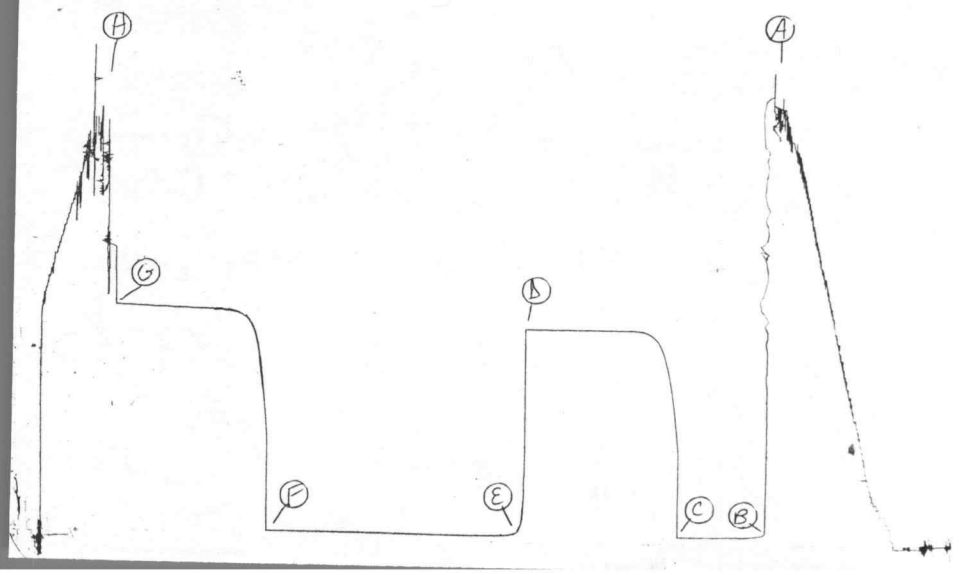
IKT #9110

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Company Imperial Oil Company Lease & Well No. Grimm Unit #2-2

Elevation 2117 Kelly Bushing Formation Cherokee Sand Effective Pay -- Ft. Ticket No. 9110

Date 1/13/81 Sec. 2 Twp. 28S Range 16W County Kiowa State Kansas

Test Approved by Hal Clark Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 4587 ft. to 4645 ft. Total Depth 4645 ft.

Packer Depth 4582 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4587 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4591 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4594 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Eagle Drilling Co. Rig #1 Drill Collar Length 368 I. D. 2¼ in.

Mud Type premix-drispac Viscosity 46 Weight Pipe Length 1002 I. D. 2½ in.

Weight 9.2 Water Loss 16.8 cc. Drill Pipe Length 3219 I. D. 3.8 in.

Chlorides 18,000 P.P.M. Test Tool Length 28 ft. Tool Size 5½OD in.

Jars: Make WTC Serial Number 409 Anchor Length 30 + 28 = 58 ft. Size 6 + 5½OD 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 4½FH in.

Blow: Strong blow on initial flow; Gas to surface twenty-five minutes. See attached sheet for gas measurements.

Recovered 90 ft. of gas cut drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:45 ~~A.M.~~ P.M. Time Started Off Bottom 12:45 A.M. ~~P.M.~~ Maximum Temperature 132°

Initial Hydrostatic Pressure			(A) 2403	P.S.I.		
Initial Flow Period	Minutes 65	(B) 56	P.S.I. to	(C) 41	P.S.I.	
Initial Closed In Period	Minutes 114	(D) 1143	P.S.I.			
Final Flow Period	Minutes 185	(E) 52	P.S.I. to	(F) 51	P.S.I.	
Final Closed In Period	Minutes 114	(G) 1250	P.S.I.			
Final Hydrostatic Pressure			(H) 2316	P.S.I.		

GAS FLOW REPORT

Date 1/13/81 Ticket 9110 Company Imperial Oil Company

Well Name and No. Grimm #2-2 Dst No. 1 Interval Tested 4587-4645'

County Kiowa State Kansas Sec. 2 Twp. 28S 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						
4:45 PM	Tool open					
	25 min.					Gas to surface
	35min.	7" of water		1/2" orifice		16,700 CFPD
	45 min.	8" of water		1/2" orifice		17,200 CFPD
	55 min.	10" of water		1/2" orifice		19,900 CFPD
	50 min.	11" of water		1/2" orifice		20,900 CFPD
SECOND FLOW						
	10 min.	2.0 PSIG		1/2" orifice		47,700 CFPD
	20 min.	3.0 PSIG		1/2" orifice		59,200 CFPD
	30 min.	3.0 PSIG		1/2" orifice		59,200 CFPD
	40 min.	3.0 PSIG		1/2" orifice		59,200 CFPD
	50 min.			1/2" orifice		59,200 CFPD
	60 min.	2.0 PSIG		1/2" orifice		47,700 CFPD
	70 min.	2.0 PSIG		1/2" orifice		47,700 CFPD
	80 min.	2.0 PSIG		1/2" orifice		47,700 CFPD
	90 min.	1.5 PSIG		1/2" orifice		41,000 CFPD
	100 min.	1.5 PSIG		1/2" orifice		41,000 CFPD
	110 min.	1.5 PSIG		1/2" orifice		41,000 CFPD
	120 min.	1.5 PSIG		1/2" orifice		41,000 CFPD
	140 min.	1.5 PSIG		1/2" orifice		41,000 CFPD
	160 min.	1.5 PSIG		1/2" orifice		41,000 CFPD
	180 min.	1.5 PSIG		1/2" orifice		41,000 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled -- Date to be Invoiced 1/13/81

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 1½% 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 Imperial Oil Company

Authorized by Hal Clark

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 1/13/81 Test Ticket No. 9110

Recorder No. 2606 Capacity 4150 Location 4591 Ft.

Clock No. ----- Elevation 2117 Kelly Bushing Well Temperature 132 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2403	P.S.I.
B	First Initial Flow Pressure	56	P.S.I.
C	First Final Flow Pressure	41	P.S.I.
D	Initial Closed-in Pressure	1143	P.S.I.
E	Second Initial Flow Pressure	52	P.S.I.
F	Second Final Flow Pressure	51	P.S.I.
G	Final Closed-in Pressure	1250	P.S.I.
H	Final Hydrostatic Mud	2316	P.S.I.

	Time Given	Time Computed
Open Tool	4:45P M	
First Flow Pressure	60 Mins.	65 Mins.
Initial Closed-in Pressure	120 Mins.	114 Mins.
Second Flow Pressure	180 Mins.	185 Mins.
Final Closed-in Pressure	120 Mins.	114 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	56
P 2 5	48
P 3 10	44
P 4 15	44
P 5 20	43
P 6 25	42
P 7 30	41
P 8 35	41
P 9 40	41
P10 45	41
P11 50	41
P12 55	41
P13 60	41
P14 65	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 38 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	41
3	670
6	825
9	938
12	1017
15	1068
18	1097
21	1116
24	1126
27	1135
30	1139
33	1139
36	1140
39	1140
42	1140
45	1141
48	1141
51	1141
54	1141
57	1142
60	1142

Second Flow Pressure
Breakdown: 37 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	52
5	48
10	42
15	40
20	40
25	40
30	40
35	40
40	40
45	40
50	40
55	40
60	40
65	41
70	42
75	43
80	43
85	44
90	45
95	46
100	46

Final Shut-In
Breakdown: 38 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	51
3	713
6	908
9	1041
12	1122
15	1166
18	1190
21	1203
24	1217
27	1224
30	1228
33	1230
36	1231
39	1232
42	1233
45	1234
48	1234
51	1235
54	1235
57	1236
60	1236

continued continued continued next page

WESTERN TESTING CO., INC.
Pressure Data

Date 1/13/81 Test Ticket No. 9110

Recorder No. 2606 Capacity 4150 Location 4591 Ft.

Clock No. ----- Elevation 2117 Kelly Bushing Well Temperature 132 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2403 P.S.I.	Open Tool		4:45P M	
B	First Initial Flow Pressure	56 P.S.I.	First Flow Pressure		60 Mins.	65 Mins.
C	First Final Flow Pressure	41 P.S.I.	Initial Closed-in Pressure		120 Mins.	114 Mins.
D	Initial Closed-in Pressure	1143 P.S.I.	Second Flow Pressure		180 Mins.	185 Mins.
E	Second Initial Flow Pressure	52 P.S.I.	Final Closed-in Pressure		120 Mins.	114 Mins.
F	Second Final Flow Pressure	51 P.S.I.				
G	Final Closed-in Pressure	1250 P.S.I.				
H	Final Hydrostatic Mud	2316 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 38 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 37 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 38 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	1143	105	47	63	1237
P 2		66	1143	110	47	66	1237
P 3		69	1143	115	48	69	1238
P 4		72	1143	120	48	72	1239
P 5		75	1143	124	49	75	1240
P 6		78	1143	130	49	78	1240
P 7		81	1143	135	49	81	1241
P 8		84	1143	140	50	84	1242
P 9		87	1143	145	50	87	1243
P10		90	1143	150	50	90	1244
P11		93	1143	155	50	93	.245
P12		96	1143	160	51	96	1246
P13		99	1143	165	51	99	1246
P14		102	1143	170	51	102	1247
P15		105	1143	175	51	105	1248
P16		108	1143	180	51	108	1249
P17		111	1143	185	51	111	1249
P18		114	1143			114	1250
P19							
P20							

Company Imperial Oil Company — Lease & Well No. Grimm Unit #2-2

Elevation 2117 Kelly Bushing — Formation Mississippi — Effective Pay - Ft. — Ticket No. 9111

Date 1/14/81 — Sec. 2 — Twp. 28S — Range 16W — County Kiowa — State Kansas

Test Approved by Hal Clark — Western Representative Rod Tritt - Mark Auzat

Formation Test No. 2 — Interval Tested from 4659 ft. to 4670 ft. — Total Depth 4670 ft.

Packer Depth 4654 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4659 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4660 ft. — Recorder Number 2606 — Cap. 4150

Bottom Recorder Depth (Outside) 4663 ft. — Recorder Number 4332 — Cap. 4200

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

Drilling Contractor Eagle Rig #1 — Drill Collar Length 368 — I. D. 2¼ in.

Mud Type Premix Drispac — Viscosity 60 — Weight Pipe Length 1002 — I. D. 2½ in.

Weight 9.3 — Water Loss 13.2 cc. — Drill Pipe Length - — I. D. 3.8 in.

Chlorides 26,000 P.P.M. — Test Tool Length 28 ft. — Tool Size 5½OD in.

Jars: Make WTC — Serial Number 409 — Anchor Length 11 ft. — Size 5½OD 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 4½FH in.

Blow:

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: MISRUN - PACKER SEAT FAILURE

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

Initial Hydrostatic Pressure ..... (A) 2429 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.

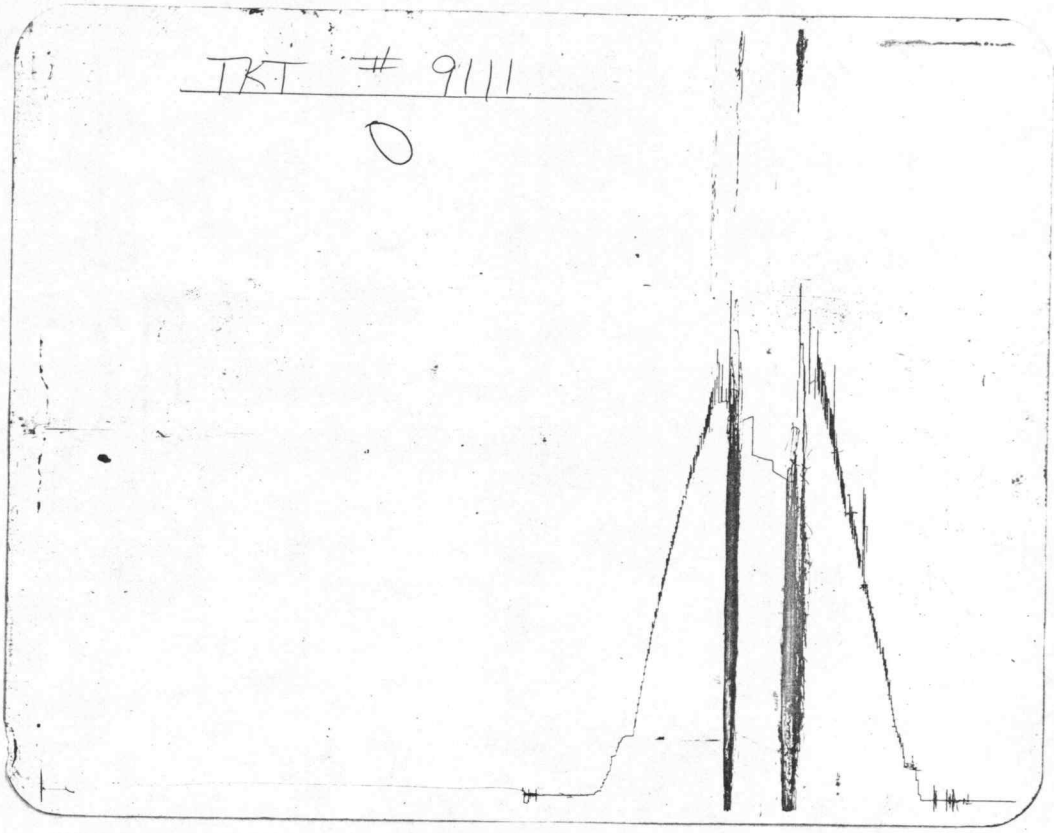
Final Flow Period ..... Minutes - (E) - P.S.I. to (F) - P.S.I.

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

Final Hydrostatic Pressure ..... (H) 2477 P.S.I.

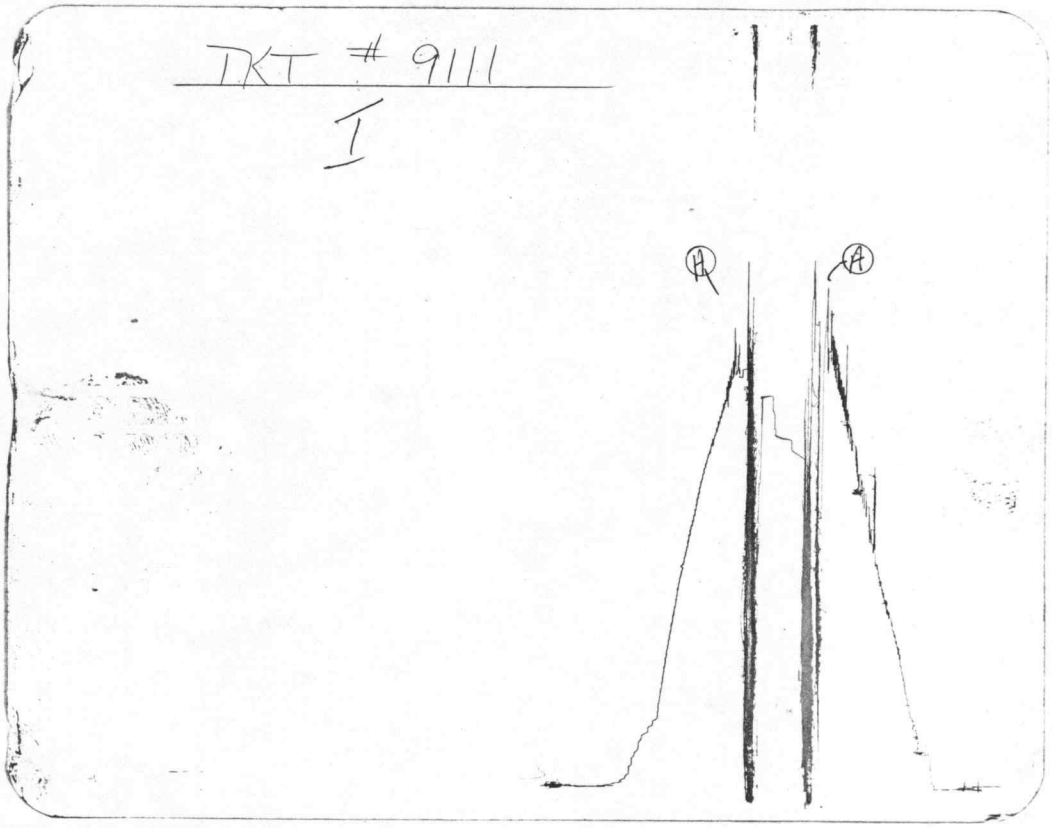
IKT # 9111

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IKT # 9111

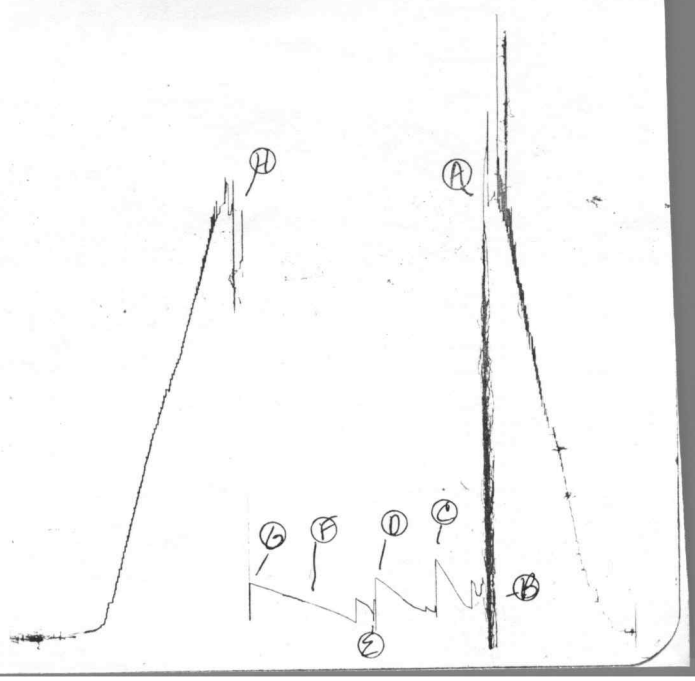
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2666 DST #3

DKT. # 9112

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Company Imperial Oil Company — Lease & Well No. Grimm Unit #2-2

Elevation 2117 Kelly Bushing — Formation Mississippi — Effective Pay - Ft. — Ticket No. 9112

Date 1/14/81 — Sec. 2 — Twp. 28S — Range 16W — County Kiowa — State Kansas

Test Approved by Hal Clark — Western Representative Rod Tritt- Mark Auzat

Formation Test No. 3 — Interval Tested from 4661 ft. to 4670 ft. — Total Depth 4670 ft.

Packer Depth 4655 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4661 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4660 ft. — Recorder Number 2606 — Cap. 4150

Bottom Recorder Depth (Outside) 4663 ft. — Recorder Number 4332 — Cap. 4200

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

Drilling Contractor Eagle Rig #1 — Drill Collar Length 368 — I. D. 2¼ in.

Mud Type Drispac — Viscosity 60 — Weight Pipe Length 1002 — I. D. 2½ in.

Weight 9.3 — Water Loss 13.2 cc. — Drill Pipe Length 3263 — I. D. 3.5 in.

Chlorides 26,000 P.P.M. — Test Tool Length 28 ft. — Tool Size 5½OD in.

Jars: Make WTC — Serial Number 409 — Anchor Length 9 ft. — Size 5½OD 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 4½FH in.

Blow: Weak blow decreasing to no blow- 40 minutes on initial flow period. No blow on final flow period.

Recovered 65 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: tool shows plugging action on flow periods.

Time Set Packer(s) 7:45 ~~A.M.~~ P.M. — Time Started Off Bottom 10:45 ~~A.M.~~ P.M. — Maximum Temperature 125

Initial Hydrostatic Pressure (A) 2332 P.S.I.

Initial Flow Period Minutes 45 (B) PLUGGED P.S.I. to (C) 94 * P.S.I.

Initial Closed In Period Minutes 45 (D) 304 P.S.I.

Final Flow Period Minutes 45 (E) 73 * P.S.I. to (F) 173 P.S.I.

Final Closed In Period Minutes 45 (G) 283 P.S.I.

Final Hydrostatic Pressure (H) 2293 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 1/14/81 Test Ticket No. 9112

Recorder No. 2606 Capacity 4150 Location 4660 Ft.

Clock No. -- Elevation 2117 Kelly Bushing Well Temperature 125 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2332 P.S.I.		Open Tool	7:45P M	
B	First Initial Flow Pressure	PLUGGED P.S.I.		First Flow Pressure	45 Mins.	45 Mins.
C	First Final Flow Pressure	94 * P.S.I.		Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	304 P.S.I.		Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	73 * P.S.I.		Final Closed-in Pressure	45 Mins.	45 Mins.
F	Second Final Flow Pressure	173 P.S.I.				
G	Final Closed-in Pressure	283 P.S.I.				
H	Final Hydrostatic Mud	2293 P.S.I.				

*Questionable due to plugging action

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	PLUGGED
P 2 5	PLUGGED
P 3 10	PLUGGED
P 4 15	204 *
P 5 20	139 *
P 6 25	179 *
P 7 30	220 *
P 8 35	279 *
P 9 40	343 *
P10 45	400 *
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	94 *
3	125 *
6	139 *
9	127 *
12	137
15	144
18	160
21	177
24	193
27	214
30	231
33	248
36	266
39	283
42	297
45	304

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

Point Minutes	Press.
0	73 *
5	166*
10	189*
15	81
20	98
25	116
30	131
35	146
40	160
45	173

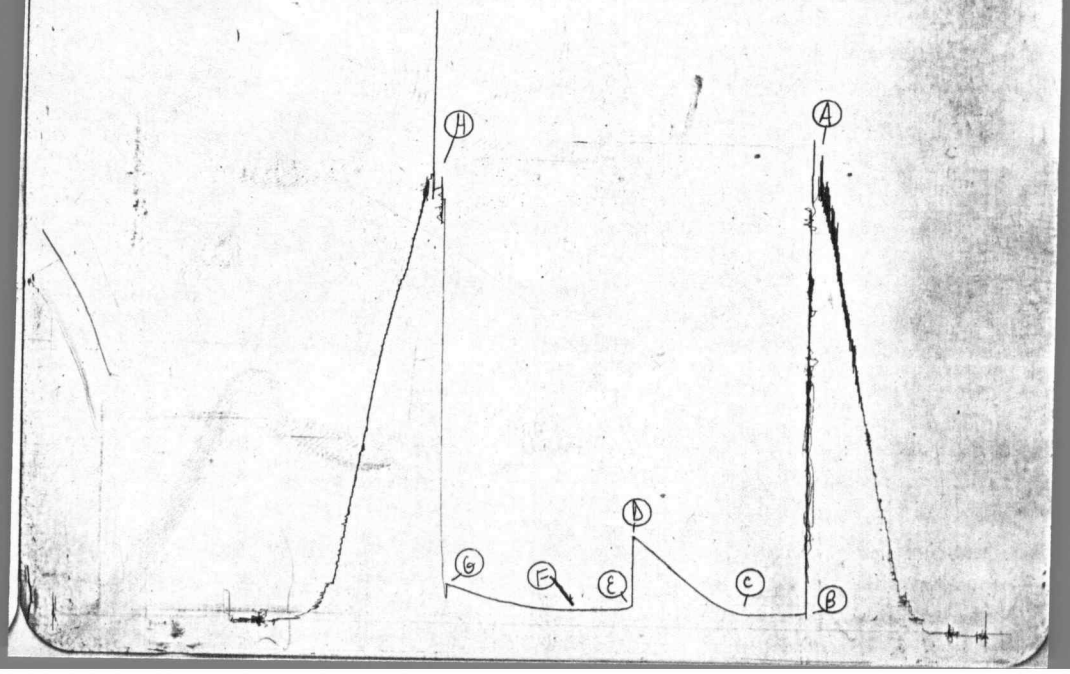
Final Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	173
3	181
6	189
9	198
12	206
15	212
18	218
21	225
24	235
27	241
30	250
33	256
36	264
39	270
42	279
45	283

WTC - 4

TKT # 9113

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Company Imperial Oil Company — Lease & Well No. Grimm Unit #2-2

Elevation 2117 Kelly Bushing — Formation Kinderhook Sand — Effective Pay - Ft. — Ticket No. 9113

Date 1/15/81 — Sec. 2 — Twp. 28S — Range 16W — County Kiowa — State Kansas

Test Approved by Hal Clark — Western Representative Rod Tritt

Formation Test No. 4 — Interval Tested from 4662 ft. to 4715 ft. — Total Depth 4715 ft.

Packer Depth 4657 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4662 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4666 ft. — Recorder Number 2606 — Cap. 4150

Bottom Recorder Depth (Outside) 4669 ft. — Recorder Number 4332 — Cap. 4200

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

Drilling Contractor Eagle Drilling Rig #1 — Drill Collar Length 368 — I. D. 2¼ in.

Mud Type Premix Drispac — Viscosity 49 — Weight Pipe Length 1002 — I. D. 2½ in.

Weight 9.3 — Water Loss 10.8 cc. — Drill Pipe Length 3295 — I. D. 3.8 in.

Chlorides 28,000 P.P.M. — Test Tool Length 28 ft. — Tool Size 5½OD in.

Jars: Make WTC — Serial Number 409 — Anchor Length 31 + 22 ft. — Size 4 + 5½ 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 4½FH in.

Blow: Fair blow decreasing to very weak blow on initial flow period. Very weak - died in 10 minutes on final flow period.

Recovered 120 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Slid tool twelve to fifteen feet to bottom.

Time Set Packer(s) 1:30 A.M. P.M. — Time Started Off Bottom 6:00 A.M. P.M. — Maximum Temperature 130

Initial Hydrostatic Pressure (A) 2410 P.S.I.

Initial Flow Period Minutes 45 (B) 85 P.S.I. to (C) 73 P.S.I.

Initial Closed In Period Minutes 84 (D) 482 P.S.I.

Final Flow Period Minutes 45 (E) 110 P.S.I. to (F) 81 P.S.I.

Final Closed In Period Minutes 90 (G) 211 P.S.I.

Final Hydrostatic Pressure (H) 2345 P.S.I.

WTC

WESTERN TESTING CO., INC.
Pressure Data

Date 1/15/81 Test Ticket No. 9113

Recorder No. 2606 Capacity 4150 Location 4666 Ft.

Clock No. - Elevation 2117 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2410 P.S.I.	Open Tool	1:30P M	
B First Initial Flow Pressure	85 P.S.I.	First Flow Pressure	45 Mins.	45 Mins.
C First Final Flow Pressure	73 P.S.I.	Initial Closed-in Pressure	90 Mins.	84 Mins.
D Initial Closed-in Pressure	482 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	110 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	81 P.S.I.			
G Final Closed-in Pressure	211 P.S.I.			
H Final Hydrostatic Mud	2345 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	85
P 2 5	79
P 3 10	76
P 4 15	75
P 5 20	74
P 6 25	73
P 7 30	73
P 8 35	73
P 9 40	73
P10 45	73
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 28 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	73
3	74
6	81
9	88
12	94
15	103
18	113
21	127
24	137
27	154
30	168
33	185
36	202
39	220
42	237
45	256
48	274
51	292
54	308
57	327
60	347

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

Point Minutes	Press.
0	110
5	92
10	87
15	85
20	84
25	83
30	82
35	81
40	81
45	81

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	81
3	81
6	82
9	82
12	83
15	83
18	84
21	86
24	88
27	90
30	93
33	96
36	100
39	105
42	112
45	115
48	117
51	122
54	127
57	131
60	135

WTC - 4

CONT'D NEXT PAGE

CONT'D NEXT PAGE

WESTERN TESTING CO., INC.
Pressure Data

Date 1/15/81 Test Ticket No. 9113

Recorder No. 2606 Capacity 4150 Location 4666 Ft.

Clock No. - Elevation 2117 Kelly Bushing Well Temperature 130 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2410 P.S.I.		Open Tool	1:30P M	
B	First Initial Flow Pressure	85 P.S.I.		First Flow Pressure	45 Mins.	45 Mins.
C	First Final Flow Pressure	73 P.S.I.		Initial Closed-in Pressure	90 Mins.	84 Mins.
D	Initial Closed-in Pressure	482 P.S.I.		Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	110 P.S.I.		Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	81 P.S.I.				
G	Final Closed-in Pressure	211 P.S.I.				
H	Final Hydrostatic Mud	2345 P.S.I.				

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 28 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
63	363
66	380
69	400
72	416
75	435
78	452
81	467
84	482

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

Point Minutes	Press.

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
63	142
66	150
69	156
72	163
75	171
78	179
81	185
84	192
87	200
90	211

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