

This is an actual photograph of recorder chart.

Test #1

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1757	1742	PSI
(B) First Initial Flow Pressure	68	70	PSI
(C) First Final Flow Pressure	68	70	PSI
(D) Initial Closed-in Pressure	662	671	PSI
(E) Second Initial Flow Pressure	68	73	PSI
(F) Second Final Flow Pressure	68	83	PSI
(G) Final Closed-in Pressure	617	621	PSI
(H) Final Hydrostatic Mud	1746	1742	PSI



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

Company Vincent Oil Corporation Lease & Well No. Halton #1
Location 1649 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 15569
Date 5/23/82 Sec. 25 Twp. 21S Range 9W County Rice State Kansas
Approved by Larry Friend Western Representative Dan Delaney

Formation Test No. 1 Interval Tested from 3338 ft. to 3353 ft. Total Depth 3353 ft.
Packer Depth 3338 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3333 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3340 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 3343 ft. Recorder Number 6077 Cap. 4700
Flow Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Woodman-Iannitti Drlg. Rig #3 Drill Collar Length 180 I. D. 2.2 in.
Mud Type starch Viscosity 38 Weight Pipe Length 372 I. D. 2.7 in.
Weight 9.8 Water Loss 14.4 cc. Drill Pipe Length 2763 I. D. 3.8 in.
Solids 58,000 P.P.M. Test Tool Length 23 ft. Tool Size 4-3/8 in.
Packer Make - Serial Number - Anchor Length 15 ft. Size 5-3/8 in.
Is Well Flow? Gas 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 3/8 in.

Flow: Initial flow period fair blow building to a strong blow. Gas to surface in twenty-six minutes. See attached sheet for gas measurements. Final flow period strong blow.

Recovered 130 ft. of gas cut mud
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -

Remarks: Slid tool three feet to bottom.

Time Set Packer(s) 3:45 ^{A.M.}/_{P.M.} Time Started Off Bottom 7:15 ^{A.M.}/_{P.M.} Maximum Temperature 105°
Initial Hydrostatic Pressure (A) 1742 P.S.I.
Initial Flow Period Minutes 45 (B) 70 P.S.I. to (C) 70 P.S.I.
Initial Closed In Period Minutes 42 (D) 671 P.S.I.
Final Flow Period Minutes 60 (E) 73 P.S.I. to (F) 83 P.S.I.
Final Closed In Period Minutes 60 (G) 621 P.S.I.
Final Hydrostatic Pressure (H) 1742 P.S.I.

Home Office: Wichita, Kansas 67201

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GAS FLOW REPORT

Date 5/23/82 Ticket 15569 Company Vincent Oil Corporation
 Well Name and No. Halton #1 Dst No. 1 Interval Tested 3338'-3353'
 County Rice State Kansas Sec. 25 Twp. 21S Rg. 9W

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 twenty-six minutes. PRE FLOW

35 min.	25" of water	1/4" orifice			8,560 CFPD
45 min.	22" of water	1/4" orifice			7,880 CFPD

SECOND FLOW

1 min.	11" of water	1" orifice			85,900 CFPD
10 min.	22" of water	1/4" orifice			7,880 CFPD
20 min.	23" of water	1/4" orifice			8,000 CFPD
30 min.	20" of water	1/2" orifice			28,000 CFPD
40 min.	5" of water	1/4" orifice			3,710 CFPD
50 min.	22" of water	1/4" orifice			7,880 CFPD
60 min.	14" of water	1/4" orifice			6,330 CFPD

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced 5/23/82

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 piug 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 Vincent Oil Corporation
 Authorized by Larry Friend

Pressure Data

Date 5/23/82

Test Ticket No. 15569

Recorder No. 6234

Capacity 4500

Location 3340

Clock No. -- Elevation 1649 Ground Level

Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	1742	P.S.I.	3:45P	M
B. First Initial Flow Pressure	70	P.S.I.	45	45
C. First Final Flow Pressure	70	P.S.I.	45	42
D. Initial Closed-in Pressure	671	P.S.I.	60	60
E. Second Initial Flow Pressure	73	P.S.I.	60	60
F. Second Final Flow Pressure	83	P.S.I.		
G. Final Closed-in Pressure	621	P.S.I.		
H. Final Hydrostatic Mud	1742	P.S.I.		

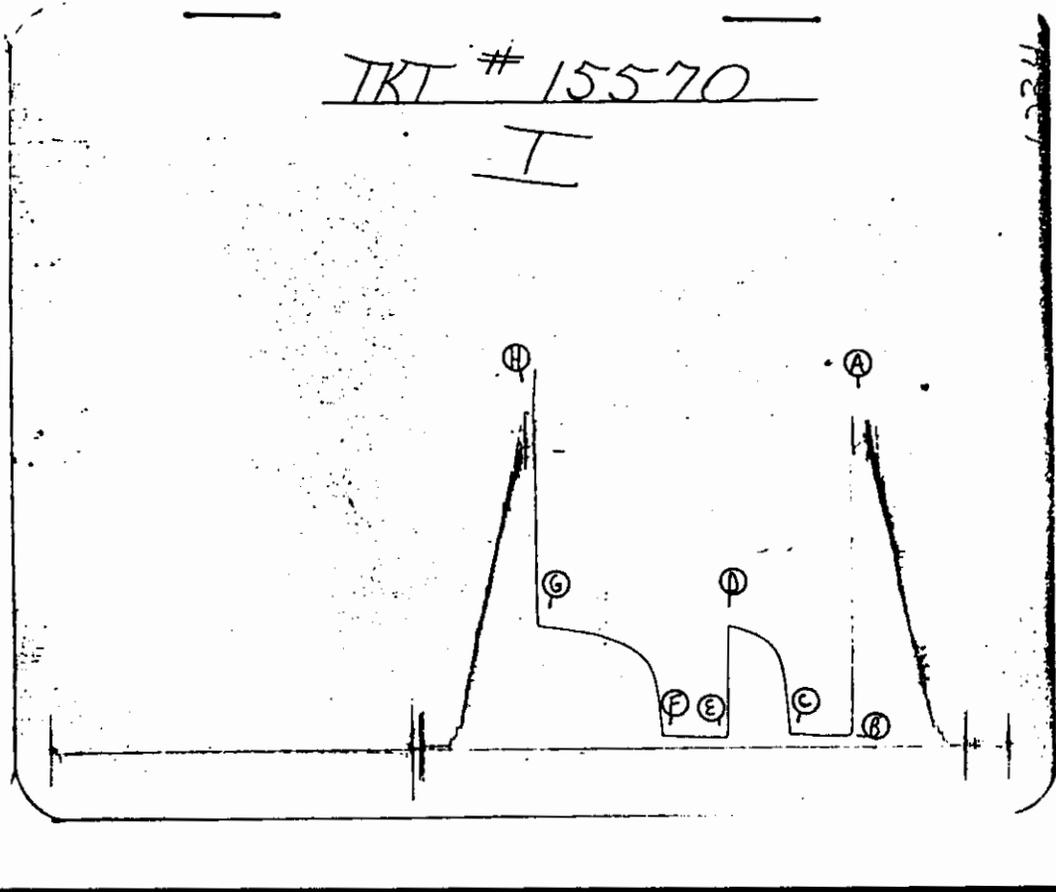
PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>14</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>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.
P 1	0	0	70	0	73	0	83
P 2	5	3	344	5	73	3	257
P 3	10	6	444	10	74	6	339
P 4	15	9	509	15	74	9	392
P 5	20	12	544	20	76	12	430
P 6	25	15	572	25	78	15	456
P 7	30	18	592	30	80	18	478
P 8	35	21	607	35	80	21	498
P 9	40	24	623	40	80	24	514
P10	45	27	633	45	80	27	528
P11		30	643	50	81	30	539
P12		33	652	55	82	33	550
P13		36	660	60	83	36	560
P14		39	668			39	571
P15		42	671			42	579
P16						45	590
P17						48	600
P18						51	608
P19						54	615
P20						57	620
						60	621

TKT # 15570

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This is an actual photograph of recorder chart.

Test #2

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1769	1760	PSI
(B) First Initial Flow Pressure	68	69	PSI
(C) First Final Flow Pressure	73	80	PSI
(D) Initial Closed-in Pressure	718	721	PSI
(E) Second Initial Flow Pressure	73	63	PSI
(F) Second Final Flow Pressure	80	78	PSI
(G) Final Closed-in Pressure	718	730	PSI
(H) Final Hydrostatic Mud	1757	1760	PSI



Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Vincent Oil Corporation Lease & Well No. Haltom #1
 Elevation 1649 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 15570
 Date 5/ 24/82 Sec 25 Twp 21S Range 9W County Rice State Kansas
 Test Approved by Larry Friend Western Representative Dan Delaney

Formation Test No. 2 Interval Tested from 3346 ft. to 3373 ft. Total Depth 3373 ft.
 Packer Depth 3346 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Packer Depth 3341 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3349 ft. Recorder Number 6234 Cap 4500
 Bottom Recorder Depth (Outside) 3352 ft. Recorder Number 6077 Cap 4700
 Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor Woodman-Iannitti Drlg. Rig #3 Drill Collar Length 180 I. D. 2.2 in.
 Mud Type starch Viscosity ---- Weight Pipe Length 372 I. D. 2.7 in.
 Weight --- Water Lost --- cc. Drill Pipe Length 2771 I. D. 3.8 in.
 Chlorides ----- P.P.M. Test Tool Length 23 ft. Tool Size 4-1/2 in.
 Jars: Make --- Serial Number - Anchor Length 27 ft. Size 5 in.
 Did Well Flow? GAS 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 in.

Blow: Initial flow period fair blow building to a strong blow. Gas to surface in twentyone minutes
Final flow period strong blow. See attached sheet for gas measurements.

Recovered 120 ft. of gas cut mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks: Geologist wanted sixty minute final shut-in but crew was working on rig and had to let set another thirty-five additional minutes.

Time Set Packer(s)	6:50	A.M.	Time Started Off Bottom	10:40	A.M.	Maximum Temperature	105°
		P.M.			P.M.		
Initial Hydrostatic Pressure			(A)	1760		P.S.I.	
Initial Flow Period			Minutes	45	(B)	69	P.S.I. to (C) 80 P.S.I.
Initial Closed In Period			Minutes	45	(D)	721	P.S.I.
Final Flow Period			Minutes	45	(E)	63	P.S.I. to (F) 78 P.S.I.
Final Closed In Period			Minutes	93	(G)	730	P.S.I.
Final Hydrostatic Pressure			(H)	1760		P.S.I.	



Home Office: Wichita, Kansas 67201

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GAS FLOW REPORT

Date 5/24/82 Ticket 15570 Company Vincent Oil Corporation
 Well Name and No. Halton #1 Dst No. 2 Interval Tested 3346'-3373'
 County Rice State Kansas Sec. 25 Twp. 21S Rg. 9W

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 twenty-one minutes. PRE FLOW

25 min.	24" of water			1/4" orifice	8,220 CFPD
35 min.	19" of water			1/4" orifice	7,320 CFPD
45 min.	3" of water			1/2" orifice	10,900 CFPD

SECOND FLOW

1 min.	7" of water			1" orifice	68,300 CFPD
10 min.	2" of water			1/2" orifice	8,870 CFPD
20 min.	18" of water			1/4" orifice	7,120 CFPD
30 min.	3" of water			1/2" orifice	10,900 CFPD
40 min.	2" of water			1/2" orifice	8,870 CFPD

GAS BOTTLE

Serial No. ---- Date Bottle Filled --- Date to be Invoiced 5/24/82

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 Vincent Oil Corporation
 Authorized by Larry Friend

Pressure Data

Date 5/24/82 Test Ticket No. 15570
 Recorder No. 6234 Capacity 4500 Location 3349 Ft.
 Clock No. -- Elevation 1649 Ground Level Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1760	P.S.I.	6:50A	M
B First Initial Flow Pressure	69	P.S.I.	45	Mins. 45 Mins.
C First Final Flow Pressure	80	P.S.I.	45	Mins. 45 Mins.
D Initial Closed-in Pressure	721	P.S.I.	45	Mins. 45 Mins.
E Second Initial Flow Pressure	63	P.S.I.	95	Mins. 93 Mins.
F Second Final Flow Pressure	78	P.S.I.		
G Final Closed-in Pressure	730	P.S.I.		
H Final Hydrostatic Mud	1760	P.S.I.		

PRESSURE BREAKDOWN

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

Initial Shut-In
 Breakdown: 15 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: 31 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point	Min.	Press.	Point	Min.	Press.	Point	Min.	Press.
P 1	0	69	0	0	80	0	0	78
P 2	5	69	3	3	310	3	3	78
P 3	10	70	6	6	468	6	6	316
P 4	15	70	9	9	541	9	9	417
P 5	20	72	12	12	587	12	12	482
P 6	25	74	15	15	615	15	15	520
P 7	30	76	18	18	635	18	18	545
P 8	35	78	21	21	651	21	21	565
P 9	40	79	24	24	666	24	24	583
P10	45	80	27	27	677	27	27	599
P11			30	30	687	30	30	612
P12			33	33	696	33	33	623
P13			36	36	704	36	36	634
P14			39	39	712	39	39	642
P15			42	42	717	42	42	651
P16			45	45	721	45	45	658
P17						48	48	668
P18						51	51	675
P19						54	54	680
P20						57	57	685
						60	60	689

Pressure Data

Date 5/24/82

Test Ticket No. 15570

Recorder No. 6234 Capacity 4500 Location 3349 Ft.

Clock No. -- Elevation 1649 Ground Level Well Temperature 105 °F

Point	Pressure			Time Given	Time Computed
A	1760	P.S.I.	Open Tool	6:50A	M
B	69	P.S.I.	First Flow Pressure	45	Mins. 45 Mins.
C	80	P.S.I.	Initial Closed-in Pressure	45	Mins. 45 Mins.
D	721	P.S.I.	Second Flow Pressure	45	Mins. 45 Mins.
E	63	P.S.I.	Final Closed-in Pressure	95	Mins. 93 Mins.
F	78	P.S.I.			
G	730	P.S.I.			
H	1760	P.S.I.			

PRESSURE BREAKDOWN

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

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

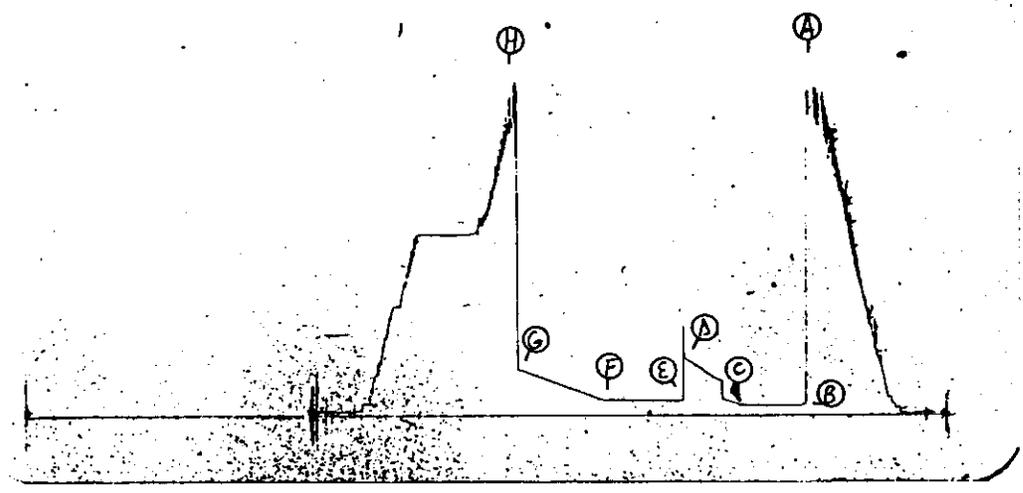
Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 31 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Initial Shut-In		Second Flow Pressure		Final Shut-In	
		Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	694
P 2						66	697
P 3						69	702
P 4						72	705
P 5						75	708
P 6						78	711
P 7						81	714
P 8						84	718
P 9						87	722
P10						90	725
P11						93	730
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TRT # 15571
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6234



This is an actual photograph of recorder chart.

Test #3

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1780	1787	PSI
(B) First Initial Flow Pressure	57	59	PSI
(C) First Final Flow Pressure	57	61	PSI
(D) Initial Closed-in Pressure	344	342	PSI
(E) Second Initial Flow Pressure	91	88	PSI
(F) Second Final Flow Pressure	91	93	PSI
(G) Final Closed-in Pressure	263	274	PSI
(H) Final Hydrostatic Mud	1769	1740	PSI



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

Company Vincent Oil Corporation Lease & Well No. Halton #1
 Location 1649 Ground Level Formation Mississippi Effective Pay - Ft. Ticker No. 15571
 Date 5/24 /82 Sec. 25 Twp. 21S Range 9W County Rice State Kansas
 Test Approved by Larry Friend Western Representative Dan Delaney

Formation Test No. 3 Interval Tested from 3373 ft. to 3393 ft. Total Depth 3393 ft.
 Packer Depth 3373 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Packer Depth 3368 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3385 ft. Recorder Number 6234 Cap. 4500
 Bottom Recorder Depth (Outside) 3388 ft. Recorder Number 6077 Cap. 4700
 Blow Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Woodman-Iamitti Drlg. Rig #3 Drill Collar Length 180 I. D. 2.2 in.
 Mud Type starch Viscosity 44 Weight Pipe Length 372 I. D. 2.7 in.
 Weight 9.8 Water Loss 14.6 cc. Drill Pipe Length 2798 I. D. 3.8 in.
 Chlorides 53,000 P.P.M. Test Tool Length 23 ft. Tool Size 4-1/2 in.
 Tools: Make - Serial Number - Anchor Length 20 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 in.

Remarks: Weak blow increasing to a good blow throughout test.

Discovered 360 ft. of gas in pipe
 Discovered 100 ft. of mud
 Discovered ft. of
 Discovered ft. of
 Discovered ft. of

Remarks:

Time Set	Packer(s)	Time Started	Off Bottom	Maximum Temperature
6:50	-A.M. P.M.	10:20	-A.M. P.M.	108°
Initial Hydrostatic Pressure		(A)	1787	PSI
Initial Flow Period	Minutes	45	(B)	59
Initial Closed In Period	Minutes	45	(D)	342
Final Flow Period	Minutes	60	(E)	88
Final Closed In Period	Minutes	63	(G)	274
Final Hydrostatic Pressure		(H)	1740	PSI

Pressure Data

Date: 5/24/82 Test Ticket No. 15571
 Recorder No. 6234 Capacity 4500 Location 3385 Ft.

Clock No. --- Elevation 1649 Ground Level Well Temperature 108 °F

Point	Pressure			Time Given	Time Computed
		P.S.I.			
A. Initial Hydrostatic Mud	1787	P.S.I.	Open Tool	6:50P	M
B. First Initial Flow Pressure	59	P.S.I.	First Flow Pressure	45	45
C. First Final Flow Pressure	61	P.S.I.	Initial Closed-in Pressure	45	45
D. Initial Closed-in Pressure	342	P.S.I.	Second Flow Pressure	60	60
E. Second Initial Flow Pressure	88	P.S.I.	Final Closed-in Pressure	60	63
F. Second Final Flow Pressure	93	P.S.I.			
G. Final Closed-in Pressure	274	P.S.I.			
H. Final Hydrostatic Mud	1740	P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</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>21</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	59	0	61	0	88	0	93	0
P 2	59	3	69	3	88	5	102	3
P 3	59	6	75	6	88	10	111	6
P 4	59	9	83	9	88	15	122	9
P 5	60	12	89	12	89	20	131	12
P 6	60	15	121	15	90	25	139	15
P 7	60	18	212	18	91	30	149	18
P 8	61	21	223	21	92	35	155	21
P 9	61	24	239	24	92	40	165	24
P10	61	27	256	27	93	45	172	27
P11		30	274	30	93	50	180	30
P12		33	290	33	93	55	189	33
P13		36	305	36	93	60	200	36
P14		39	321	39			209	39
P15		42	337	42			217	42
P16		45	342	45			225	45
P17							235	48
P18							243	51
P19							252	54
P20							263	57
							270	60
							274	63