

Company Imperial Oil Company Lease & Well No. Lemon #2-18
Elevation 2070 Kelly Bushing Formation Marmaton Effective Pay - Ft. Ticket No. 12210
Date 8/15/81 Sec. 18 Twp. 27S Range 15W County Pratt State Kansas
Test Approved by Hal Clark Western Representative Glen Van Steenburg
Formation Test No. 1 Interval Tested from 4364 ft. to 4415 ft. Total Depth 4415 ft.
Packer Depth 4359 ft. Size 6 5/8 in. Packer Depth 4364 ft. Size 6 5/8 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4367 ft. Recorder Number 1563 Cap. 4200
Bottom Recorder Depth (Outside) 4370 ft. Recorder Number 1562 Cap. 3900
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor White & Ellis Drilling Rig #9 Drill Collar Length 303 I. D. 2.2 in.
Mud Type Chemical Monpac Viscosity 51 Weight Pipe Length - I. D. - in.
Weight 9.3 Water Loss 22.2 cc. Drill Pipe Length 4112 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 28 ft. Tool Size 4 1/2 in.
Jars: Make WTC Serial Number 408 Anchor Length 51 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: Initial flow period strong blow in 2 minutes. Gas to surface in 25 minutes. See attached sheet for gas measurements.

Recovered 300 ft. of gassy clean oil 36 gravity @ 82°
Recovered 420 ft. of gassy oily mud
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 12:30 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 6:15 ~~P.M.~~ ^{A.M.} Maximum Temperature 130
Initial Hydrostatic Pressure (A) 2157 P.S.I.
Initial Flow Period Minutes 60 (B) 142 P.S.I. to (C) 168 P.S.I.
Initial Closed In Period Minutes 117 (D) 1439 P.S.I.
Final Flow Period Minutes 60 (E) 190 P.S.I. to (F) 250 P.S.I.
Final Closed In Period Minutes 120 (G) 1392 P.S.I.
Final Hydrostatic Pressure (H) 2146 P.S.I.

GAS FLOW REPORT

Date 8/15/81 Ticket 12210 Company Imperial Oil Company
 Well Name and No. Lemon #2-18 Dst No. 1 Interval Tested 4364-4415
 County Pratt State Kansas Sec. 18 Twp. 27S Rg. 15W

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
Gas to surface in 25 minutes PRE FLOW						
	10 Min	9" water	1" Orifice			77,500 C.F.P.D.
	20 Min	7" water	1" Orifice			68,300 C.F.P.D.
	30 Min	6" water	1" Orifice			63,300 C.F.P.D.
	35 Min	5" water	1" Orifice			57,700 C.F.P.D.
	Shut in	tool				

SECOND FLOW						
	10 Min	24" Water	3/4" Orifice			69,500 C.F.P.D.
	20 Min	10" water	3/4" Orifice			44,800 C.F.P.D.
	30 Min	7" water	3/4" Orifice			37,400 C.F.P.D.
	40 Min	10" water	3/4" Orifice			44,800 C.F.P.D.
	50 Min	7" water	3/4" Orifice			37,400 C.F.P.D.
	60 Min	5" water	3/4" Orifice			31,600 C.F.P.D.

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced 8/15/81

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 Imperial Oil Company
 Authorized by Hal Clark

WESTERN TESTING CO., INC.

Pressure Data

Date 8/15/81 Test Ticket No. 12210
 Recorder No. 1563 Capacity 4200 Location 4367 Ft.
 Clock No. - Elevation 2070 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2157 P.S.I.	Open Tool	12:30A	M
B First Initial Flow Pressure	142 P.S.I.	First Flow Pressure	60 Mins.	60 Mins.
C First Final Flow Pressure	168 P.S.I.	Initial Closed-in Pressure	120 Mins.	117 Mins.
D Initial Closed-in Pressure	1439 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	190 P.S.I.	Final Closed-in Pressure	120 Mins.	120 Mins.
F Second Final Flow Pressure	250 P.S.I.			
G Final Closed-in Pressure	1392 P.S.I.			
H Final Hydrostatic Mud	2146 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>39</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>40</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	142	0	168	0	190	0	250
P 2 5	142	3	448	5	190	3	549
P 3 10	142	6	753	10	194	6	785
P 4 15	149	9	987	15	200	9	964
P 5 20	153	12	1188	20	209	12	1070
P 6 25	159	15	1245	25	216	15	1154
P 7 30	151	18	1274	30	220	18	1211
P 8 35	151	21	1293	35	223	21	1234
P 9 40	152	24	1310	40	226	24	1253
P10 45	157	27	1321	45	233	27	1270
P11 50	162	30	1331	50	241	30	1281
P12 55	165	33	1340	55	248	33	1291
P13 60	168	36	1348	60	250	36	1302
P14		39	1357			39	1310
P15		42	1363			42	1316
P16		45	1371			45	1323
P17		48	1376			48	1329
P18		51	1380			51	1333
P19		54	1384			54	1340
P20		57	1389			57	1344
		60	1392			60	1346

WESTERN TESTING CO., INC.

Pressure Data

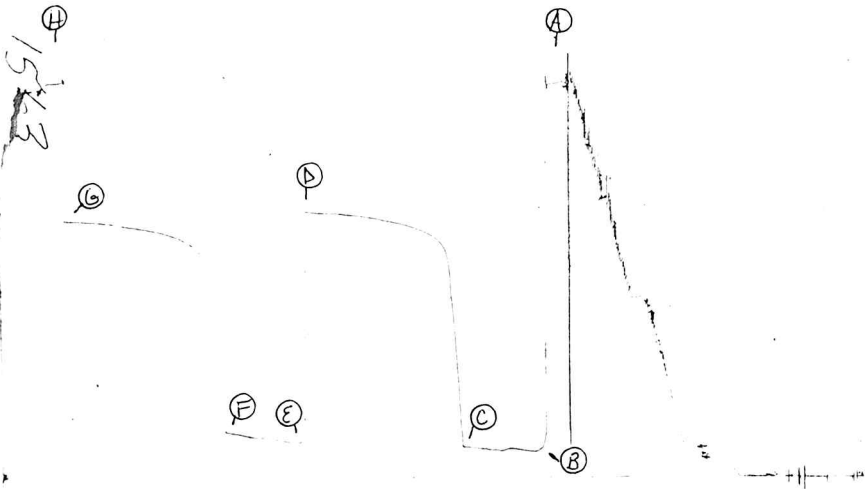
Date 8/15/81 Test Ticket No. 12210
 Recorder No. 1563 Capacity 4200 Location 4367 Ft.
 Clock No. - Elevation 2070 Kelly Bushing Well Temperature 130 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2157</u> P.S.I.	<u>12:30A</u>	<u>M</u>
B First Initial Flow Pressure	<u>142</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>168</u> P.S.I.	<u>120</u> Mins.	<u>117</u> Mins.
D Initial Closed-in Pressure	<u>1439</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>190</u> P.S.I.	<u>120</u> Mins.	<u>120</u> Mins.
F Second Final Flow Pressure	<u>250</u> P.S.I.		
G Final Closed-in Pressure	<u>1392</u> P.S.I.		
H Final Hydrostatic Mud	<u>2146</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		63	1397			63	1350
P 2		66	1403			66	1354
P 3		69	1407			69	1358
P 4		72	1410			72	1360
P 5		75	1414			75	1363
P 6		78	1418			78	1367
P 7		81	1420			81	1371
P 8		84	1422			84	1376
P 9		87	1424			87	1379
P10		90	1426			90	1382
P11		93	1428			93	1384
P12		96	1430			96	1385
P13		99	1431			99	1386
P14		102	1432			102	1387
P15		105	1432			105	1388
P16		108	1434			108	1389
P17		111	1436			111	1390
P18		114	1438			114	1391
P19		117	1439			117	1392
P20						120	1392

TKT # 12210
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Company Imperial Oil Company Lease & Well No. Lemon #2-18
Elevation 2070 Kelly Bushing Cherokee Effective Pay - Ft. Ticket No. 12211
Date 8/16/81 Sec. 18 Twp. 27S Range 15W County Pratt State Kansas
Test Approved by Hal Clark Western Representative Glenn Van Steenburgh

Formation Test No. 2 Interval Tested from 4434 ft. to 4520 ft. Total Depth 4520 ft.

Packer Depth 4429 ft. Size 6 5/8 in. Packer Depth 4434 ft. Size 6 5/8 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4439 ft. Recorder Number 1563 Cap. 4200

Bottom Recorder Depth (Outside) 4442 ft. Recorder Number 1562 Cap. 3900

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

Drilling Contractor White & Ellis Drilling Rig #9 Drill Collar Length 303 I. D. 2.2 in.

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

Weight 9.5 Water Loss 28.0 cc. Drill Pipe Length 4103 I. D. 3.8 in.

Chlorides 28,000 P.P.M. Test Tool Length 28 ft. Tool Size 4 1/2 in.

Jars: Make WIC Serial Number 408 Anchor Length 86 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: Initial flow period gas to surface in 2 minutes. See attached sheet for gas measurements.

Recovered 1 ft. of quart of drip gas

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 12:45 ~~A.M.~~ P.M. Time Started Off Bottom 6:00 ~~A.M.~~ P.M. Maximum Temperature 132

Initial Hydrostatic Pressure - (A) 2180 P.S.I.

Initial Flow Period 45 Minutes (B) 1207 P.S.I. to (C) 1224 P.S.I.

Initial Closed In Period 90 Minutes (D) 1542 P.S.I.

Final Flow Period 60 Minutes (E) 1306 P.S.I. to (F) 1275 P.S.I.

Final Closed In Period 117 Minutes (G) 1537 P.S.I.

Final Hydrostatic Pressure - (H) 2172 P.S.I.

GAS FLOW REPORT

Date 8/16/81 Ticket 12211 Company Imperial Oil Company
 Well Name and No. Lemon #2-18 Dst No. 2 Interval Tested 4434-4520
 County Pratt State Kansas Sec. 18 Twp. 27S Rg. 15W

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
Gas to surface in 2 minutes PRE FLOW						
	10 Min	70 PSIG	1½" Orifice			4,946,000 C.F.P.D.
	20 Min	90 PSIG	1½" Orifice			6,140,000 C.F.P.D.
	30 Min	95 PSIG	1½" Orifice			6,439,000 C.F.P.D.
	40 Min	95 PSIG	1½" Orifice			6,439,000 C.F.P.D.
	45 Min	95 PSIG	1½" Orifice			6,439,000 C.F.P.D.

SECOND FLOW						
	10 Min	55 PSIG	2" Orifice			6,640,000 C.F.P.D.
	20 Min	55 PSIG	2" Orifice			6,640,000 C.F.P.D.
	30 Min	55 PSIG	2" Orifice			6,640,000 C.F.P.D.
	40 Min	55 PSIG	2" Orifice			6,640,000 C.F.P.D.
	50 Min	55 PSIG	2" Orifice			6,640,000 C.F.P.D.
	60 Min	55 PSIG	2" Orifice			6,640,000 C.F.P.D.

GAS BOTTLE

Serial No. 85 Date Bottle Filled 8/16/81 Date to be Invoiced 8/16/81

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 Imperial Oil Company
 Authorized by Hal Clark

WESTERN TESTING CO., INC.

Pressure Data

Date 8/16/81 Recorder No. 1563 Capacity 4200 Test Ticket No. 12211
 Location 4439 Ft. Clock No. - Elevation 2070 Kelly Bushing Well Temperature 132 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2180 P.S.I.	12:45A	M
B First Initial Flow Pressure	1207 P.S.I.	45 Mins.	45 Mins.
C First Final Flow Pressure	1224 P.S.I.	90 Mins.	90 Mins.
D Initial Closed-in Pressure	1542 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	1306 P.S.I.	120 Mins.	117 Mins.
F Second Final Flow Pressure	1275 P.S.I.		
G Final Closed-in Pressure	1537 P.S.I.		
H Final Hydrostatic Mud	2172 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>30</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>39</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	1207	0	1224	0	1306	0	1275
P 2 5	1230	3	1515	5	1306	3	1498
P 3 10	1238	6	1525	10	1306	6	1506
P 4 15	1245	9	1530	15	1306	9	1513
P 5 20	1253	12	1533	20	1305	12	1516
P 6 25	1243	15	1536	25	1302	15	1519
P 7 30	1238	18	1536	30	1293	18	1520
P 8 35	1234	21	1536	35	1291	21	1521
P 9 40	1228	24	1536	40	1287	24	1522
P10 45	1224	27	1536	45	1281	27	1523
P11		30	1536	50	1276	30	1526
P12		33	1536	55	1275	33	1528
P13		36	1538	60	1275	36	1530
P14		39	1540			39	1531
P15		42	1542			42	1532
P16		45	1543			45	1533
P17		48	1544			48	1533
P18		51	1544			51	1533
P19		54	1544			54	1533
P20		57	1544			57	1533
		60	1544			60	1533

WESTERN TESTING CO., INC.

Pressure Data

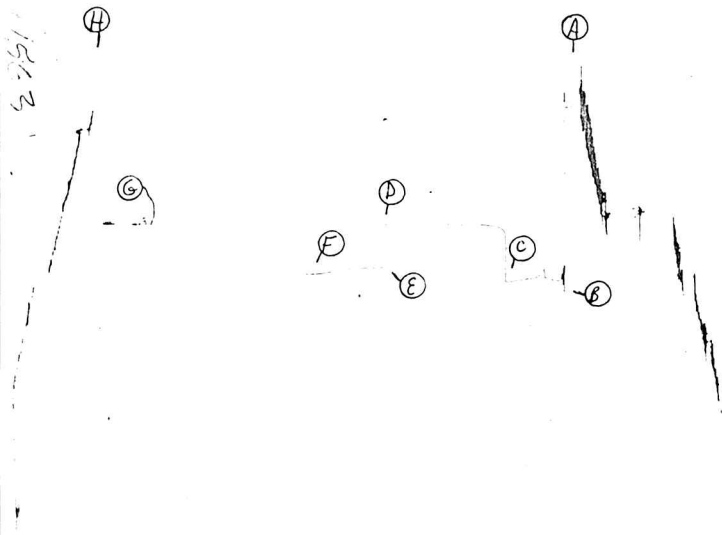
Date 8/16/81 Recorder No. 1563 Capacity 4200 Test Ticket No. 12211
 Location 4439 Ft. Clock No. - Elevation 2070 Kelly Bushing Well Temperature 132 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2180 P.S.I.	12:45A M	
B First Initial Flow Pressure	1207 P.S.I.	45 Mins.	45 Mins.
C First Final Flow Pressure	1224 P.S.I.	90 Mins.	90 Mins.
D Initial Closed-in Pressure	1542 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	1306 P.S.I.	120 Mins.	117 Mins.
F Second Final Flow Pressure	1275 P.S.I.		
G Final Closed-in Pressure	1537 P.S.I.		
H Final Hydrostatic Mud	2172 P.S.I.		

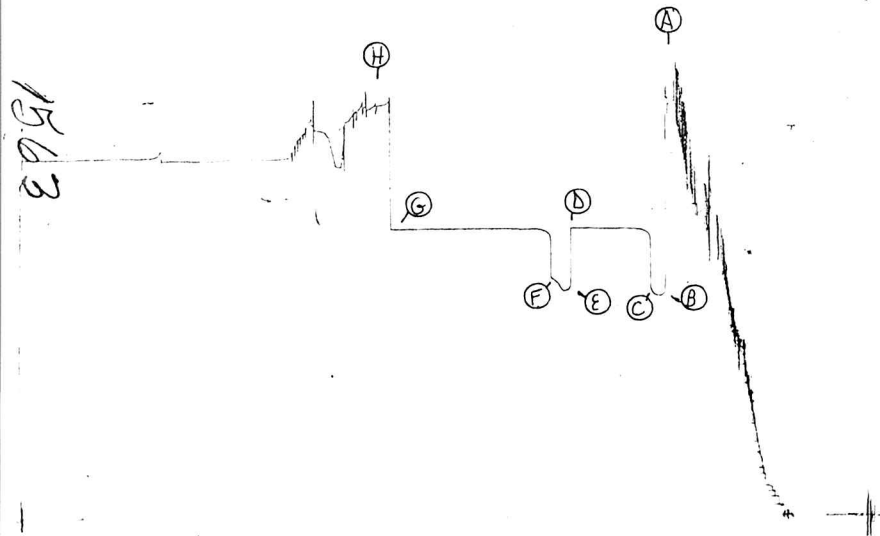
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>30</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>39</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		63	1544			63	1533
P 2		66	1544			66	1534
P 3		69	1544			69	1534
P 4		72	1542			72	1534
P 5		75	1542			75	1535
P 6		78	1542			78	1536
P 7		81	1542			81	1536
P 8		84	1542			84	1536
P 9		87	1542			87	1536
P10		90	1542			90	1537
P11						93	1537
P12						96	1537
P13						99	1537
P14						102	1537
P15						105	1537
P16						108	1537
P17						111	1537
P18						114	1537
P19						117	1537
P20							

TKT # 12211
I



TKT # 12212
I



Company Imperial Oil Company Lease & Well No. Lemon #2-18
Elevation 2070 Kelly Bushing Kinderhook Formation Effective Pay - Ft. Ticket No. 12212
Date 8/16/81 Sec. 18 Twp. 27S Range 15W County Pratt State Kansas
Test Approved by Hal Clark Western Representative Glen Van Steenburgh

Formation Test No. 3 Interval Tested from 4525 ft. to 4550 ft. Total Depth 4550 ft.

Packer Depth 4520 ft. Size 6 5/8 in. Packer Depth 4525 ft. Size 6 5/8 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4530 ft. Recorder Number 1563 Cap. 4200

Bottom Recorder Depth (Outside) 4533 ft. Recorder Number 1562 Cap. 3900

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

Drilling Contractor White & Ellis Drilling Rig #9 Drill Collar Length 303 I. D. 2.2 in.

Mud Type Chemical Mompac Mud Weight 63 I. D. - in.

Weight 8.5 Water Loss 18.2 cc. Drill Pipe Length - I. D. - in.

Chlorides 22,000 P.P.M. Test Tool Length 28 ft. Tool Size 4 1/2 in.

Jars: Make WTC Serial Number 408 Anchor Length 25 ft. Size 5 1/2 in.

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

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Initial flow period gas to surface in 3 minutes. Flowed gassy oil in 10 minutes.

Final flow period flowed oil. See attached sheet for gas measurements.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Live oil in pipe let test hang in until daylight

Time Set Packer(s) 5:00 ~~A.M.~~ P.M. Time Started Off Bottom 8:27 ~~A.M.~~ P.M. Maximum Temperature 132

Initial Hydrostatic Pressure (A) 2231 P.S.I.

Initial Flow Period 10 Minutes (B) 1207 P.S.I. to (C) 1238 P.S.I.

Initial Closed In Period 60 Minutes (D) 1561 P.S.I.

Final Flow Period 15 Minutes (E) 1241 P.S.I. to (F) 1295 P.S.I.

Final Closed In Period 117 Minutes (G) 1559 P.S.I.

Final Hydrostatic Pressure (H) 2231 P.S.I.

GAS FLOW REPORT

Date 8/16/81 Ticket 12212 Company Imperial Oil Company
 Well Name and No. Lemon #2-18 Dst No. 3 Interval Tested 4525-4550
 County Pratt State Kansas Sec. 18 Twp. 27S Rg. 15W

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						
	Gas to surface in 3 minutes					
	5 Min	6.0 PSIG	1½" Orifice			953,000 C.F.P.D.
	10 Min					Flowed Oil

SECOND FLOW						

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced 8/16/81

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COMPANY'S NAME Imperial Oil Company

Authorized by Hal Clark

WESTERN TESTING CO., INC.

Pressure Data

Date 8/16/81 Recorder No. 1563 Capacity 4200 Test Ticket No. 12212
 Clock No. - Elevation 2070 Kelly Bushing Location 4530 Ft. 132
 Well Temperature °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2231 P.S.I.	5:00P	M
B First Initial Flow Pressure	1207 P.S.I.	12 Mins.	10 Mins.
C First Final Flow Pressure	1238 P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1561 P.S.I.	15 Mins.	15 Mins.
E Second Initial Flow Pressure	1241 P.S.I.	120 Mins.	117 Mins.
F Second Final Flow Pressure	1295 P.S.I.		
G Final Closed-in Pressure	1559 P.S.I.		
H Final Hydrostatic Mud	2231 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>39</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	1207	0	1238	0	1241	0	1295
P 2 5	1200	3	1536	5	1230	3	1538
P 3 10	1238	6	1549	10	1272	6	1549
P 4		9	1556	15	1295	9	1555
P 5		12	1558			12	1557
P 6		15	1559			15	1557
P 7		18	1559			18	1557
P 8		21	1559			21	1557
P 9		24	1559			24	1557
P10		27	1559			27	1558
P11		30	1560			30	1559
P12		33	1561			33	1559
P13		36	1561			36	1559
P14		39	1561			39	1559
P15		42	1561			42	1559
P16		45	1561			45	1559
P17		48	1561			48	1559
P18		51	1561			51	1559
P19		54	1561			54	1559
P20		57	1561			57	1559
		60	1561			60	1559

WESTERN TESTING CO., INC.

Pressure Data

Date 8/16/81 Recorder No. 1563 Capacity 4200 Test Ticket No. 12212
 Clock No. - Elevation 2070 Kelly Bushing Location 4530 Ft. 132
 Well Temperature 132 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2231</u>	P.S.I.	<u>5:00P</u>	<u>M</u>
B First Initial Flow Pressure	<u>1207</u>	P.S.I.	<u>12</u>	<u>10</u> Mins.
C First Final Flow Pressure	<u>1238</u>	P.S.I.	<u>60</u>	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1561</u>	P.S.I.	<u>15</u>	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>1241</u>	P.S.I.	<u>120</u>	<u>117</u> Mins.
F Second Final Flow Pressure	<u>1295</u>	P.S.I.		
G Final Closed-in Pressure	<u>1559</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2231</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: 2 Inc. of 5 mins. and a final inc. of 0 Min.
 Initial Shut-In Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.
 Second Flow Pressure Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.
 Final Shut-In Breakdown: 39 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						<u>63</u>	<u>1559</u>
P 2						<u>66</u>	<u>1559</u>
P 3						<u>69</u>	<u>1559</u>
P 4						<u>72</u>	<u>1559</u>
P 5						<u>75</u>	<u>1559</u>
P 6						<u>78</u>	<u>1559</u>
P 7						<u>81</u>	<u>1559</u>
P 8						<u>84</u>	<u>1559</u>
P 9						<u>87</u>	<u>1559</u>
P10						<u>90</u>	<u>1559</u>
P11						<u>93</u>	<u>1559</u>
P12						<u>96</u>	<u>1559</u>
P13						<u>99</u>	<u>1559</u>
P14						<u>102</u>	<u>1559</u>
P15						<u>105</u>	<u>1559</u>
P16						<u>108</u>	<u>1559</u>
P17						<u>111</u>	<u>1559</u>
P18						<u>114</u>	<u>1559</u>
P19						<u>117</u>	<u>1559</u>
P20							