

Company Cline Brothers Lease & Well No. Cline #1
Elevation - Formation Douglas Sand Effective Pay - Ft. Ticket No. 8492
Date 12-13-80 Sec. 32 Twp. 32S Range 14W County Barber State Kansas
Test Approved by Gordon W. Keen Western Representative Rod Tritt
Formation Test No. 1 Interval Tested from 4215 ft. to 4223 ft. Total Depth 4223 ft.
Packer Depth 4210 ft. Size 6 3/4 in. Packer Depth 4215 ft. Size 6 3/4 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4216 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 4219 ft. Recorder Number 4332 Cap. 4200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Freeman Drilling #1 Drill Collar Length 185 I. D. 2 1/4 in.
Mud Type Drispac Viscosity 54 Weight Pipe Length - I. D. - in.
Weight 9.2 Water Loss 9.2 cc. Drill Pipe Length 4002 I. D. 3.8 in.
Chlorides 11,500 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.
Jars: Make W.T.C. Serial Number 408 Anchor Length 8 ft. Size 5 1/2 OD in.
Did Well Flow? No 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 FH in.

Blow: Weak blow building to strong blow in 10 minutes on initial flow period. Strong blow throughout final flow period.

Recovered 1700 ft. of water (gassy) Chlorides: 125,000 P.P.M.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:30 ~~AM~~ P.M. Time Started Off Bottom 7:30 ~~AM~~ P.M. Maximum Temperature 123°
Initial Hydrostatic Pressure (A) 2150 P.S.I.
Initial Flow Period Minutes 30 (B) 183 P.S.I. to (C) 525 P.S.I.
Initial Closed In Period Minutes 48 (D) 1149 P.S.I.
Final Flow Period Minutes 45 (E) 628 P.S.I. to (F) 852 P.S.I.
Final Closed In Period Minutes 60 (G) 1166 P.S.I.
Final Hydrostatic Pressure (H) 2061 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12-13-80 Recorder No. 2606 Capacity 4150 Test Ticket No. 8492
 Location 4216 Ft. Clock No. - Elevation - Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2150</u> P.S.I.	Open Tool	<u>4:30P</u> M	
B First Initial Flow Pressure	<u>183</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>525</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>48</u> Mins.
D Initial Closed-in Pressure	<u>1149</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>628</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>852</u> P.S.I.			
G Final Closed-in Pressure	<u>1166</u> P.S.I.			
H Final Hydrostatic Mud	<u>2061</u> P.S.I.			

PRESSURE BREAKDOWN

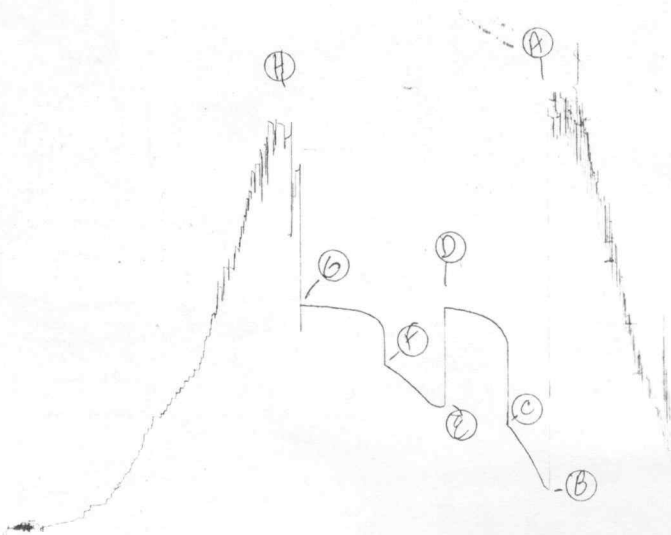
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>16</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>20</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> 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 <u>0</u>	<u>183</u>	<u>0</u>	<u>525</u>	<u>0</u>	<u>628</u>	<u>0</u>	<u>852</u>
P 2 <u>5</u>	<u>218</u>	<u>3</u>	<u>992</u>	<u>5</u>	<u>632</u>	<u>3</u>	<u>1062</u>
P 3 <u>10</u>	<u>291</u>	<u>6</u>	<u>1033</u>	<u>10</u>	<u>643</u>	<u>6</u>	<u>1091</u>
P 4 <u>15</u>	<u>358</u>	<u>9</u>	<u>1052</u>	<u>15</u>	<u>680</u>	<u>9</u>	<u>1101</u>
P 5 <u>20</u>	<u>416</u>	<u>12</u>	<u>1075</u>	<u>20</u>	<u>713</u>	<u>12</u>	<u>1114</u>
P 6 <u>25</u>	<u>468</u>	<u>15</u>	<u>1089</u>	<u>25</u>	<u>742</u>	<u>15</u>	<u>1122</u>
P 7 <u>30</u>	<u>525</u>	<u>18</u>	<u>1099</u>	<u>30</u>	<u>777</u>	<u>18</u>	<u>1132</u>
P 8		<u>21</u>	<u>1110</u>	<u>35</u>	<u>807</u>	<u>21</u>	<u>1139</u>
P 9		<u>24</u>	<u>1116</u>	<u>40</u>	<u>829</u>	<u>24</u>	<u>1141</u>
P10		<u>27</u>	<u>1122</u>	<u>45</u>	<u>852</u>	<u>27</u>	<u>1143</u>
P11		<u>30</u>	<u>1128</u>			<u>30</u>	<u>1145</u>
P12		<u>33</u>	<u>1136</u>			<u>33</u>	<u>1148</u>
P13		<u>36</u>	<u>1139</u>			<u>36</u>	<u>1151</u>
P14		<u>39</u>	<u>1140</u>			<u>39</u>	<u>1153</u>
P15		<u>42</u>	<u>1143</u>			<u>42</u>	<u>1158</u>
P16		<u>45</u>	<u>1146</u>			<u>45</u>	<u>1158</u>
P17		<u>48</u>	<u>1149</u>			<u>48</u>	<u>1159</u>
P18						<u>51</u>	<u>1160</u>
P19						<u>54</u>	<u>1162</u>
P20						<u>57</u>	<u>1164</u>
						<u>60</u>	<u>1166</u>

2606

DS+ #1

JKI # 8492

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Company Cline Brothers Lease & Well No. Cline #1
 Elevation 1957 Kelly Bushing Formation Lansing Effective Pay - Ft. Ticket No. 8493
 Date 12-14-80 Sec. 32 Twp. 32S Range 14W County Barber State Kansas
 Test Approved by Gordon W. Keen Western Representative Rod Tritt
 Formation Test No. 2 Interval Tested from 4360 ft. to 4425 ft. Total Depth 4425 ft.
 Packer Depth 4355 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4360 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4364 ft. Recorder Number 2106 Cap. 4150
 Bottom Recorder Depth (Outside) 4367 ft. Recorder Number 4332 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Freeman Drilling Rig #1 Drill Collar Length 185 I. D. 2 1/4 in.
 Mud Type Drispac Viscosity 56 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 12.8 cc. Drill Pipe Length 4178 I. D. 3.8 in.
 Chlorides 18,500 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 408 Anchor Length 34 + 31 ft. Size 5 1/2 - 6 1/4 OD in.
 Did Well Flow? No 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 FH in.

Blow: Strong blow in two minutes on initial flow period. Strong blow on final flow period.

Recovered 1800 ft. of muddy water Chlorides 130,000 PPM

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:17 ~~A.M.~~ P.M. Time Started Off Bottom 10:47 ~~A.M.~~ P.M. Maximum Temperature 125
 Initial Hydrostatic Pressure (A) 2345 P.S.I.
 Initial Flow Period Minutes 15 (B) 337 P.S.I. to (C) 439 P.S.I.
 Initial Closed In Period Minutes 27 (D) 1517 P.S.I.
 Final Flow Period Minutes 45 (E) 467 P.S.I. to (F) 884 P.S.I.
 Final Closed In Period Minutes 60 (G) 1522 P.S.I.
 Final Hydrostatic Pressure (H) 2293 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12-14-80 Test Ticket No. 8493
 Recorder No. 2606 Capacity 4150 Location 4364 Ft.
 Clock No. - Elevation 1957 Kelly Bushing Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2345</u>	P.S.I.	<u>8:17P</u>	<u>M</u>
B First Initial Flow Pressure	<u>337</u>	P.S.I.	<u>15</u>	Mins. <u>15</u> Mins.
C First Final Flow Pressure	<u>439</u>	P.S.I.	<u>30</u>	Mins. <u>27</u> Mins.
D Initial Closed-in Pressure	<u>1517</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
E Second Initial Flow Pressure	<u>467</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
F Second Final Flow Pressure	<u>884</u>	P.S.I.		
G Final Closed-in Pressure	<u>1522</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2293</u>	P.S.I.		

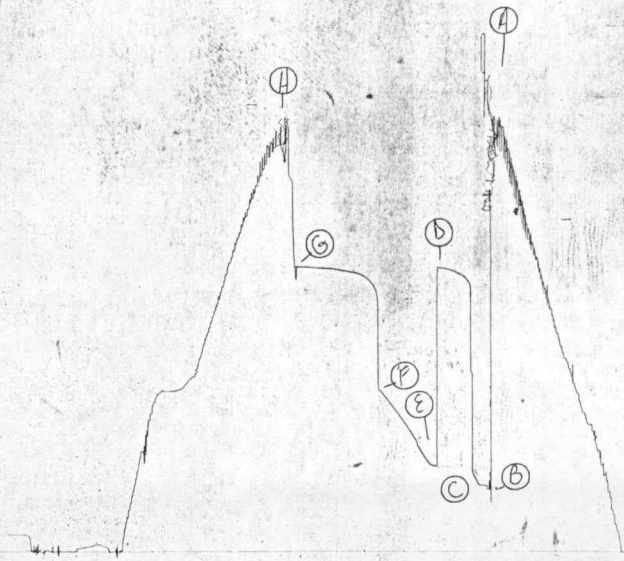
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>20</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 <u>0</u>	<u>337</u>	<u>0</u>	<u>439</u>	<u>0</u>	<u>467</u>	<u>0</u>	<u>884</u>
P 2 <u>5</u>	<u>364</u>	<u>3</u>	<u>1446</u>	<u>5</u>	<u>479</u>	<u>3</u>	<u>1419</u>
P 3 <u>10</u>	<u>377</u>	<u>6</u>	<u>1471</u>	<u>10</u>	<u>527</u>	<u>6</u>	<u>1446</u>
P 4 <u>15</u>	<u>439</u>	<u>9</u>	<u>1485</u>	<u>15</u>	<u>604</u>	<u>9</u>	<u>1467</u>
P 5 _____	_____	<u>12</u>	<u>1496</u>	<u>20</u>	<u>655</u>	<u>12</u>	<u>1481</u>
P 6 _____	_____	<u>15</u>	<u>1504</u>	<u>25</u>	<u>709</u>	<u>15</u>	<u>1490</u>
P 7 _____	_____	<u>18</u>	<u>1511</u>	<u>30</u>	<u>761</u>	<u>18</u>	<u>1496</u>
P 8 _____	_____	<u>21</u>	<u>1515</u>	<u>35</u>	<u>804</u>	<u>21</u>	<u>1498</u>
P 9 _____	_____	<u>24</u>	<u>1517</u>	<u>40</u>	<u>852</u>	<u>24</u>	<u>1502</u>
P10 _____	_____	<u>27</u>	<u>1517</u>	<u>45</u>	<u>884</u>	<u>27</u>	<u>1506</u>
P11 _____	_____	_____	_____	_____	_____	<u>30</u>	<u>1510</u>
P12 _____	_____	_____	_____	_____	_____	<u>33</u>	<u>1513</u>
P13 _____	_____	_____	_____	_____	_____	<u>36</u>	<u>1517</u>
P14 _____	_____	_____	_____	_____	_____	<u>39</u>	<u>1517</u>
P15 _____	_____	_____	_____	_____	_____	<u>42</u>	<u>1517</u>
P16 _____	_____	_____	_____	_____	_____	<u>45</u>	<u>1518</u>
P17 _____	_____	_____	_____	_____	_____	<u>48</u>	<u>1519</u>
P18 _____	_____	_____	_____	_____	_____	<u>51</u>	<u>1520</u>
P19 _____	_____	_____	_____	_____	_____	<u>54</u>	<u>1521</u>
P20 _____	_____	_____	_____	_____	_____	<u>57</u>	<u>1521</u>
						<u>60</u>	<u>1522</u>

2606 DSX#2

TKT # 8493

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Company Cline Brothers Lease & Well No. Cline #1
Elevation ----- Formation Kansas City- B Effective Pay ----- Ft. Ticket No. 8233
Date 12/16/80 Sec. 32 Twp. 32 S Range 14 W County Barber State KS
Test Approved by Gordon W. Keen Western Representative Dave Sloan

Formation Test No. 3 Interval Tested from 4660 ft. to 4760 ft. Total Depth 4760 ft.

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

Packer Depth 4660 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.

Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 4683 ft. Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 4689 ft. Recorder Number 6246 Cap. 5200

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

Drilling Contractor Freeman Drilling Rig #1 Drill Collar Length 120 I. D. 2.2 in.

Mud Type Drispac Viscosity 64 Weight Pipe Length --- I. D. ----- in.

Weight 9.4 Water Loss 14.8 cc. Drill Pipe Length 4511 I. D. 3.8 in.

Chlorides 21,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.

Jars: Make WIC Serial Number 408 Anchor Length 62 DC+ 38 ft. Size 5 1/2 OD in.

Did Well Flow? NO 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: Strong through both flow periods. Gas to surface in 25 minutes on final flow period. See attached sheet for gas measurements.

Recovered 30 ft. of Gas cut mud.

Recovered 180 ft. of Heavy oil and gas cut mud. 25% mud, 20% water, 23% oil, 32% gas

Recovered 120 ft. of Very heavy oil and gas cut mud. 5% mud, 17% water, 43% oil, 35% gas

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:10 ~~***~~ P.M. Time Started Off Bottom 2:55 ~~***~~ P.M. Maximum Temperature 121° F.

Initial Hydrostatic Pressure (A) 2390 P.S.I.

Initial Flow Period Minutes 15 (B) 119 P.S.I. to (C) 90 P.S.I.

Initial Closed In Period Minutes 33 (D) 1370 P.S.I.

Final Flow Period Minutes 60 (E) 174 P.S.I. to (F) 146 P.S.I.

Final Closed In Period Minutes 63 (G) 1330 P.S.I.

Final Hydrostatic Pressure (H) 2390 P.S.I.

GAS FLOW REPORT

Date 12-16-80 Ticket 8233 Company Cline Brothers
 Well Name and No. Cline #1 Dst No. 3 Interval Tested 4660-4760
 County Barber State Kansas Sec. 32 Twp. 32S Rg. 14W

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
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PRE FLOW

SECOND FLOW

Gas to Surface 25 minutes

10 Min	8" water	1/2" Orifice			4,760 C.F.P.D.
20 Min	16" Water	1/4" Orifice			6,720 C.F.P.D.
30 Min	17" water	1/4" Orifice			6,930 C.F.P.D.
35 Min	17" water	1/4" Orifice			6,930 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced 12-16-80

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 Cline Brothers
 Authorized by Gordon W. Keen

WESTERN TESTING CO., INC.

Pressure Data

Date 12-16-80 Recorder No. 2604 Capacity 4150 Test Ticket No. 8233 Location 4683 Ft.
 Clock No. Elevation Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2390	P.S.I.	12:10 P.M.	
B First Initial Flow Pressure	119	P.S.I.	15 Mins.	15 Mins.
C First Final Flow Pressure	90	P.S.I.	30 Mins.	33 Mins.
D Initial Closed-in Pressure	1370	P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	174	P.S.I.	60 Mins.	63 Mins.
F Second Final Flow Pressure	146	P.S.I.		
G Final Closed-in Pressure	1330	P.S.I.		
H Final Hydrostatic Mud	2390	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>21</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	119	0	90	0	174	0	146
P 2 5	94	3	104	5	149	3	160
P 3 10	90	6	174	10	146	6	197
P 4 15	90	9	275	15	146	9	253
P 5		12	396	20	146	12	307
P 6		15	596	25	146	15	377
P 7		18	778	30	146	18	441
P 8		21	962	35	146	21	523
P 9		24	1106	40	146	24	606
P10		27	1236	45	146	27	695
P11		30	1320	50	146	30	783
P12		33	1370	55	146	33	870
P13		36		60	146	36	954
P14		39				39	1020
P15		42				42	1086
P16		45				45	1140
P17		48				48	1186
P18		51				51	1224
P19		54				54	1257
P20		57				57	1284
		60				60	1307
		63				63	1330

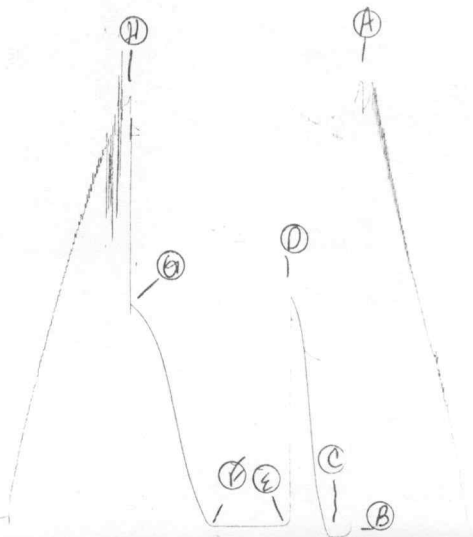
2604

Skt #8233

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DST 3



Company Cline Brothers Lease & Well No. Cline #1
 Elevation ----- Formation Mississippi Effective Pay -- Ft. Ticket No. 8254
 Date 12/17/80 Sec. 32 Twp. 32S Range 14W County Barber State Kansas
 Test Approved by Gordon W. Keen Western Representative Stuart Stover
 Formation Test No. 4 Interval Tested from 4776 ft. to 4800 ft. Total Depth 4800 ft.
 Packer Depth 4771 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4776 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4781 ft. Recorder Number 11019 Cap. 4500
 Bottom Recorder Depth (Outside) 4786 ft. Recorder Number 11018 Cap. 4425
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Freeman Drilling Rig #1 Drill Collar Length 186 I. D. 2 1/4 in.
 Mud Type drispac Viscosity 54 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 15.2 cc. Drill Pipe Length 4563 I. D. 4.0 in.
 Chlorides 16,000 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2 in.
 Jars: Make WTC Serial Number 3660 Anchor Length 24 ft. Size 4 1/2 in.
 Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Good blow; off bottom of bucket. Gas to surface in two minutes on final flow period.
See attached sheet for gas measurements.

Recovered 120 ft. of gassy drilling mud
 Recovered 60 ft. of gassy mud slightly oil cut
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 11:00 ~~A.M.~~ P.M. Time Started Off Bottom 2:45 ~~A.M.~~ P.M. Maximum Temperature --
 Initial Hydrostatic Pressure (A) 2477 P.S.I.
 Initial Flow Period Minutes 30 (B) 87 P.S.I. to (C) 54 P.S.I.
 Initial Closed In Period Minutes 51 (D) 1571 P.S.I.
 Final Flow Period Minutes 70 (E) 81 P.S.I. to (F) 61 P.S.I.
 Final Closed In Period Minutes 111 (G) 1717 P.S.I.
 Final Hydrostatic Pressure (H) 2238 P.S.I.

GAS FLOW REPORT

Date 12/17/80 Ticket 8254 Company Cline Brothers
 Well Name and No. Cline #1 Dst No. 4 Interval Tested 4776'-4800'
 County Barber State Kansas Sec. 32 Twp. 32S Rg. 14W

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
PRE FLOW						

						SECOND FLOW
						Gas to surface in two minutes.
	10 min.	2.0 PSIG	1/4" orifice			12,700 CFPD
	20 min.	3.0 PSIG	1/4" orifice			15,700 CFPD
	30 min.	4.0 PSIG	1/4" orifice			18,500 CFPD
	40 min.	6.0 PSIG	1/4" orifice			22,900 CFPD
	50 min.	5.5 PSIG	1/4" orifice			21,800 CFPD
	60 min.	5.5 PSIG	1/4" orifice			21,800 CFPD

GAS BOTTLE

Serial No. 625 Date Bottle Filled 12/17/80 Date to be Invoiced 12/17/80

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 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 Cline Brothers
 Authorized by Gordon W. Keen

WESTERN TESTING CO., INC.

Pressure Data

Date 12-17-80 Recorder No. 11019 Capacity 4500 Test Ticket No. 8254 Location 4781 Ft.
 Clock No. - Elevation - Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2477 P.S.I.	Open Tool	11:00 A. M.	
B First Initial Flow Pressure	87 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	54 P.S.I.	Initial Closed-in Pressure	45 Mins.	51 Mins.
D Initial Closed-in Pressure	1571 P.S.I.	Second Flow Pressure	60 Mins.	70 Mins.
E Second Initial Flow Pressure	81 P.S.I.	Final Closed-in Pressure	90 Mins.	111 Mins.
F Second Final Flow Pressure	61 P.S.I.			
G Final Closed-in Pressure	1717 P.S.I.			
H Final Hydrostatic Mud	2238 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>37</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 <u>0</u>	<u>87</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>81</u>	<u>0</u>	<u>61</u>
P 2 <u>5</u>	<u>60</u>	<u>3</u>	<u>54</u>	<u>5</u>	<u>57</u>	<u>3</u>	<u>382</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>86</u>	<u>10</u>	<u>57</u>	<u>6</u>	<u>588</u>
P 4 <u>15</u>	<u>56</u>	<u>9</u>	<u>199</u>	<u>15</u>	<u>57</u>	<u>9</u>	<u>793</u>
P 5 <u>20</u>	<u>55</u>	<u>12</u>	<u>337</u>	<u>20</u>	<u>58</u>	<u>12</u>	<u>993</u>
P 6 <u>25</u>	<u>54</u>	<u>15</u>	<u>477</u>	<u>25</u>	<u>58</u>	<u>15</u>	<u>1133</u>
P 7 <u>30</u>	<u>54</u>	<u>18</u>	<u>628</u>	<u>30</u>	<u>59</u>	<u>18</u>	<u>1260</u>
P 8		<u>21</u>	<u>777</u>	<u>35</u>	<u>59</u>	<u>21</u>	<u>1355</u>
P 9		<u>24</u>	<u>921</u>	<u>40</u>	<u>60</u>	<u>24</u>	<u>1437</u>
P10		<u>27</u>	<u>1060</u>	<u>45</u>	<u>60</u>	<u>27</u>	<u>1498</u>
P11		<u>30</u>	<u>1186</u>	<u>50</u>	<u>60</u>	<u>30</u>	<u>1546</u>
P12		<u>33</u>	<u>1287</u>	<u>55</u>	<u>61</u>	<u>33</u>	<u>1574</u>
P13		<u>36</u>	<u>1369</u>	<u>60</u>	<u>61</u>	<u>36</u>	<u>1599</u>
P14		<u>39</u>	<u>1434</u>	<u>65</u>	<u>61</u>	<u>39</u>	<u>1622</u>
P15		<u>42</u>	<u>1486</u>	<u>70</u>	<u>61</u>	<u>42</u>	<u>1639</u>
P16		<u>45</u>	<u>1525</u>			<u>45</u>	<u>1651</u>
P17		<u>48</u>	<u>1553</u>			<u>48</u>	<u>1662</u>
P18		<u>51</u>	<u>1571</u>			<u>51</u>	<u>1670</u>
P19						<u>54</u>	<u>1676</u>
P20						<u>57</u>	<u>1681</u>
						<u>60</u>	<u>1683</u>

WESTERN TESTING CO., INC.

Pressure Data

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 Recorder No. 11019 Capacity 4500 Location 4781 Ft.
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PRESSURE BREAKDOWN

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Breakdown: <u>6</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>37</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	1686
P 2						66	1690
P 3						69	1694
P 4						72	1696
P 5						75	1699
P 6						78	1703
P 7						81	1705
P 8						84	1707
P 9						87	1709
P10						90	1711
P11						93	1713
P12						96	1714
P13						99	1715
P14						102	1716
P15						105	1717
P16						108	1717
P17						111	1717
P18							
P19							
P20							

11019-8254

JK # 8254

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