



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 6897

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

Elevation 1549' S.L. Formation MISNER Eff. Pay Ft.

District PRAY Date 11-23-80 Customer Order No.

COMPANY NAME ~~Ray~~ MARTIN OIL CO + (Peter Donbaugh Petroleum)

ADDRESS 1010 UNION CENTER WICHITA, KS. 67202

LEASE AND WELL NO. PICKERIE #1 COUNTY KINGMAN STATE KANS. Sec. 9 Twp 29 Rge 6

Mail Invoice To Same Co. Name Address No. Copies Requested Ray

Mail Charts To Same Address No. Copies Requested Ray

Formation Test No. #1 Interval Tested from 4444 ft. to 4453 ft. Total Depth 4453 ft.
Packer Depth 4439 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4444 ft. Size 6 5/8 in. Packer Depth ft. Size in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 4450 ft. Recorder Number 1526 Cap. 4300
Bottom Recorder Depth (Outside) 4453 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor KAW Orls Rig #1 Drill Collar Length 0 I. D. 0 in.
Mud Type CHEMICAL Viscosity 46 Weight Pipe Length 275 I. D. 3.2 in.
Weight 9.3 Water Loss 10.4 cc. Drill Pipe Length 4149 I. D. 3.8 in.
Chlorides 8,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 O.D. in.
Jars: Make NO Serial Number Anchor Length 9 ft. Size 5 1/2 O.D. in.
Did Well Flow? YES 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 X 1 1/4 in.

Blow: Good blow (Cess bottom 4") 1st F.P. NO G.T.S. Good strong blow 2nd F.P.
G.T.S. 20" 2nd F.P. See Hatched Flow sheet. Final Flow Period

Recovered 150 ft. of OIL 46 GRAD @ 60°F
Recovered 90 ft. of HOGCM Heavy Oil + GAS Cut Mud
Recovered 2 ft. of Filterate wtr.
Recovered ft. of
Recovered ft. of
Remarks:

ON LOC @ 3:00 pm Tool up @ 4:15 pm Tool dn @ 12:00 OFF LOC @ T.O.L.

Table with 4 columns: Time Set, Packer(s), Time Started Off Bottom, Maximum Temperature. Rows A-H for pressure and flow period data.

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...

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: Ray Donbaugh Signature of Customer or his authorized representative

Western Representative: Balje A. M... [Signature]

FIELD INVOICE

Table with 2 columns: Item, Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, TOTAL.

RECEIVED NOV 26 1980



No 2212

GAS FLOW REPORT

Date 11-23-80 Ticket #6897 Company MARTIN OIL CO.
 Well Name and No. PINKERTON #1 Dst No. #1 Interval Tested 4444-4453
 County KINGMAN State KANSAS Sec. 9 Twp. 29 Rg. 6

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
Good Blow NO G.T.S. PRE FLOW					

G.T.S. 20" H ₂ O (w)				SECOND FLOW		Cubic Foot Gas Per Day
20"	4.2" (10.2)	1/4"		10,900		12660
30"	5.2" (12.0)	1/4"		12,100		14520
40"	2# P.S.O	1/4"		12,700		15240
50"	2# P.S.O	1/4"		12,700		15240
60"	2# P.S.O	1/4"		12,700		15240
P.S.I						

OK [Signature]

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

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 _____
 Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

Date 11-23-80

Test Ticket No. 6897

Recorder No. 1566

Capacity 4300

Location 4450 Ft.

Clock No. _____ Elevation 1549 Ground Level

Well Temperature 118 °F

Point	Pressure	P.S.I.	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2234</u>	P.S.I.	Open Tool	<u>6:23 P</u> M	
B First Initial Flow Pressure	<u>35</u>	P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>48</u>	P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1088</u>	P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>65</u>	P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>91</u>	P.S.I.			
G Final Closed-in Pressure	<u>1180</u>	P.S.I.			
H Final Hydrostatic Mud	<u>2234</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 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: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 20 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	<u>35</u>	0	<u>48</u>	0	<u>65</u>	0	<u>91</u>
P 2 5	<u>35</u>	3	<u>125</u>	5	<u>65</u>	3	<u>354</u>
P 3 10	<u>35</u>	6	<u>233</u>	10	<u>67</u>	6	<u>674</u>
P 4 15	<u>38</u>	9	<u>387</u>	15	<u>70</u>	9	<u>905</u>
P 5 20	<u>43</u>	12	<u>645</u>	20	<u>72</u>	12	<u>984</u>
P 6 25	<u>46</u>	15	<u>821</u>	25	<u>76</u>	15	<u>1029</u>
P 7 30	<u>48</u>	18	<u>922</u>	30	<u>79</u>	18	<u>1062</u>
P 8 35		21	<u>976</u>	35	<u>84</u>	21	<u>1085</u>
P 9 40		24	<u>1017</u>	40	<u>86</u>	24	<u>1103</u>
P10 45		27	<u>1027</u>	45	<u>87</u>	27	<u>1118</u>
P11 50		30	<u>1042</u>	50	<u>89</u>	30	<u>1129</u>
P12 55		33	<u>1055</u>	55	<u>90</u>	33	<u>1139</u>
P13 60		36	<u>1068</u>	60	<u>91</u>	36	<u>1147</u>
P14		39	<u>1075</u>	65		39	<u>1155</u>
P15		42	<u>1082</u>	70		42	<u>1161</u>
P16		45	<u>1088</u>	75		45	<u>1164</u>
P17		48		80		48	<u>1169</u>
P18		51		85		51	<u>1173</u>
P19		54		90		54	<u>1176</u>
P20		57				57	<u>1178</u>
		60				60	<u>1180</u>

Company Martin Oil Company & Pate Dombaugh Petroleum Lease & Well No. Pinkerton #1

Elevation 1549 Ground Level Formation Misner Effective Pay --- Ft. Ticket No. 6897

Date 11/23/80 Sec. 9 Twp. 29S Range 6W County Kingman State Kansas

Test Approved by Ray Dombaugh Western Representative Rodger A. Mounts

Formation Test No. 1 Interval Tested from 4444 ft. to 4453 ft. Total Depth 4453 ft.

Packer Depth 4439 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4444 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4450 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4453 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Kaw Drlg. Rig #1 Drill Collar Length - I. D. - in.

Mud Type chemical Viscosity 46 Weight Pipe Length 275 I. D. 3.2 in.

Weight 9.3 Water Loss 10.4 cc. Drill Pipe Length 4149 I. D. 3.8 in.

Chlorides 8,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.

Jars: Make No Serial Number - Anchor Length 9 ft. Size 5 1/2 OD in.

Did Well Flow? Yes 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 Good blow (off bottom four inches) initial flow period. No gas to surface.

Good strong blow final flow period.

Recovered 150 ft. of oil 46 gravity @ 60°F

Recovered 90 ft. of heavy oil and gas cut mud

Recovered 2 ft. of filtrate water

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 6:23 ~~AM~~ P.M. Time Started Off Bottom 9:38 ~~AM~~ P.M. Maximum Temperature 118°

Initial Hydrostatic Pressure (A) 2234 P.S.I.

Initial Flow Period Minutes 30 (B) 35 P.S.I. to (C) 48 P.S.I.

Initial Closed In Period Minutes 45 (D) 1088 P.S.I.

Final Flow Period Minutes 60 (E) 65 P.S.I. to (F) 91 P.S.I.

Final Closed In Period Minutes 60 (G) 1180 P.S.I.

Final Hydrostatic Pressure (H) 2234 P.S.I.

GAS FLOW REPORT

Date 11/23/80 Ticket 6897 Company Martin Oil Co. & Pate Dombaugh Pet.
 Well Name and No. Pinkerton #1 Dst No. 1 Interval Tested 4444'-4453'
 County Kingman State Kansas Sec. 9 Twp. 29S Rg. 6W

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
Good blow. No gas to surface. PRE FLOW						

Gas to surface twenty minutes. SECOND FLOW						
	20 min.	42" of water		1/4" orifice		10,900 CFPD
	30 min.	52" of water		1/4" orifice		12,100 CFPD
	40 min.	2.0 PSIG		1/4" orifice		12,700 CFPD
	50 min.	2.0 PSIG		1/4" orifice		12,700 CFPD
	60 min.	2.0 PSIG		1/4" orifice		12,700 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled --- Date to be Invoiced 11/23/80

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 Martin Oil Company &
Pate Dombaugh Petroleum
 Authorized by Ray Dombaugh

WESTERN TESTING CO., INC.
Pressure Data

Date 11/23/80 Test Ticket No. 6897
 Recorder No. 1566 Capacity 4300 Location 4450 Ft.
 Clock No. -- Elevation 1549 Ground Level Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2234	P.S.I.	6:23P	M
B First Initial Flow Pressure	35	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	48	P.S.I.	45	Mins. 45 Mins.
D Initial Closed-in Pressure	1088	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	65	P.S.I.	60	Mins. 60 Mins.
F Second Final Flow Pressure	91	P.S.I.		
G Final Closed-in Pressure	1180	P.S.I.		
H Final Hydrostatic Mud	2234	P.S.I.		

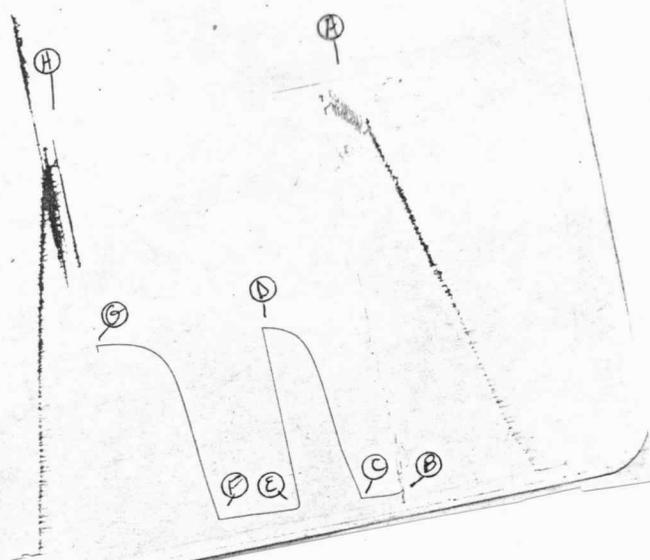
PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</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>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	35	0	48	0	65	91
P 2	5	35	3	125	5	65	354
P 3	10	35	6	233	10	67	674
P 4	15	38	9	387	15	70	905
P 5	20	43	12	645	20	72	984
P 6	25	46	15	821	25	76	1029
P 7	30	48	18	922	30	79	1062
P 8			21	976	35	84	1085
P 9			24	1017	40	86	1103
P10			27	1027	45	87	1118
P11			30	1042	50	89	1129
P12			33	1055	55	90	1139
P13			36	1068	60	91	1147
P14			39	1075			1155
P15			42	1082			1161
P16			45	1088			1164
P17							1169
P18							1173
P19							1176
P20							1178
							1180

1566

TKT # 6897
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WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET N^o 6898

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

Elevation 1549 G.L. Formation VIOLA Eff. Pay Ft.

District PRON Date 11-24-80 Customer Order No.

COMPANY NAME MARTIN OIL CO. + PATE-DOMBAGH PET

ADDRESS 1010 UNION CENTER, WICHITA, KS. 67202

LEASE AND WELL NO. PINKERTON #1 COUNTY KINGMAN STATE KS. Sec. 9 Twp 29 Rge 6

Mail Invoice To Same PINKERTON #1 No. Copies Requested 2

Co. Name Address No. Copies Requested 2

Mail Charts To Same Address No. Copies Requested 2

Formation Test No. #2 Interval Tested from 4458 ft. to 4470 ft. Total Depth 4470 ft. Packer Depth 4453 ft. Size 6 3/4 in. Packer Depth 4458 ft. Size 6 3/4 in. Packer Depth 4458 ft. Size 6 3/4 in. Packer Depth 4458 ft. Size 6 3/4 in. Depth of Selective Zone Set

Top Recorder Depth (Inside) 4463 ft. Recorder Number 1564 Cap. 4300 Bottom Recorder Depth (Outside) 4470 ft. Recorder Number 3086 Cap. 4500 Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor RAW DIRTY Rigs #1 Mud Type CHEMICAL Viscosity 49 Weight 9.5 Water Loss 11.4 cc. Chlorides 10,000 P.P.M. Jars: Make NO Serial Number Did Well Flow? YES Reversed Out YES Drill Collar Length I. D. Weight Pipe Length 275 I. D. 3.2 in. Drill Pipe Length 4163 I. D. 3.8 in. Test Tool Length 20 ft. Tool Size 5/16 O.D. in. Anchor Length 12 ft. Size 5/16 O.D. in. Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in. Main Hole Size 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: STRONG G.T.S. 3" Gunged 175,000 5" size Attached Flow sheet. Good blow 2nd F.P. Oil to Surface 30" 2nd F.P.

Recovered 4435 ft. of Gassy Oil 48 GRAV @ 56°F Recovered 30 ft. of S/WTR WATER Recovered ft. of Recovered ft. of Recovered ft. of

Remarks:

on Loc @ 9:00 AM Tool up @ 9:30 AM Tool dn @ 5:30 pm OFF Loc @

Table with 4 columns: Time Set, Packer(s), Time Started Off Bottom, Maximum Temperature. Rows include Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, Final Hydrostatic Pressure.

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 [Signature] Signature of Customer or his authorized representative

Western Representative [Signature] Thank you

FIELD INVOICE

Table with 2 columns: Item, Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, TOTAL.



No 2213

GAS FLOW REPORT

Date 11-24-80 Ticket #6898 Company MARTIN OIL CO.
Well Name and No. PINKERTON #1 Dst No. #2 Interval Tested 4458-4470
County LINCOLN State KANSAS Sec. 9 Twp. 29 Rg. 6

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
PRE FLOW					
<i>G.T.S. 3" P.S.O.</i>					
5"	5#	3/4"			175,000 MCFPD
10"	2#	3/4"			108,000 MCFPD
15"	1#	3/4"			76,000 MCFPD
20"	5#	1/4"			20,700 MCFPD
25"	1.5#	1/4"			14,020 MCFPD
30"	4#	1/4"			18,500 MCFPD

SECOND FLOW					
<i>P.S.I. oil to surface 30"</i>					
5"	1#	1/4"			8,950 MCFPD
10"	2#	1/4"			12,700 MCFPD
15"	3#	1/4"			15,700 MCFPD
20"	3#	1/4"			15,700 MCFPD
25"	4#	1/4"			18,500 MCFPD
30"	5#	1/4"			20,700 MCFPD

OK
[Signature]

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

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 _____

Authorized by _____

WESTERN TESTING CO., INC.
Pressure Data

Date 11-24-80 Test Ticket No. 6898
 Recorder No. 1566 Capacity 4300 Location 4463 Ft.
 Clock No. _____ Elevation 1549 Ground Seveal Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2264</u>	P.S.I.	<u>11:17 A</u>	<u>M</u>
B First Initial Flow Pressure	<u>267</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
C First Final Flow Pressure	<u>497</u>	P.S.I.	<u>45</u>	<u>48</u> Mins.
D Initial Closed-in Pressure	<u>1557</u>	P.S.I.	<u>30</u>	<u>35</u> Mins.
E Second Initial Flow Pressure	<u>570</u>	P.S.I.	<u>45</u>	<u>48</u> Mins.
F Second Final Flow Pressure	<u>832</u>	P.S.I.		
G Final Closed-in Pressure	<u>1561</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2242</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>16</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>7</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>16</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>267</u>	0	<u>497</u>	0	<u>570</u>	0	<u>832</u>
P 2 5	<u>267</u>	3	<u>1523</u>	5	<u>572</u>	3	<u>1536</u>
P 3 10	<u>272</u>	6	<u>1546</u>	10	<u>619</u>	6	<u>1554</u>
P 4 15	<u>301</u>	9	<u>1551</u>	15	<u>669</u>	9	<u>1558</u>
P 5 20	<u>366</u>	12	<u>1555</u>	20	<u>720</u>	12	<u>1559</u>
P 6 25	<u>430</u>	15	<u>1555</u>	25	<u>769</u>	15	
P 7 30	<u>497</u>	18		30	<u>813</u>	18	
P 8 35		21		35	<u>832</u>	21	
P 9 40		24		40		24	
P10 45		27		45		27	
P11 50		30		50		30	<u>1559</u>
P12 55		33		55		33	
P13 60		36		60		36	
P14		39		65		39	
P15		42	<u>1555</u>	70		42	<u>1559</u>
P16		45	<u>1556</u>	75		45	<u>1560</u>
P17		48	<u>1557</u>	80		48	<u>1561</u>
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

Company Martin Oil Co. & Pate Dombaugh Pet. Lease & Well No. Pinkerton #1
 Elevation 1549 Ground Level Formation Viola Effective Pay ---- Ft. Ticket No. 6898
11/24/80 Sec. 9 Twp. 29S Range 6W County Kingman State Kansas
 Test Approved by Ray Dombaugh Western Representative Rodger A. Mounts

Formation Test No. 2 Interval Tested from 4458 ft. to 4470 ft. Total Depth 4470 ft.
 Packer Depth 4453 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4458 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4463 ft. Recorder Number 1566 Cap. 4300
 Bottom Recorder Depth (Outside) 4470 ft. Recorder Number 3086 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Kaw Drlg. Rig #1 Drill Collar Length - I. D. - in.
 Mud Type chemical Viscosity 49 Weight Pipe Length 275 I. D. 3.2 in.
 Weight 9.5 Water Loss 11.6 cc. Drill Pipe Length 4163 I. D. 3.8 in.
 Chlorides 10,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make No Serial Number - Anchor Length 12 ft. Size 5 1/2 OD 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: Strong. Gas to surface three minutes. See attached sheet for gas measurements. Good blow second flow period. Oil to surface thirty minutes on second flow period.

Recovered 4435 ft. of gassy oil 48 gravity @ 56° F
 Recovered 30 ft. of salt water
 Recovered - ft. of -
 Recovered - ft. of -

Remarks: _____

Time Set Packer(s) 11:17 A.M. Time Started Off Bottom 1:47 A.M. Maximum Temperature 118°
P.M. P.M.
 Initial Hydrostatic Pressure (A) 2264 P.S.I.
 Initial Flow Period Minutes 30 (B) 267 P.S.I. to (C) 497 P.S.I.
 Initial Closed In Period Minutes 48 (D) 1557 P.S.I.
 Final Flow Period Minutes 35 (E) 570 P.S.I. to (F) 832 P.S.I.
 Final Closed In Period Minutes 48 (G) 1561 P.S.I.
 Final Hydrostatic Pressure (H) 2242 P.S.I.

GAS FLOW REPORT

Date 11/24/80 Ticket 6898 Company Martin Oil Co. & Pate Dombaugh Pet.
 Well Name and No. Pinkerton #1 Dst No. 2 Interval Tested 4458'-4470'
 County Kingman State Kansas Sec. 9 Twp. 29S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Meria 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 three minutes. PRE FLOW						
	5 min.	5.0 PSIG		3/4" orifice		175,000 CFPD
	10 min.	2.0 PSIG		3/4" orifice		108,000 CFPD
	15 min.	1.0 PSIG		3/4" orifice		76,000 CFPD
	20 min.	5.0 PSIG		3/4" orifice		20,700 CFPD
	25 min.	1.5 PSIG		3/4" orifice		11,000 CFPD
	30 min.	4.0 PSIG		3/4" orifice		18,500 CFPD

Oil to surface in thirty minutes. SECOND FLOW						
	5 min.	1.0 PSIG		1/4" orifice		8,950 CFPD
	10 min.	2.0 PSIG		1/4" orifice		12,700 CFPD
	15 min.	3.0 PSIG		1/4" orifice		15,700 CFPD
	20 min.	3.0 PSIG		1/4" orifice		15,700 CFPD
	25 min.	4.0 PSIG		1/4" orifice		18,500 CFPD
	30 min.	5.0 PSIG		1/4" orifice		20,700 CFPD

GAS BOTTLE

Serial No. --- Date Bottle Filled --- Date to be Invoiced 11/24/80

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 Martin Oil Co. & Pate Dombaugh Petroleum
 Authorized by Ray Dombaugh

WESTERN TESTING CO., INC.

Pressure Data

Date 11/24/80 Test Ticket No. 6898
 Recorder No. 1566 Capacity 4300 Location 4463 Ft.
 Clock No. -- Elevation 1549 Ground Level Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2264</u>	P.S.I.	<u>11:17A</u>	<u>M</u>
B First Initial Flow Pressure	<u>267</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
C First Final Flow Pressure	<u>497</u>	P.S.I.	<u>45</u>	<u>48</u> Mins.
D Initial Closed-in Pressure	<u>1557</u>	P.S.I.	<u>30</u>	<u>35</u> Mins.
E Second Initial Flow Pressure	<u>570</u>	P.S.I.	<u>45</u>	<u>48</u> Mins.
F Second Final Flow Pressure	<u>832</u>	P.S.I.		
G Final Closed-in Pressure	<u>1561</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2242</u>	P.S.I.		

PRESSURE BREAKDOWN

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

Initial Shut-In
 Breakdown: 16 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 7 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 16 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>0</u>	<u>267</u>	<u>0</u>	<u>497</u>	<u>0</u>	<u>570</u>	<u>0</u>	<u>832</u>
P 2 <u>5</u>	<u>267</u>	<u>3</u>	<u>1523</u>	<u>5</u>	<u>572</u>	<u>3</u>	<u>1536</u>
P 3 <u>10</u>	<u>272</u>	<u>6</u>	<u>1546</u>	<u>10</u>	<u>619</u>	<u>6</u>	<u>1554</u>
P 4 <u>15</u>	<u>301</u>	<u>9</u>	<u>1551</u>	<u>15</u>	<u>669</u>	<u>9</u>	<u>1558</u>
P 5 <u>20</u>	<u>366</u>	<u>12</u>	<u>1555</u>	<u>20</u>	<u>720</u>	<u>12</u>	<u>1559</u>
P 6 <u>25</u>	<u>430</u>	<u>15</u>	<u>1555</u>	<u>25</u>	<u>769</u>	<u>15</u>	<u>1559</u>
P 7 <u>30</u>	<u>497</u>	<u>18</u>	<u>1555</u>	<u>30</u>	<u>813</u>	<u>18</u>	<u>1559</u>
P 8		<u>21</u>	<u>1555</u>	<u>35</u>	<u>832</u>	<u>21</u>	<u>1559</u>
P 9		<u>24</u>	<u>1555</u>			<u>24</u>	<u>1559</u>
P10		<u>27</u>	<u>1555</u>			<u>27</u>	<u>1559</u>
P11		<u>30</u>	<u>1555</u>			<u>30</u>	<u>1559</u>
P12		<u>33</u>	<u>1555</u>			<u>33</u>	<u>1559</u>
P13		<u>36</u>	<u>1555</u>			<u>36</u>	<u>1559</u>
P14		<u>39</u>	<u>1555</u>			<u>39</u>	<u>1559</u>
P15		<u>42</u>	<u>1555</u>			<u>42</u>	<u>1559</u>
P16		<u>45</u>	<u>1556</u>			<u>45</u>	<u>1560</u>
P17		<u>48</u>	<u>1557</u>			<u>48</u>	<u>1561</u>
P18							
P19							
P20							

15-66
PST #1

IKT # 6898
I

