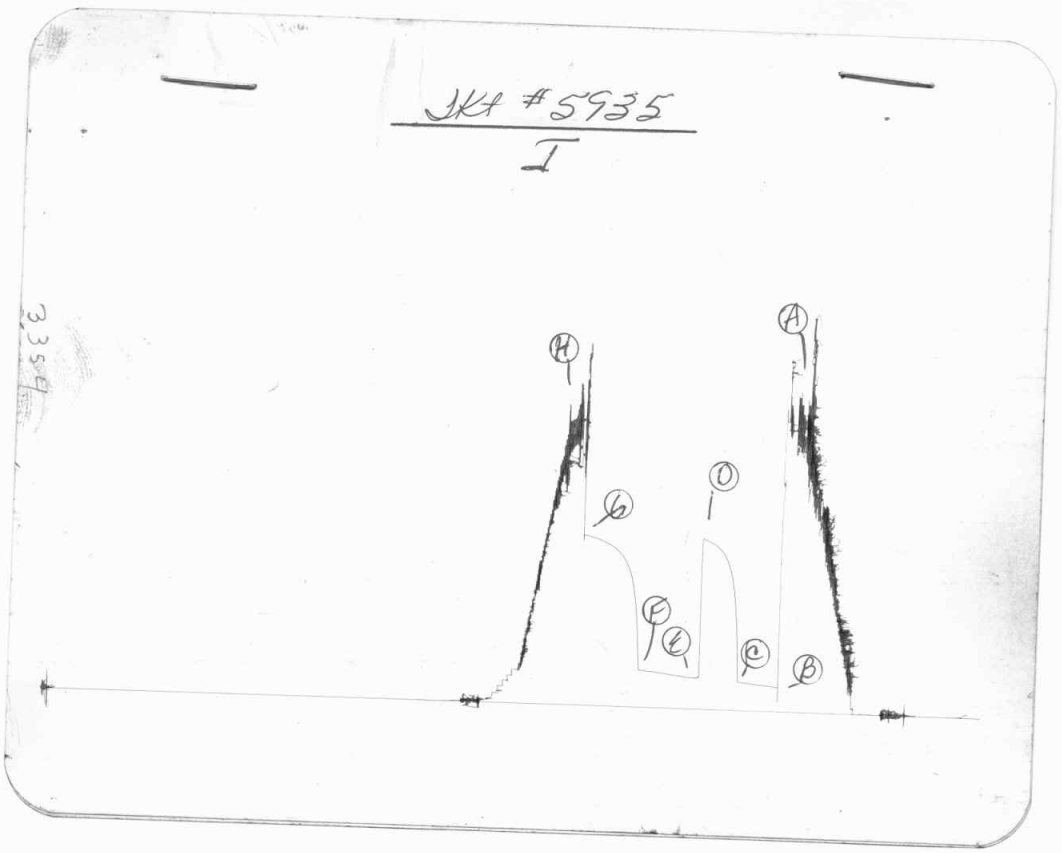
Point Minutes	Press.
0	158
3	540
6	688
9	778
12	831
15	863
18	888
21	903
24	916
27	928
30	937

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

Point Minutes	Press.
0	173
5	173
10	177
15	184
20	188
25	192
30	196
35	201
40	203
45	206

Final Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	206
3	536
6	662
9	749
12	795
15	831
18	854
21	873
24	888
27	899
30	909
33	918
36	924
39	930
42	934
45	937



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1570	1589	PSI
(B)	First Initial Flow Pressure	125	132	PSI
(C)	First Final Flow Pressure	160	158	PSI
(D)	Initial Closed-in Pressure	930	937	PSI
(E)	Second Initial Flow Pressure	170	173	PSI
(F)	Second Final Flow Pressure	200	206	PSI
(G)	Final Closed-in Pressure	930	937	PSI
(H)	Final Hydrostatic Mud	1550	1572	PSI

COMPANY A. L. ABERCROMBIE, INC. LEASE AND WELL NO. POSEY #1 SEC. 17 TWP. 34S RGE. 1E TEST NO. 1 DATE 9/4/80

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company A. L. Abercrombie, Inc. Lease & Well No. Posey #1

Elevation 1175 Kelly Bushing Formation Layton Effective Pay ---- Ft. Ticket No. 593

Date 9/4/80 Sec. 17 Twp. 34S Range 1E County Sumner State Kansas

Test Approved by H. Deane Jirrels Western Representative Allen Edgington

Formation Test No. 2 Interval Tested from 3068 ft. to 3079 ft. Total Depth 3079 ft.

Packer Depth 3063 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3068 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) AP 3056 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) AP 3060 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor White & Ellis Drlg. Rig #4 Drill Collar Length 200 I. D. 2.28 in.

Mud Type chemical Viscosity 48 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 2879 I. D. 3.8 in.

Chlorides 3,100 P.P.M. Test Tool Length 38 ft. Tool Size 4½ in.

Jars: Make None Serial Number - Anchor Length 11 ft. Size 4½ 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 4½XH in

Blow: Fair (6" into water) initial flow. Twelve inches into water final flow.

Recovered 45 ft. of slightly oil and gas cut mud

Recovered 120 ft. of heavy oil and gas cut mud 10% oil

Recovered 120 ft. of froggy very heavy oil and gas cut mud 15% oil

Recovered 60 ft. of slightly oil cut salty mud

Recovered 180 ft. of muddy salt water

Remarks:

Time Set Packer(s) 8:30 ~~A.M.~~ P.M. Time Started Off Bottom 11:00 ~~A.M.~~ P.M. Maximum Temperature 11

Initial Hydrostatic Pressure ..... (A) 1564 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 185 P.S.I. to (C) 230 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 1216 P.S.I.

Final Flow Period ..... Minutes 45 (E) 251 P.S.I. to (F) 314 P.S.I.

Final Closed In Period ..... Minutes 45 (G) 1243 P.S.I.

Final Hydrostatic Pressure ..... (H) 1547 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 9/4/80 Test Ticket No. 5936

Recorder No. 3354 Capacity 4200 Location 3056 Ft

Clock No. --- Elevation 1175 Kelly Bushing Well Temperature 116 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1564	P.S.I.
B	First Initial Flow Pressure	185	P.S.I.
C	First Final Flow Pressure	230	P.S.I.
D	Initial Closed-in Pressure	1216	P.S.I.
E	Second Initial Flow Pressure	251	P.S.I.
F	Second Final Flow Pressure	314	P.S.I.
G	Final Closed-in Pressure	1243	P.S.I.
H	Final Hydrostatic Mud	1547	P.S.I.

	Time Given	Time Computed
Open Tool	8:30P M	
First Flow Pressure	30 Mins.	30 Mins
Initial Closed-in Pressure	30 Mins.	30 Mins
Second Flow Pressure	45 Mins.	45 Mins
Final Closed-in Pressure	45 Mins.	45 Mins

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	185
P 2	5	192
P 3	10	198
P 4	15	205
P 5	20	211
P 6	25	219
P 7	30	230
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

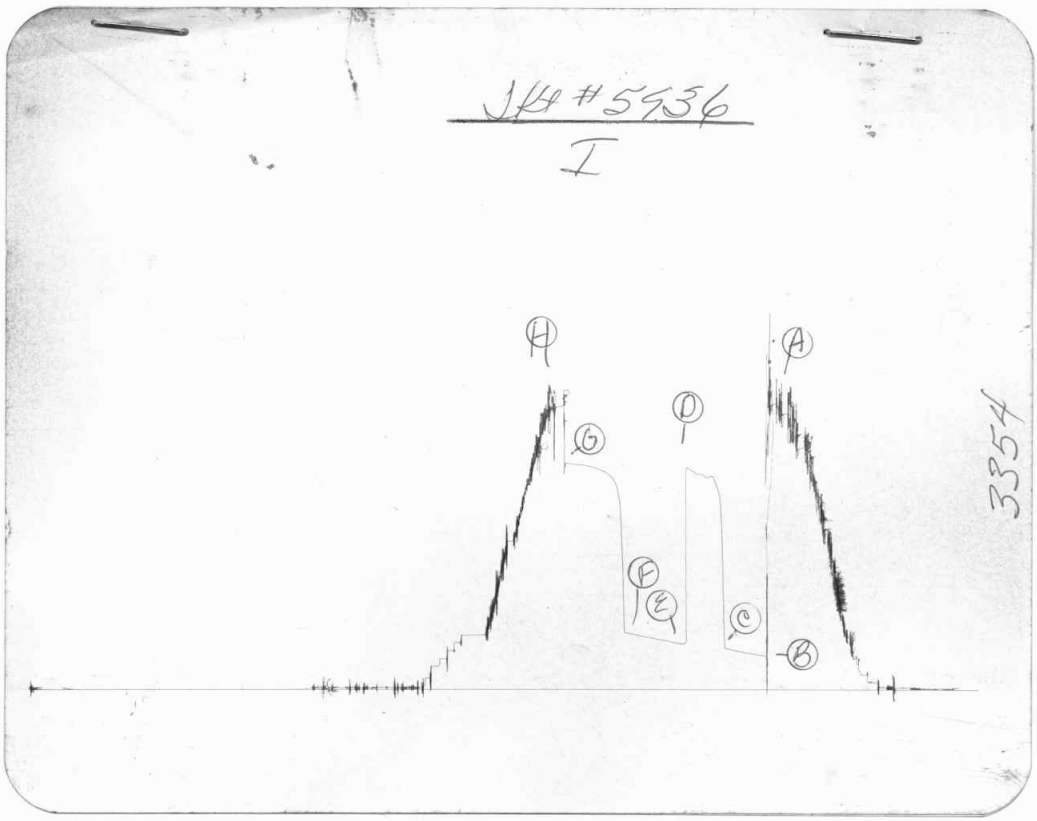
Point	Minutes	Press.
	0	230
	3	745
	6	1047
	9	1129
	12	1167
	15	1164
	18	1174
	21	1184
	24	1188
	27	1205
	30	1216

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

Point	Minutes	Press.
	0	251
	5	256
	10	264
	15	270
	20	279
	25	285
	30	292
	35	299
	40	306
	45	314

Final Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	314
	3	848
	6	1074
	9	1139
	12	1170
	15	1188
	18	1200
	21	1209
	24	1217
	27	1224
	30	1230
	33	1234
	36	1236
	39	1238
	42	1241
	45	1243



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1435	1564	PSI
(B)	First Initial Flow Pressure	160	185	PSI
(C)	First Final Flow Pressure	200	230	PSI
(D)	Initial Closed-in Pressure	1105	1216	PSI
(E)	Second Initial Flow Pressure	220	251	PSI
(F)	Second Final Flow Pressure	275	314	PSI
(G)	Final Closed-in Pressure	1130	1243	PSI
(H)	Final Hydrostatic Mud	1425	1547	PSI

COMPANY A. L. ABERCROMBIE, INC. LEASE AND WELL NO. POSEY #1 SEC. 17 TWP. 34S RGE. 1E TEST NO. 2 DATE 9/4/80

FLUID SAMPLE DATA

Sampler Pressure _____ P.S.I.G. at Surface
Recovery: Cu. Ft. Gas _____
cc. Oil _____
cc. Water _____
cc. Mud _____
Tot. Liquid cc. _____
Gravity _____ ° API @ _____ °F.
Gas/Oil Ratio _____ cu. ft./bbl.

	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	____ @ ____	°F.	____ ppm
Recovery Mud	____ @ ____	°F.	____ ppm
Recovery Mud Filtrate	____ @ ____	°F.	____ ppm
Mud Pit Sample	____ @ ____	°F.	____ ppm
Mud Pit Sample Filtrate	____ @ ____	°F.	____ ppm

Mud Weight _____ vis _____ sec.

Date 9-7-80 Ticket Number 923613
Kind of D.S.T. OPEN HOLE Halliburton Location WINFIELD
Tester J. DURHAM Witness D. JERRELS
Drilling Contractor WHITE AND ELLIS DR

EQUIPMENT & HOLE DATA

Formation Tested Mississippi Chat
Elevation 1175' KB Ft.
Net Productive Interval 10' Ft.
All Depths Measured From Kelly Bushing
Total Depth 3673' Ft.
Main Hole/Casing Size 7 7/8"
Drill Collar Length 158' I.D. 2.25"
Drill Pipe Length 3476' I.D. 3.826"
Packer Depth(s) 3656-3662' Ft.
Depth Tester Valve 3644' Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve DCIP VALVE 3639' Surface Choke 1/4" Bottom Choke 3/4"

Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of

Mea. From Tester Valve

Remarks P-Charts indicate severe plugging of anchor perforations throughout test.

See production test data sheet

TEMPERATURE	Gauge No. 737 Depth: 3648 Ft.	Gauge No. 397 Depth: 3669 Ft.	Gauge No. Depth: Ft.	TIME (00:00-24:00 hrs.)
	12 Hour Clock	12 Hour Clock	Hour Clock	Tool Opened 6:18
Est. °F.	Blanked Off No	Blanked Off Yes	Blanked Off	Opened Bypass 8:18
3668' @ Actual 131 °F.	Pressures	Pressures	Pressures	

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic			1853.9		1867.6				
First Period	Flow Initial		13.7		P			___	___
	Flow Final		27.4		P			30	
	Closed in		1718.3		1748.6			30	
Second Period	Flow Initial		25.7		P			___	___
	Flow Final		44.6		P			30	
	Closed in		1371.1		1385.4			30	
Third Period	Flow Initial							___	___
	Flow Final								
	Closed in								
Final Hydrostatic			1829.8		1843.6			___	___

Legal Location Sec. - Twp. - Rng. SE-SE-NE-17-34S-1E
Lease Name POSEY
Well No. 1
Test No. 3
Tested Interval 3662-3673'
Lease Owner/Company Name A. I. ABERCROMBIE INCORPORATED
Field Area PORTLAND
County SUMNER
State KANSAS

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FORMATION TEST DATA

LITTLE'S 111033 75C 2/80

(5)

Casing perfs._____ Bottom choke 3/4" Surf. temp_____ °F Ticket No. 923613

Gas gravity_____ Oil gravity_____ GOR_____

Spec. gravity_____ Chlorides_____ ppm Res._____ @_____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED_____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
0200					On location, rig going back to bottom
					after short trip
0438					Picked up and made up tools
0459					Started tools in hole
0618	1/4"				Slid tool 15' to bottom, opened tool
					with a very weak blow throughout
0648					Closed tool
0718	1/4"				Opened tool with no blow
0748					Closed tool
0818					Started out of hole with test

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PRODUCTION TEST DATA

LITTLE'S 96672 5M 8/74

(5)

TICKET NO. 923613

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub	5 3/4"	3.00"	1'	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	3476'	
Drill Collars	6 1/4"	2.25"	158'	
Handling Sub & Choke Assembly	4 1/2"	3.826"	5'	
Dual CIP Valve	5"	.87"	5'	3639'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	3644'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.75"	4'	3648'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.75 "	6'	3656'
Distributor				
Packer Assembly	6 3/4"	1.75"	6'	3662'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	3.84"	7'	
Blanked-Off B.T. Running Case	5"	2.75 "	4'	3669'
Total Depth				3673'

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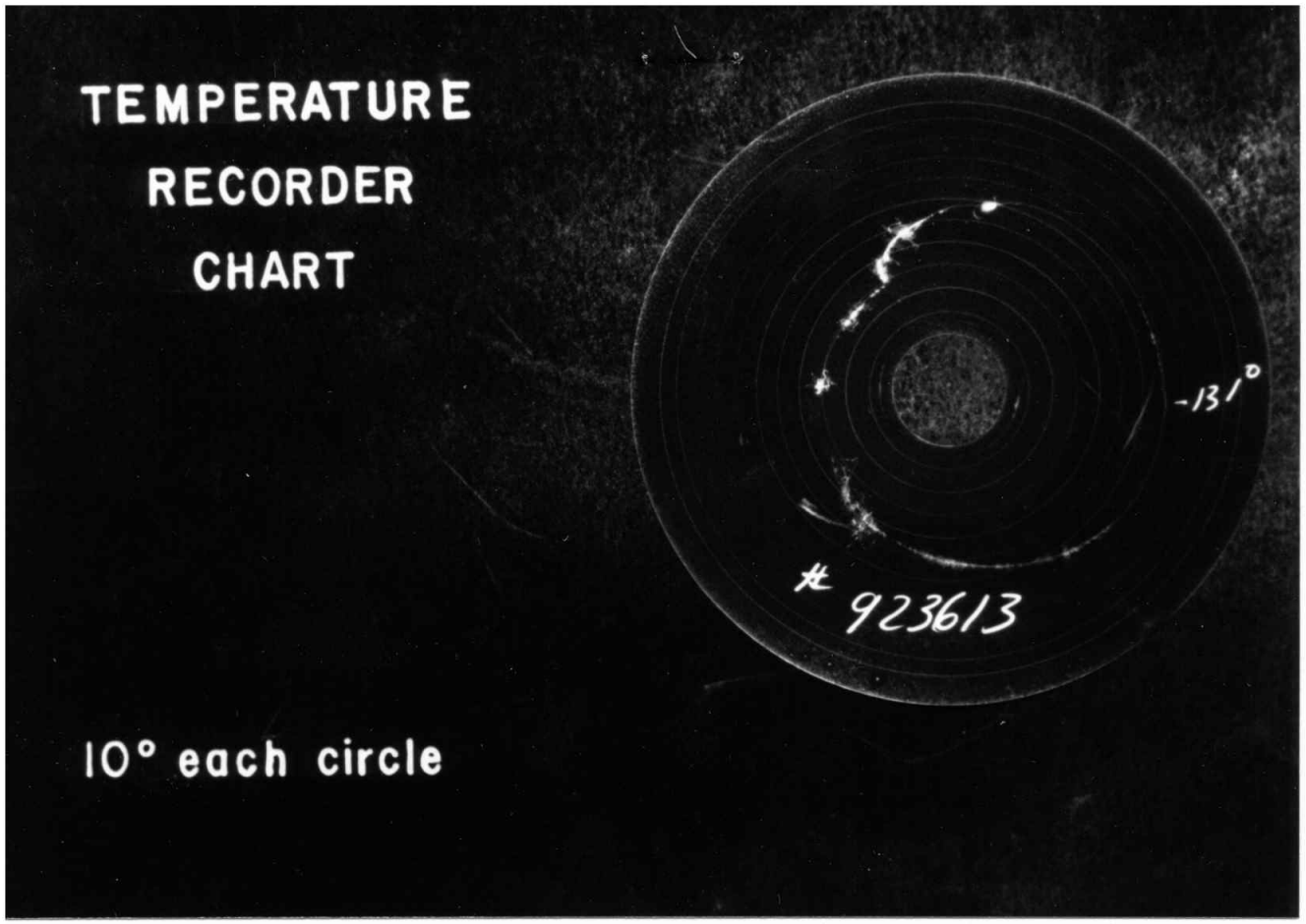
EQUIPMENT DATA

LITTLE'S 111036 75C 2/80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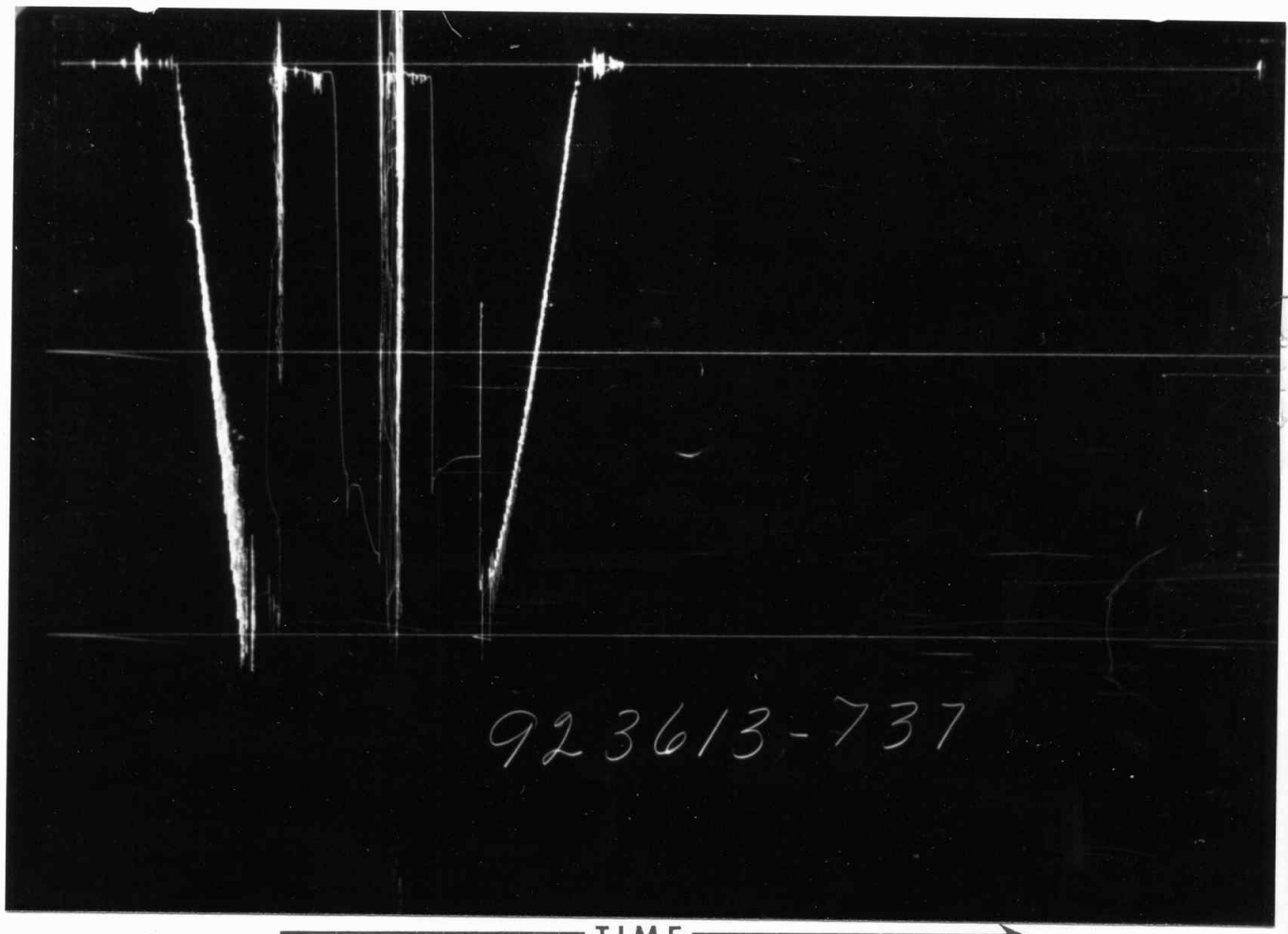
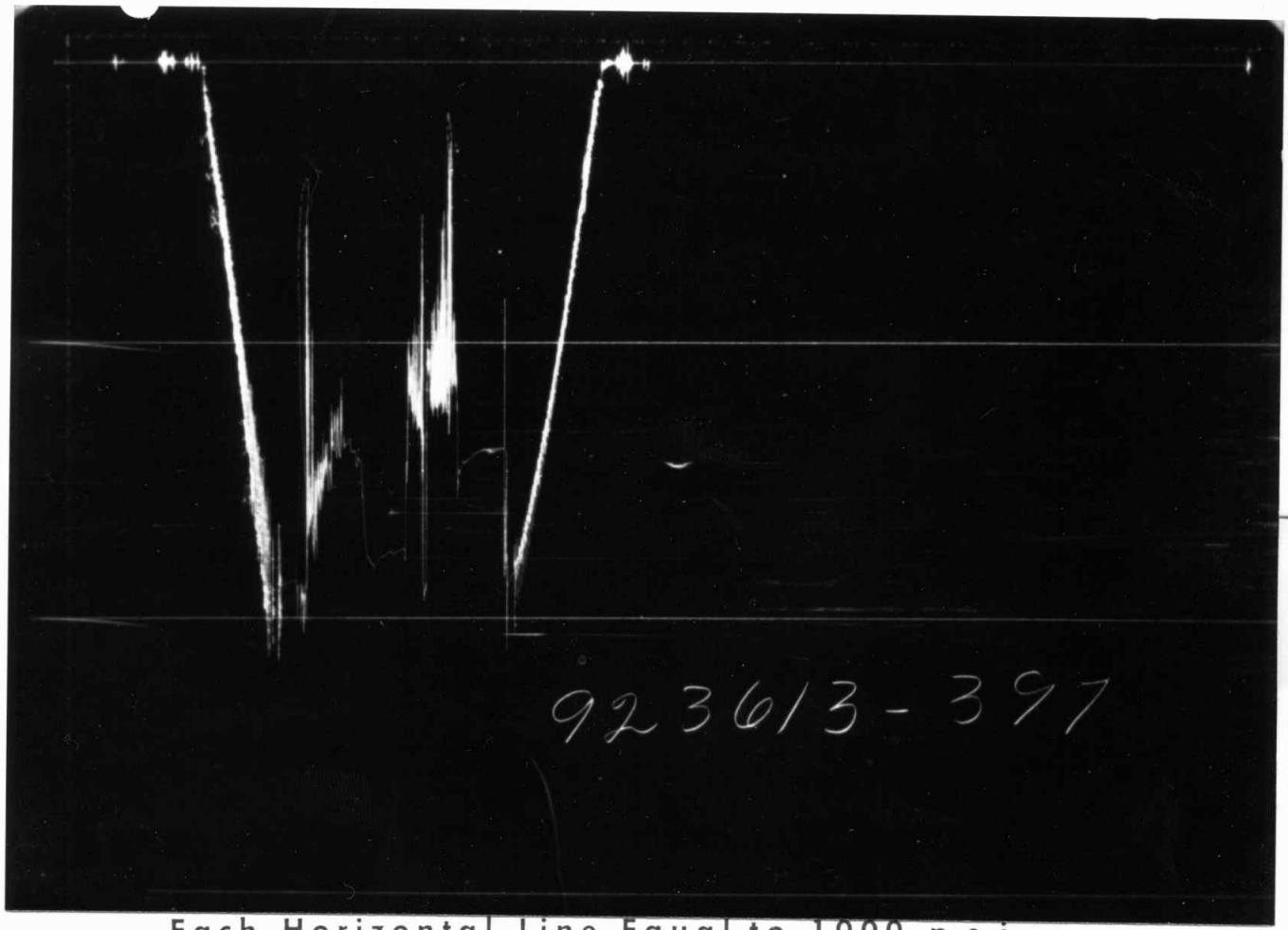
RECORDER
CHART
-131°
923613
10° each circle



PRESSURE

TIME



Each Horizontal Line Equal to 1000 p.s.i.

FLUID SAMPLE DATA

Sampler Pressure _____ P.S.I.G. at Surface
Recovery: Cu. Ft. Gas _____
cc. Oil _____
cc. Water _____
cc. Mud _____
Tot. Liquid cc. _____
Gravity _____ ° API @ _____ °F.
Gas/Oil Ratio _____ cu. ft./bbl.

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	____	@ ____	°F.	____ ppm
Recovery Mud	____	@ ____	°F.	____ ppm
Recovery Mud Filtrate	____	@ ____	°F.	____ ppm
Mud Pit Sample	____	@ ____	°F.	____ ppm
Mud Pit Sample Filtrate	____	@ ____	°F.	____ ppm

Mud Weight 9.7 vis 40 sec.

Date 9-7-80 Ticket Number 923614
Kind of D.S.T. OPEN HOLE Halliburton Location WINFIELD
Tester MR. DURHAM Witness MR. JIRRELS
Drilling Contractor WHITE & ELLIS DRILLING COMPANY bj

EQUIPMENT & HOLE DATA

Formation Tested Mississippi Chat
Elevation 1175' KB Ft.
Net Productive Interval 10' Ft.
All Depths Measured From Kelly Bushing
Total Depth 3673' Ft.
Main Hole/Casing Size 7 7/8"
Drill Collar Length 158' I.D. 2.25"
Drill Pipe Length 3476' I.D. 3.826"
Packer Depth(s) 3656' 3662' Ft.
Depth Tester Valve 3644' Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve DUAL CIP VALVE-3639' Surface Choke 1/4" Bottom Choke 3/4"

Recovered 1108 Feet of gas in drill pipe
Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of

Meas. From Tester Valve

Remarks SEE PRODUCTION TEST DATA SHEET....

TEMPERATURE	Gauge No. 737 Depth: 3648' Ft.	Gauge No. 397 Depth: 3669' Ft.	Gauge No. Depth: Ft.	TIME (00:00-24:00 hrs.)
Est. °F.	12 Hour Clock	12 Hour Clock	Hour Clock	Tool Opened 1521
Actual 121 °F.	Blanked Off NO	Blanked Off YES	Blanked Off	Opened Bypass 1721
3668'	Pressures	Pressures	Pressures	

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic		1875.3	1848.3		1859.6				
First Period	Flow Initial	17.2	8.5		21.2			——	——
	Flow Final	34.4	45.5		53.9			30	30
	Closed in	952.9	968.2		980.6			30	30
Second Period	Flow Initial	34.4	38.6		42.4			——	——
	Flow Final	51.6	60.1		69.0			30	30
	Closed in	858.5	855.1		868.8			30	31
Third Period	Flow Initial							——	——
	Flow Final								
	Closed in								
Final Hydrostatic		1857.9	1829.3		1839.2			——	——

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FORMATION TEST DATA

5

LITTLE'S 111033 75C 2/80

Legal Location Sec. - Twp. - Rng. SE SE NE 17 34S 1E
Lease Name POSEY
Well No. 1
Test No. 4
Tested Interval 3662' to 3673'
Lease Owner/Company Name A. I. ABERCROMBIE, INCORPORATED
Field Area PORTLAND
County SUMNER
State KANSAS

Casing perfs._____ Bottom choke 3/4" Surf. temp._____ °F Ticket No. 923614

Gas gravity_____ Oil gravity_____ GOR_____

Spec. gravity_____ Chlorides_____ ppm Res._____ @_____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED_____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
9-7-80					
					Tools on location.
1350					Picked up and made up tools.
1414					Started tools in hole.
1521					Opened tool with a very weak blow,
					building to a strong blow in 19 minutes.
1551					Closed tool for closed in pressure.
1621					Reopened tool with a strong blow throughout.
1651					Closed tool for final CIP period.
1721					Started out of hole with test.

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PRODUCTION TEST DATA

5

LITTLE'S 96672 5M 8/74

Gauge No.	737		Depth	3648'		Clock No.	4197		12 hour	Ticket No.	923614			
	First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
0	.0000	8.5	.0000		45.5	.0000	38.6	.0000		60.1					
1	.0333	18.0	.0203		120.2	.0338	55.8	.0270*		169.2					
2	.0666	25.7	.0406		217.3	.0677	55.8	.0472		260.3					
3	.0999	30.9	.0609		336.7	.1015	55.8	.0674		353.9					
4	.1332	36.9	.0812		485.3	.1353	56.7	.0876		464.7					
5	.1665	40.3	.1015		635.5	.1692	58.4	.1078		569.4					
6	.2000	45.5	.1218		752.9	.2030	60.1	.1281		660.3					
7			.1421		834.4			.1483		729.8					
8			.1624		891.9			.1685		780.4					
9			.1827		934.8			.1887		822.4					
10			.2030		968.2			.2090		855.0					
11															
12															
13															
14															
15															
Gauge No.	397		Depth	3669'		Clock No.	2803		12 hour						
0	.0000	21.2	.0000		53.9	.0000	42.4	.0000		69.0					
1	.0333	29.2	.0201		135.4	.0337	63.7	.0265*		185.8					
2	.0667	35.4	.0402		230.9	.0673	63.7	.0463		277.8					
3	.1000	40.7	.0603		355.7	.1010	63.7	.0661		378.7					
4	.1333	45.1	.0804		505.2	.1347	64.6	.0859		484.9					
5	.1667	48.6	.1005		656.6	.1683	65.4	.1058		588.9					
6	.2000	53.9	.1206		773.7	.2020	69.0	.1256		676.9					
7			.1407		849.4			.1454		742.9					
8			.1608		905.8			.1653		797.5					
9			.1809		948.0			.1851		836.2					
10			.2010		980.6			.2050		868.8					
11															
12															
13															
14															
15															
Reading Interval	5		3			5		3							Minutes

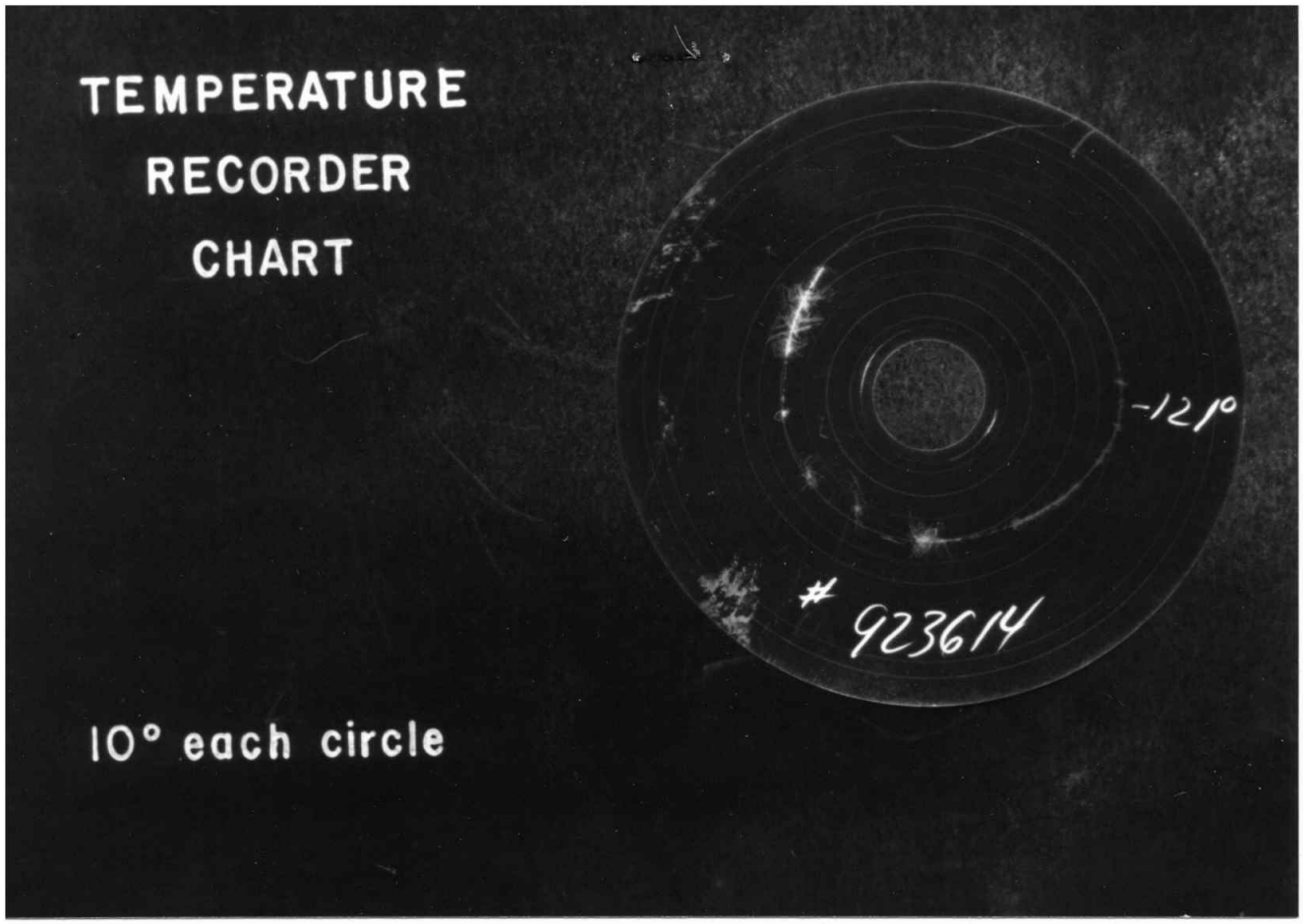
REMARKS:

* INTERVAL = 4 MINUTES

SPECIAL PRESSURE DATA

TICKET NO. 923614

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub	5.75"	3.00"	1.00'	
Water Cushion Valve				
Drill Pipe	4.50"	3.826"	3476'	
Drill Collars	6.25"	2.25"	158'	
Handling Sub ~~& Choke Assembly~~	4.50"	3.826"	5.00'	
Dual CIP Valve	5.00"	.87"	5.00'	3639'
Dual CIP Sampler				
Hydro-Spring Tester	5.00"	.75"	4.00'	3644'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5.00"	3.75"	4.00'	3648'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6.75"	1.75"	6.00'	3656'
Distributor				
Packer Assembly	6.75"	1.75"	6.00'	3662'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5.00"	3.84"	7.00'	
Blanked-Off B.T. Running Case	5.00"	2.75"	4.00'	3669'
Total Depth				3673'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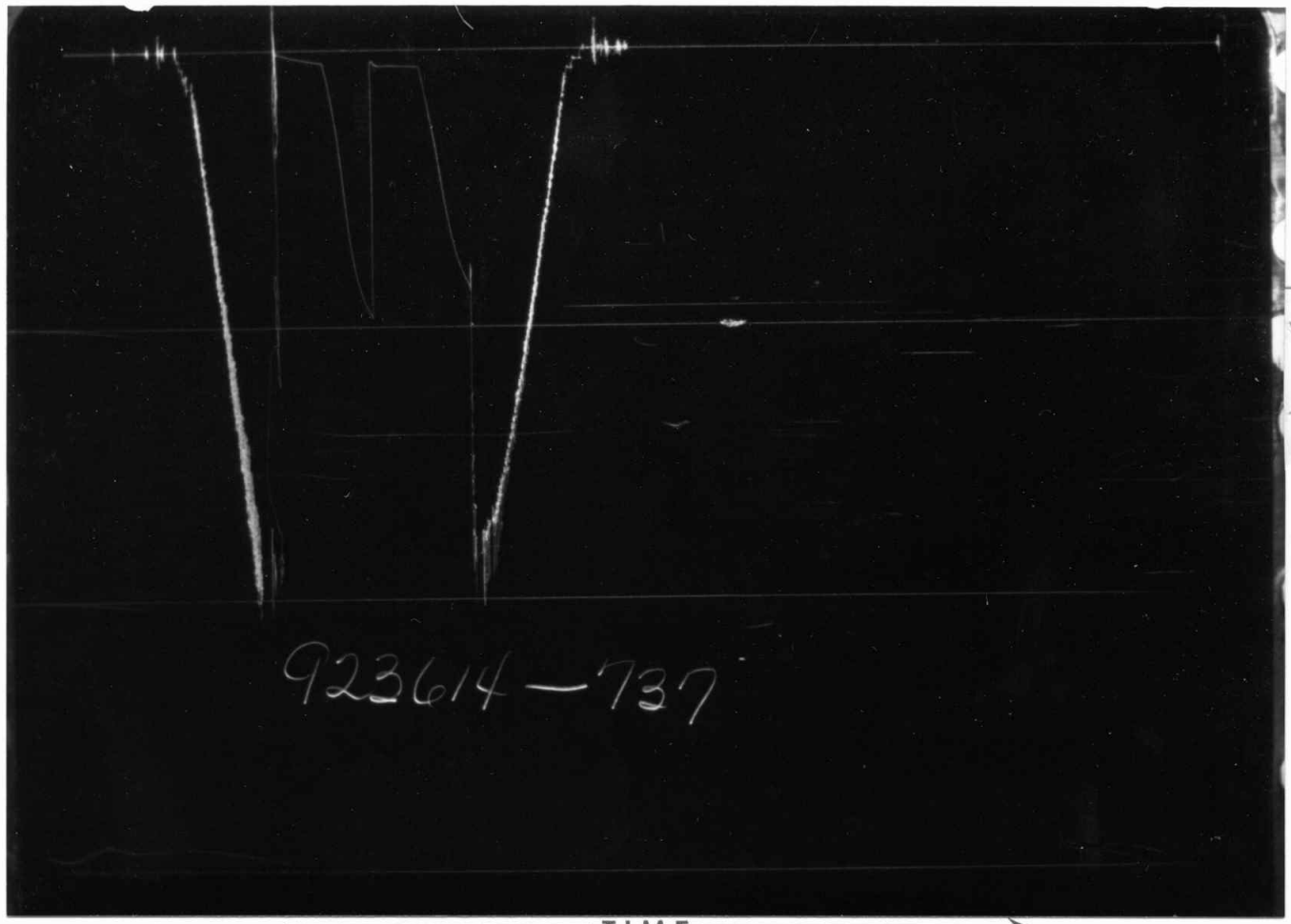
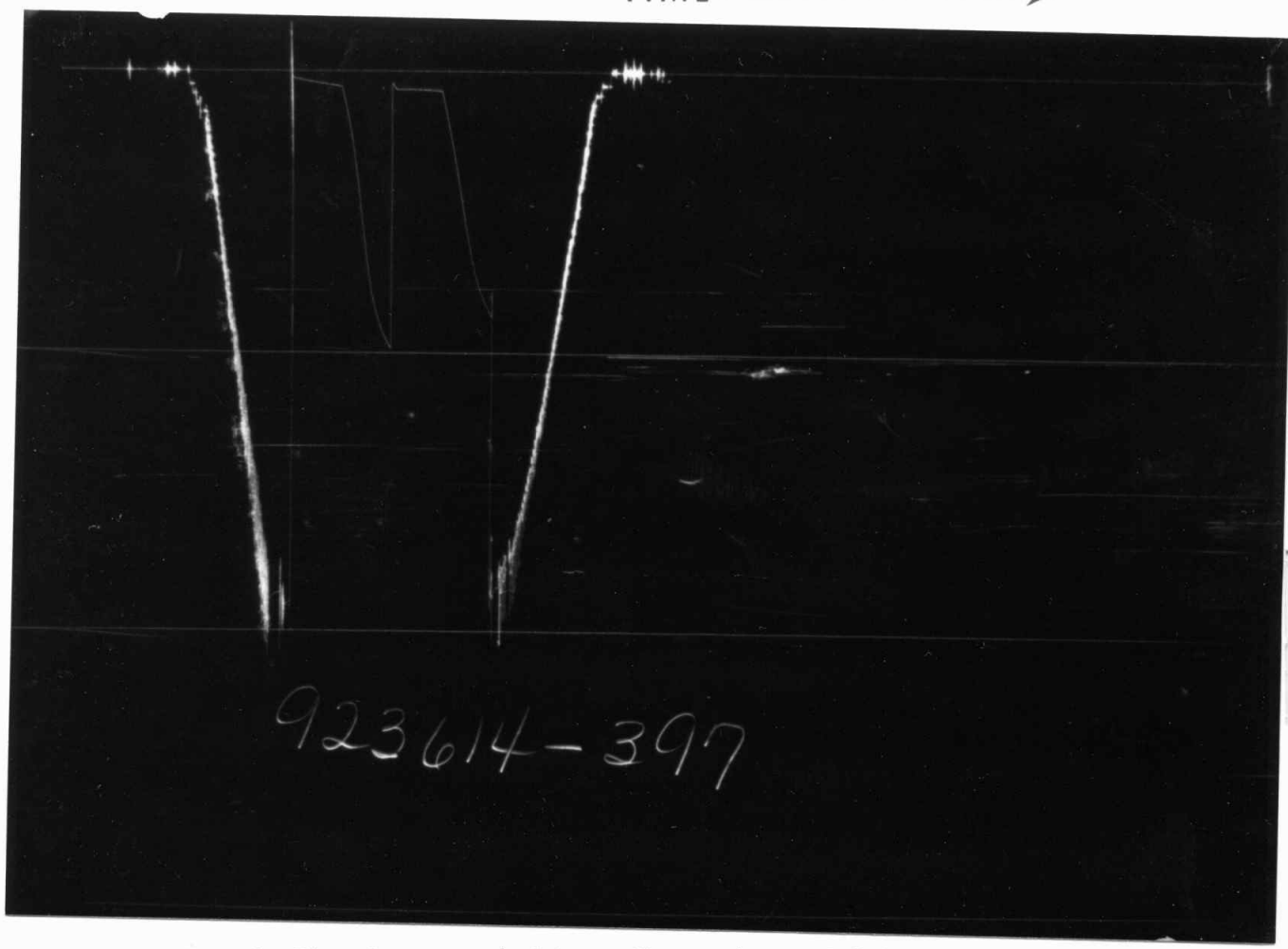
RECORDER
CHART
-120°
923614
10° each circle



PRESSURE

TIME



Each Horizontal Line Equal to 1000 p.s.i.

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

Company A. L. Abercrombie, Inc. Lease & Well No. Posey #1

Elevation 1175 Kelly Bushing Formation Mississippi Effective Pay -- Ft. Ticket No. 5940

Date 9/8/80 Sec. 17 Twp. 34S Range 1E County Sumner State Kansas

Test Approved by H. Deane Jirrels Western Representative Allen Edgington

Formation Test No. 5 Interval Tested from 3682 ft. to 3694 ft. Total Depth 3694 ft.

Packer Depth 3677 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3682 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3685 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 3689 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor White & Ellis Drlg. Rig #4 Drill Collar Length 163 I. D. 2¼ in.

Mud Type chemical Viscosity 40 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 12 cc. Drill Pipe Length 3512 I. D. 3.8 in.

Chlorides 3,100 P.P.M. Test Tool Length 32 ft. Tool Size 4½ in.

Jars: Make No Serial Number - Anchor Length 12 ft. Size 4½ 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 4½XH in.

Blow: Fair throughout test.

Recovered 240 ft. of gas

Recovered 100 ft. of froggy mud oil emulsion 8% oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:00 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 6:30 ~~A.M.~~ ~~P.M.~~ Maximum Temperature 128

Initial Hydrostatic Pressure			(A)	1879	P.S.I.	
Initial Flow Period	Minutes 30	(B)	21	P.S.I. to (C)	82	P.S.I.
Initial Closed In Period	Minutes 33	(D)	1068	P.S.I.		
Final Flow Period	Minutes 45	(E)	112	P.S.I. to (F)	122	P.S.I.
Final Closed In Period	Minutes 45	(G)	973	P.S.I.		
Final Hydrostatic Pressure		(H)	1864	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 9-8-80 Test Ticket No. 5940

Recorder No. 3354 Capacity 4200 Location 3685 Ft.

Clock No. ----- Elevation 1175 Kelly Bushing Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1879 P.S.I.	Open Tool	4:00 AM	
B First Initial Flow Pressure	21 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	82 P.S.I.	Initial Closed-in Pressure	30 Mins.	33 Mins.
D Initial Closed-in Pressure	1068 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	112 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	122 P.S.I.			
G Final Closed-in Pressure	973 P.S.I.			
H Final Hydrostatic Mud	1864 P.S.I.			

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	21
P 2	5	32
P 3	10	44
P 4	15	55
P 5	20	65
P 6	25	74
P 7	30	82
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 11 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
P 1	0	82
P 2	3	114
P 3	6	162
P 4	9	245
P 5	12	369
P 6	15	527
P 7	18	713
P 8	21	850
P 9	24	926
P10	27	964
P11	30	1049
P12	33	1068
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

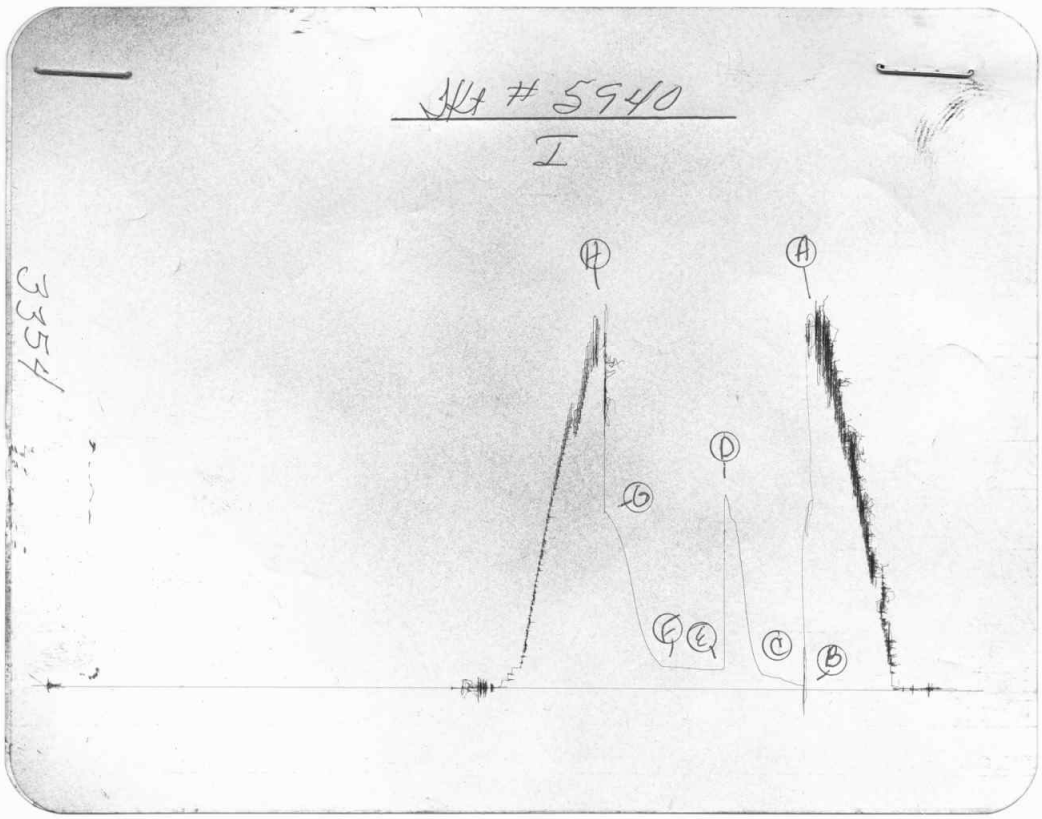
Second Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
P 1	0	112
P 2	5	108
P 3	10	108
P 4	15	110
P 5	20	114
P 6	25	116
P 7	30	120
P 8	35	122
P 9	40	122
P10	45	122
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Final Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
P 1	0	122
P 2	3	141
P 3	6	169
P 4	9	200
P 5	12	243
P 6	15	295
P 7	18	369
P 8	21	473
P 9	24	578
P10	27	675
P11	30	766
P12	33	827
P13	36	876
P14	39	920
P15	42	949
P16	45	973
P17		
P18		
P19		
P20		

COMPANY A L Abercrombie, Inc. LEASE AND WELL NO. Posey #1 SEC. 17 TWP. 34S RGE. 1E TEST NO. 5 DATE 9-8-80



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1890	1879	PSI
(B)	First Initial Flow Pressure	20	21	PSI
(C)	First Final Flow Pressure	75	82	PSI
(D)	Initial Closed-in Pressure	1065	1068	PSI
(E)	Second Initial Flow Pressure	105	112	PSI
(F)	Second Final Flow Pressure	115	122	PSI
(G)	Final Closed-in Pressure	970	973	PSI
(H)	Final Hydrostatic Mud	1860	1864	PSI

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET № 5917

Elevation 1175 Kelly Bushing Formation Simpson Eff. Pay ____ Ft.

District Augusta Date Sept 9, 1980 Customer Order No. ____

COMPANY NAME A. L. Abercrombie Inc.

ADDRESS 801 Union Center

LEASE AND WELL NO. Posey #1 COUNTY Sumner STATE Ks Sec. 17 Twp. 34S Rge. 1E

Mail Invoice To Same (Co. Name) ____ (Address) ____ No. Copies Requested 1

Mail Charts To Same (Address) ____ No. Copies Requested 5

Formation Test No. 6 Interval Tested from 3974 ft. to 3984 ft. Total Depth 3984 ft.

Packer Depth 3974 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 3969 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside)	3978 ft.	Recorder Number 2605	Cap. 4150
Bottom Recorder Depth (Outside)	3981 ft.	Recorder Number 10980	Cap. 4200
Below Straddle Recorder Depth	— ft.	Recorder Number —	Cap.

Drilling Contractor White & Ellis #4 — Drill Collar Length 120 I. D. ____ in.

Mud Type Chem Viscosity 50 — Weight Pipe Length ____ I. D. ____ in.

Weight 9.5 Water Loss 12.8 cc. — Drill Pipe Length 21 I. D. ____ in.

Chlorides 2800 P.P.M. — Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make NO 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 XH in.

Blow: Very Weak, died in 7 min first flow, NO Blow second flow

Recovered 2 ft. of mud

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks:

Flushed tool 10 min into first flow,

Time Set Packer(s) 9:20 A.M./P.M. Time Started Off Bottom 11:10 A.M./P.M. Maximum Temperature 127°

Initial Hydrostatic Pressure		(A) 1943 P.S.I.	
Initial Flow Period	Minutes 30	(B) 0 P.S.I.	to (C) 0 P.S.I.
Initial Closed In Period	Minutes 30	(D) 0 P.S.I.	
Final Flow Period	Minutes 30	(E) 10 P.S.I.	to (F) 10 P.S.I.
Final Closed In Period	Minutes 30	(G) 10 P.S.I.	
Final Hydrostatic Pressure		(H) 1943 P.S.I.	

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By A. Dean Sorrels
Signature of Customer or his authorized representative

Western Representative Kenny Kirkendall

FIELD INVOICE

Open Hole Test	$ 550.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$ 51.75
Fluid Sampler	$
Extra Charts	$
TOTAL	$ 601.75

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

Company A.L.Abercrombie, Inc. Lease & Well No. Posey #1

Elevation 1175 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 5917

Date 9-9-80 Sec. 17 Twp. 34S Range 1E County Sumner State Kansas

Test Approved by H Deane Jirrels Western Representative Kenny Kirkendall

Formation Test No. 6 Interval Tested from 3974 ft. to 3984 ft. Total Depth 3984 ft.

Packer Depth 3974 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3969 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3978 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 3981 ft. Recorder Number 10980 Cap. 4200

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

Drilling Contractor White & Ellis #4 Drill Collar Length 120 I. D. - in.

Mud Type Chemical Viscosity 50 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 21 I. D. - in.

Chlorides 2800 P.P.M. Test Tool Length 21 ft. Tool Size 5½ in.

Jars: Make No Serial Number - Anchor Length 10 ft. Size 5½ 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 4½ XH in.

Blow: Very weak, died in 7 minutes initial flow period. No blow final flow period

Recovered 2 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Flushed tool 10 minutes into first flow.

Time Set Packer(s) 9:20 ~~A.M.~~ P.M. Time Started Off Bottom 11:10 ~~A.M.~~ P.M. Maximum Temperature 127

Initial Hydrostatic Pressure (A) 2029 P.S.I.

Initial Flow Period Minutes 30 (B) 4 P.S.I. to (C) 6 P.S.I.

Initial Closed In Period Minutes 30 (D) 6 P.S.I.

Final Flow Period Minutes 25 (E) 6 P.S.I. to (F) 11 P.S.I.

Final Closed In Period Minutes 27 (G) 11 P.S.I.

Final Hydrostatic Pressure (H) 2023 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 9-9-80 Test Ticket No. 5917

Recorder No. 2605 Capacity 4150 Location 3978 Ft.

Clock No. - Elevation 1175 Kelly Bushing Well Temperature 127 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	2029	P.S.I.	Open Tool	9:20P	M		
B	First Initial Flow Pressure	4	P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
C	First Final Flow Pressure	6	P.S.I.	Initial Closed-in Pressure	30	Mins.	30	Mins.
D	Initial Closed-in Pressure	6	P.S.I.	Second Flow Pressure	20	Mins.	25	Mins.
E	Second Initial Flow Pressure	6	P.S.I.	Final Closed-in Pressure	30	Mins.	27	Mins.
F	Second Final Flow Pressure	11	P.S.I.					
G	Final Closed-in Pressure	11	P.S.I.					
H	Final Hydrostatic Mud	2023	P.S.I.					

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	4
P 2	5	4
P 3	10	Flushed Tool
P 4	15	4
P 5	20	5
P 6	25	6
P 7	30	6
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

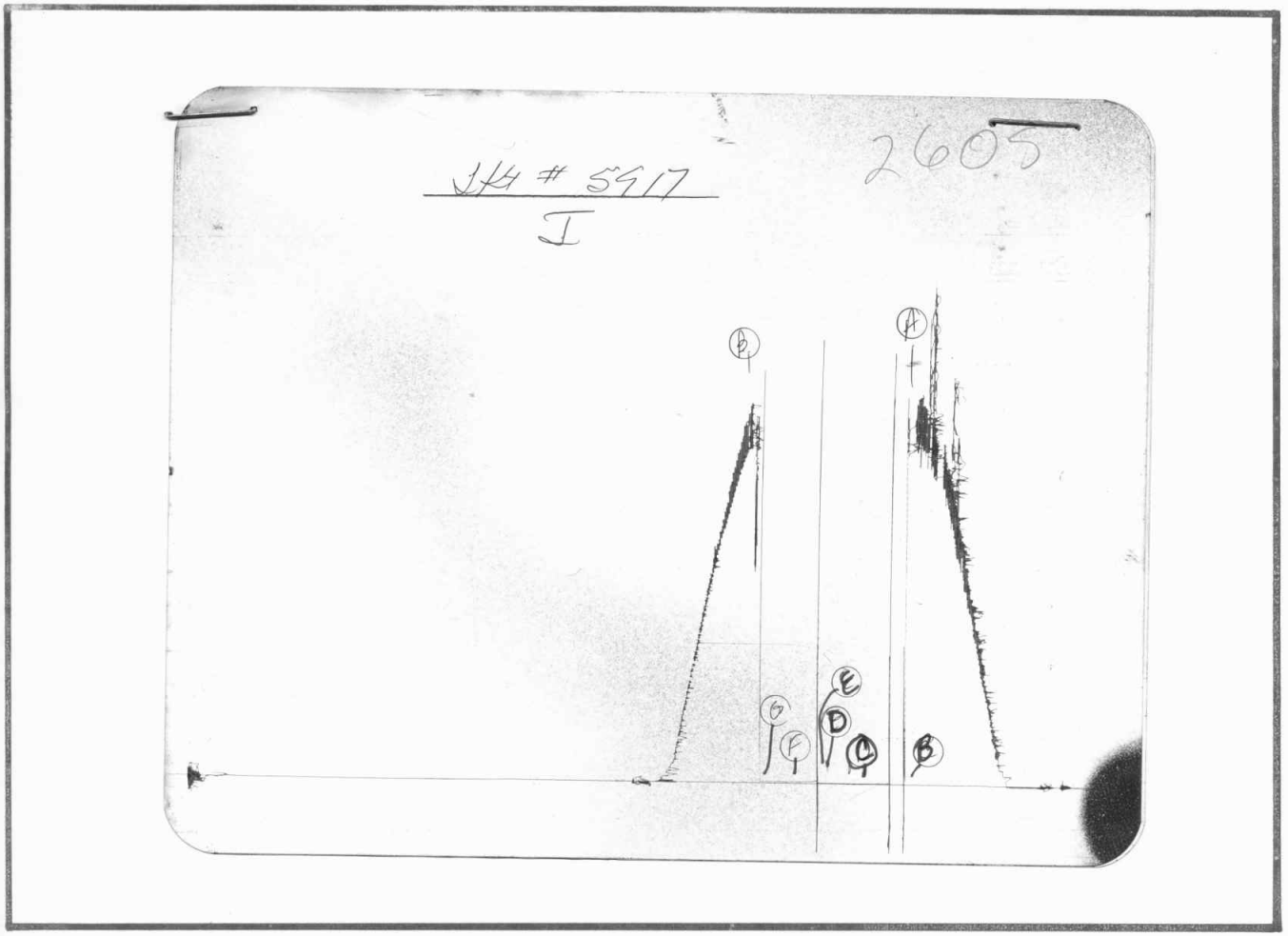
Point Minutes	Press.
0	6
3	6
6	6
9	6
12	6
15	6
18	6
21	6
24	6
27	6
30	6

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

Point Minutes	Press.
0	6
5	6
10	Flushed Tool 16
15	13
20	11
25	11

Final Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	11
3	11
6	11
9	11
12	11
15	11
18	11
21	11
24	11
27	11



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1943	2029	PSI
(B)	First Initial Flow Pressure	0	4	PSI
(C)	First Final Flow Pressure	0	6	PSI
(D)	Initial Closed-in Pressure	0	6	PSI
(E)	Second Initial Flow Pressure	10	6	PSI
(F)	Second Final Flow Pressure	10	11	PSI
(G)	Final Closed-in Pressure	10	11	PSI
(H)	Final Hydrostatic Mud	1943	2023	PSI

COMPANY A. L. ABERCROMBIE, INC. LEASE AND WELL NO. POSEY #1 SEC. 17 TWP. 34 S RGE. 1 E TEST NO. 6 DATE 9/9/80

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET № 5918

Elevation 1175 KB Formation Simpson Eff. Pay ____ Ft.

District Augusta Date Sept 10 Customer Order No. ____

COMPANY NAME A. L. Abercrombie Inc.

ADDRESS 801 Union Center

LEASE AND WELL NO. Posey #1 COUNTY Sumner STATE Ks Sec. 17 Twp. 34S Rge. 1E

Mail Invoice To Same (Co. Name / Address) No. Copies Requested 1

Mail Charts To Same (Address) No. Copies Requested 5

Formation Test No. 7 Interval Tested from 3976 ft. to 3986 ft. Total Depth 3986 ft.

Packer Depth 3976 ft. Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Packer Depth 3971 ft. Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3981 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 3984 ft. Recorder Number 10980 Cap. 4200

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

Drilling Contractor White + Ellis #4 Drill Collar Length 120 I. D. ____ in.

Mud Type Chem Viscosity 50 Weight Pipe Length ____ I. D. ____ in.

Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 3795 I. D. ____ in.

Chlorides 2800 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make No Serial Number ____ Anchor Length 10 ft. Size 5 1/2 in.

Did Well Flow? ____ Reversed Out ____ 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) Good blow first flow, Good blow decreasing second flow (first flow)

Recovered 1410 ft. of gas in pipe

Recovered 90' ft. of thick gas Frothy Mud Oil Emulsion

Recovered 120 ft. of Gas Mud Oil Cut water "scum of oil"

Recovered 540 ft. of Clean Salt water

Recovered ____ ft. of ____

Remarks: ____

Time Set Packer(s) 8:00 A.M./P.M. Time Started Off Bottom 10:00 A.M./P.M. Maximum Temperature 137°

Initial Hydrostatic Pressure .... (A) 2037 P.S.I.

Initial Flow Period .... Minutes 30 (B) 31 P.S.I. to (C) 201 P.S.I.

Initial Closed In Period .... Minutes 30 (D) 1242 P.S.I.

Final Flow Period .... Minutes 30 (E) 254 P.S.I. to (F) 349 P.S.I.

Final Closed In Period .... Minutes 30 (G) 1242 P.S.I.

Final Hydrostatic Pressure .... (H) 2037 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By A. Deane Frvels
Signature of Customer or his authorized representative

Western Representative Kenny Kirkendall

FIELD INVOICE

Open Hole Test	$
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
TOTAL	$

WESTERN

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company A.L. Abercrombie, Inc. Lease & Well No. Posey #1

Elevation 1175 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 5918

Date 9-10-80 Sec. 17 Twp. 34S Range 1E County Sumner State Kansas

Test Approved by H Deane Jirrels Western Representative Kenny Kirkendall

Formation Test No. 7 Interval Tested from 3976 ft. to 3986 ft. Total Depth 3986 ft.

Packer Depth 3976 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3971 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3981 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 3984 ft. Recorder Number 10980 Cap. 4200

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

Drilling Contractor White & Ellis #4 Drill Collar Length 120 I. D. - in.

Mud Type Chemical Viscosity 50 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 3795 I. D. - in.

Chlorides 2800 P.P.M. Test Tool Length 21 ft. Tool Size 5½ in.

Jars: Make No Serial Number - Anchor Length 10 ft. Size 5½ in.

Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½ XH in.

Blow: Good blow initial flow period. Good blow decreasing final flow period.

Recovered 1410 ft. of gas in pipe

Recovered 90 ft. of thick gasy froggy, mud, oil emulsion

Recovered 120 ft. of gasy muddy oil cut water scum of oil

Recovered 540 ft. of clean salt water

Recovered ft. of

Remarks:

Time Set Packer(s) 8:00 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 10:00 ~~A.M.~~ ~~P.M.~~ - Maximum Temperature 137

Initial Hydrostatic Pressure			(A)	2033	P.S.I.	
Initial Flow Period	Minutes 30		(B)	42	P.S.I. to (C)	207 P.S.I.
Initial Closed In Period	Minutes 30		(D)	1249	P.S.I.	
Final Flow Period	Minutes 30		(E)	269	P.S.I. to (F)	352 P.S.I.
Final Closed In Period	Minutes 30		(G)	1255	P.S.I.	
Final Hydrostatic Pressure			(H)	2033	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 9-10-80 Test Ticket No. 5918

Recorder No. 2605 Capacity 4150 Location 3981 Ft.

Clock No. - Elevation 1175 Kelly Bushing Well Temperature 137 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2033	P.S.I.
B	First Initial Flow Pressure	42	P.S.I.
C	First Final Flow Pressure	207	P.S.I.
D	Initial Closed-in Pressure	1249	P.S.I.
E	Second Initial Flow Pressure	269	P.S.I.
F	Second Final Flow Pressure	352	P.S.I.
G	Final Closed-in Pressure	1255	P.S.I.
H	Final Hydrostatic Mud	2033	P.S.I.

	Time Given		Time Computed	
Open Tool	8:00A	M		
First Flow Pressure	30	Mins.	30	Mins.
Initial Closed-in Pressure	30	Mins.	30	Mins.
Second Flow Pressure	30	Mins.	30	Mins.
Final Closed-in Pressure	30	Mins.	30	Mins.

PRESSURE BREAKDOWN

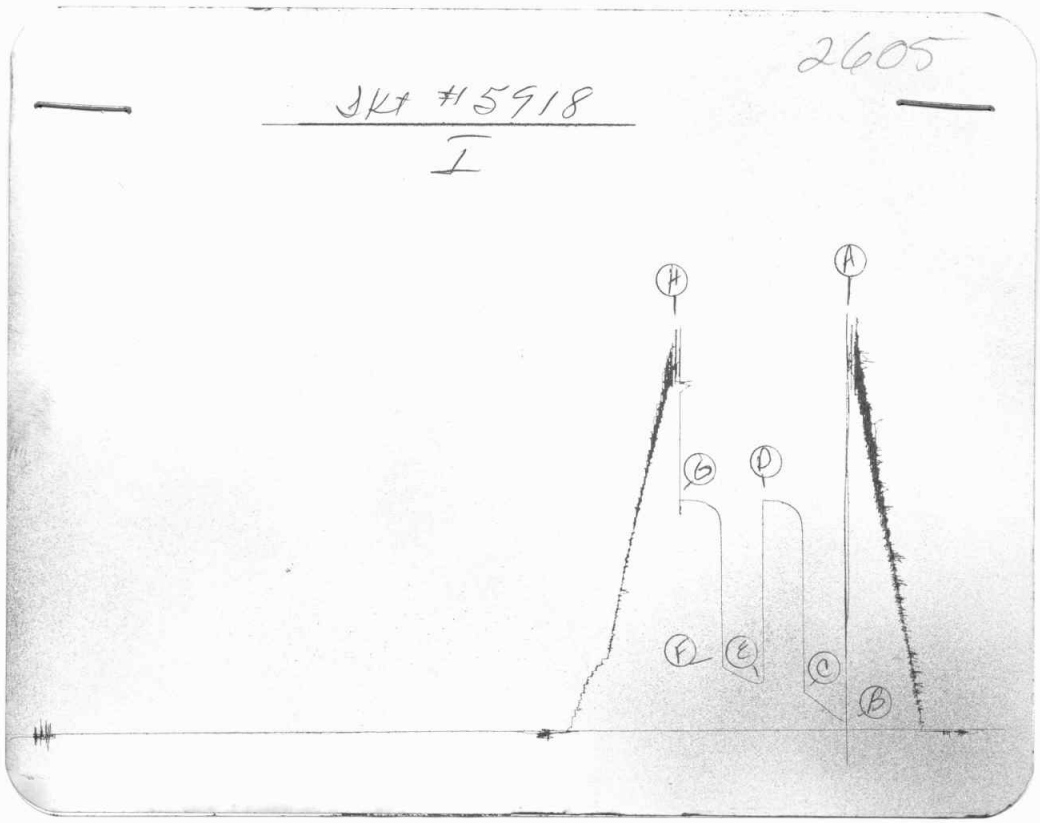
First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

Final Shut-In
Breakdown: 10 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 0	42	0	207	0	269	0	352
P 2 5	61	3	1149	5	262	3	1155
P 3 10	88	6	1190	10	273	6	1203
P 4 15	118	9	1211	15	291	9	1217
P 5 20	146	12	1226	20	309	12	1232
P 6 25	176	15	1238	25	328	15	1244
P 7 30	207	18	1244	30	352	18	1248
P 8		21	1248			21	1250
P 9		24	1249			24	1252
P10		27	1249			27	1254
P11		30	1249			30	1255
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	2037	2033	PSI
(B)	First Initial Flow Pressure	31	42	PSI
(C)	First Final Flow Pressure	201	207	PSI
(D)	Initial Closed-in Pressure	1242	1249	PSI
(E)	Second Initial Flow Pressure	254	269	PSI
(F)	Second Final Flow Pressure	349	352	PSI
(G)	Final Closed-in Pressure	1242	1255	PSI
(H)	Final Hydrostatic Mud	2037	2033	PSI

COMPANY A.L. ABERCROMBIE, INC. LEASE AND WELL NO. POSEY #1 SEC. 17 TWP. 34 S RGE. 1 E TEST NO. 7 DATE 9/10/80