

Company Mull Drilling Company Lease & Well No. Doggett #4
 Elevation ----- Formation ----- Effective Pay ----- Ft. Ticket No. 5817
 Date 4/22/80 Sec. 17 Twp. 26S Range. 15W County Pratt State Kansas
 Test Approved by Roger L. Martin Western Representative Jim Wondra

Formation Test No. 1 Interval Tested from 3888 ft. to 3916 ft. Total Depth 3961 ft.
 Packer Depth 3883 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3888 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3878 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 3881 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blue Goose Drilling Rig #1 Drill Collar Length 103 I. D. 2 1/4 in.
 Mud Type chemical-driscopac Viscosity 31 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 16.0 cc. Drill Pipe Length 3764 I. D. 3.8 in.
 Chlorides 13,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 28 ft. Size 5 1/2 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 FH in.

Blow: Strong blow throughout flow periods. Gas to surface in seven minutes on pre-flow. See attached sheet for gas measurements.

Recovered 90 ft. of gas cut mud
 Recovered 600 ft. of gassy salt water
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 9:25 ~~A.M.~~ P.M. Time Started Off Bottom 12:40 ~~A.M.~~ P.M. Maximum Temperature 121°
 Initial Hydrostatic Pressure (A) 1941 P.S.I.
 Initial Flow Period Minutes 30 (B) 201 P.S.I. to (C) 220 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1316 P.S.I.
 Final Flow Period Minutes 60 (E) 258 P.S.I. to (F) 360 P.S.I.
 Final Closed In Period Minutes 60 (G) 1316 P.S.I.
 Final Hydrostatic Pressure (H) 1867 P.S.I.

GAS FLOW REPORT

Date 4/22/80 Ticket 5817 Company Mull Drilling Company
 Well Name and No. Doggett #4 Dst No. 1 Interval Tested 3888' - 3916'
 County Pratt State Kansas Sec. 17 Twp. 26S 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 seven minutes. PRE FLOW						
	10 min.	5" of water		1" orifice		57,700 CFPD
	20 min.	4" of water		1" orifice		51,600 CFPD
	30 min.	3" of water		1" orifice		44,700 CFPD

SECOND FLOW						
	5 min.	22" of water		3/4" orifice		66,600 CFPD
	10 min.	10" of water		3/4" orifice		44,800 CFPD
	20 min.	5" of water		3/4" orifice		31,600 CFPD
	30 min.	4" of water		3/4" orifice		28,300 CFPD
	40 min.	4" of water		3/4" orifice		28,300 CFPD
	50 min.	4" of water		3/4" orifice		28,300 CFPD
	60 min.	4" of water		3/4" orifice		28,300 CFPD

GAS BOTTLE

Serial No. --- Date Bottle Filled --- Date to be Invoiced 4/22/80

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 Mull Drilling Company
 Jim Wondra
 Authorized by _____

WESTERN TESTING CO., INC.
Pressure Data

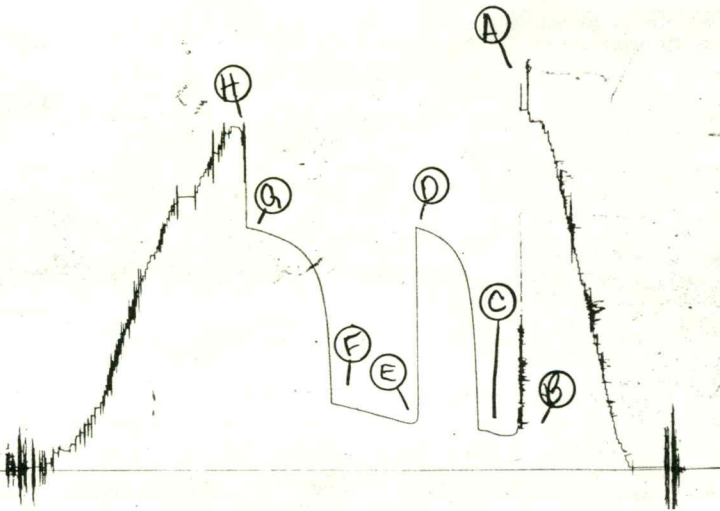
Date 4-22-80 Test Ticket No. 5817
 Recorder No. 2607 Capacity 4150 Location 3878 Ft.
 Clock No. ---- Elevation ---- Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1941 P.S.I.	Open Tool	9:25 P M	
B First Initial Flow Pressure	201 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	220 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1316 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	258 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	360 P.S.I.			
G Final Closed-in Pressure	1316 P.S.I.			
H Final Hydrostatic Mud	1867 P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	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>201</u>	<u>0</u>	<u>220</u>	<u>0</u>	<u>258</u>	<u>0</u>	<u>260</u>	
P 2 <u>5</u>	<u>201</u>	<u>3</u>	<u>677</u>	<u>5</u>	<u>258</u>	<u>3</u>	<u>810</u>	
P 3 <u>10</u>	<u>190</u>	<u>6</u>	<u>904</u>	<u>10</u>	<u>265</u>	<u>6</u>	<u>946</u>	
P 4 <u>15</u>	<u>195</u>	<u>9</u>	<u>1029</u>	<u>15</u>	<u>275</u>	<u>9</u>	<u>1031</u>	
P 5 <u>20</u>	<u>203</u>	<u>12</u>	<u>1098</u>	<u>20</u>	<u>285</u>	<u>12</u>	<u>1086</u>	
P 6 <u>25</u>	<u>216</u>	<u>15</u>	<u>1144</u>	<u>25</u>	<u>296</u>	<u>15</u>	<u>1132</u>	
P 7 <u>30</u>	<u>220</u>	<u>18</u>	<u>1184</u>	<u>30</u>	<u>305</u>	<u>18</u>	<u>1161</u>	
P 8		<u>21</u>	<u>1211</u>	<u>35</u>	<u>316</u>	<u>21</u>	<u>1286</u>	
P 9		<u>24</u>	<u>1230</u>	<u>40</u>	<u>326</u>	<u>24</u>	<u>1205</u>	
P10		<u>27</u>	<u>1249</u>	<u>45</u>	<u>335</u>	<u>27</u>	<u>1222</u>	
P11		<u>30</u>	<u>1261</u>	<u>50</u>	<u>343</u>	<u>30</u>	<u>1238</u>	
P12		<u>33</u>	<u>1278</u>	<u>55</u>	<u>352</u>	<u>33</u>	<u>1249</u>	
P13		<u>36</u>	<u>1288</u>	<u>60</u>	<u>360</u>	<u>36</u>	<u>1257</u>	
P14		<u>39</u>	<u>1297</u>			<u>39</u>	<u>1268</u>	
P15		<u>42</u>	<u>1305</u>			<u>42</u>	<u>1276</u>	
P16		<u>45</u>	<u>1316</u>			<u>45</u>	<u>1282</u>	
P17						<u>48</u>	<u>1291</u>	
P18						<u>51</u>	<u>1299</u>	
P19						<u>54</u>	<u>1305</u>	
P20						<u>57</u>	<u>1311</u>	
						<u>60</u>	<u>1316</u>	

TK# 5817
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Company Mull Drilling Company Lease & Well No. Doggett #4
 Elevation ----- Formation - Effective Pay - Ft. Ticket No. 5818
 Date 4/24/80 Sec. 17 Twp. 26S Range 15W County Pratt State Kansas
 Test Approved by Roger L. Martin Western Representative Jim Wondra

Formation Test No. 2 Interval Tested from 4018 ft. to 4040' ft. Total Depth 4040' ft.
 Packer Depth 4013 ft. Size 6 3/4 Packer Depth - ft. Size - in.
 Packer Depth 4018 ft. Size 6 3/4 Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4030 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4033 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blue Goose Drlg. Rig #1 Drill Collar Length 103 I. D. 2 1/4 in.
 Mud Type chemical viscosity pac 41 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 9.1 cc. Drill Pipe Length 3894 I. D. 3.8 in.
 Chlorides 15,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make -- Serial Number - Anchor Length 22 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 FH in.

Blow: Strong blow throughout flow periods. Gas to surface in three minutes on pre-flow. See attached sheet for gas measurements.

Recovered 5 ft. of slightly oil cut mud
 Recovered 61 ft. of gassy oil cut mud
 Recovered 61 ft. of very foamy gassy oil
 Recovered 61 ft. of gassy oil
 Recovered ft. of

Remarks:

Time Set Packer(s) 10:55 ~~A.M.~~ P.M. Time Started Off Bottom 2:10 ~~A.M.~~ P.M. Maximum Temperature 122°
 Initial Hydrostatic Pressure (A) 1983 P.S.I.
 Initial Flow Period Minutes 30 (B) 82 P.S.I. to (C) 87 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1092 P.S.I.
 Final Flow Period Minutes 60 (E) 93 P.S.I. to (F) 93 P.S.I.
 Final Closed In Period Minutes 72 (G) 1082 P.S.I.
 Final Hydrostatic Pressure (H) 1964 P.S.I.

GAS FLOW REPORT

Date 4/24/80 Ticket 5818 Company Mull Drilling Company
 Well Name and No. Doggett #4 Dst No. 2 Interval Tested 4018'-4040'
 County Pratt State Kansas Sec. 17 Twp. 26S 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
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Gas to surface in three minutes. PRE FLOW

	5 min.	12" of water	1½" orifice		241,000 CFPD
	10 min.	11" of water	1½" orifice		231,000 CFPD
	20 min.	9" of water	1½" orifice		209,000 CFPD
	30 min.	8" of water	1½" orifice		197,000 CFPD

SECOND FLOW

	5 min.	17" of water	1½" orifice		287,000 CFPD
	10 min.	16" of water	1½" orifice		278,000 CFPD
	20 min.	12" of water	1½" orifice		241,000 CFPD
	30 min.	8" of water	1½" orifice		197,000 CFPD
	40 min.	6" of water	1½" orifice		170,000 CFPD
	50 min.	5" of water	1½" orifice		156,000 CFPD
	60 min.	5" of water	1½" orifice		156,000 CFPD

GAS BOTTLE

Serial No. 601 Date Bottle Filled 4/24/80 Date to be Invoiced 4/24/80

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 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 Mull Drilling Company
Roger L. Martin
 Authorized by _____

WESTERN TESTING CO., INC.
Pressure Data

Date 4-24-80 Test Ticket No. 5818
 Recorder No. 2607 Capacity 4150 Location 4030 Ft.
 Clock No. --- Elevation ----- Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1983 P.S.I.	Open Tool	10:55 P.M.	
B First Initial Flow Pressure	82 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	87 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1092 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	93 P.S.I.	Final Closed-in Pressure	60 Mins.	72 Mins.
F Second Final Flow Pressure	93 P.S.I.			
G Final Closed-in Pressure	1082 P.S.I.			
H Final Hydrostatic Mud	1964 P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <u>5</u> mins. and a final inc. of <u>0</u> Min.		of <u>3</u> mins. and a final inc. of <u>0</u> Min.		of <u>5</u> mins. and a final inc. of <u>0</u> Min.		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 <u>0</u>	<u>82</u>	<u>0</u>	<u>87</u>	<u>0</u>	<u>93</u>	<u>0</u>	<u>93</u>	
P 2 <u>5</u>	<u>82</u>	<u>3</u>	<u>652</u>	<u>5</u>	<u>93</u>	<u>3</u>	<u>679</u>	
P 3 <u>10</u>	<u>84</u>	<u>6</u>	<u>923</u>	<u>10</u>	<u>80</u>	<u>6</u>	<u>877</u>	
P 4 <u>15</u>	<u>89</u>	<u>9</u>	<u>992</u>	<u>15</u>	<u>80</u>	<u>9</u>	<u>937</u>	
P 5 <u>20</u>	<u>87</u>	<u>12</u>	<u>1019</u>	<u>20</u>	<u>80</u>	<u>12</u>	<u>975</u>	
P 6 <u>25</u>	<u>87</u>	<u>15</u>	<u>1038</u>	<u>25</u>	<u>80</u>	<u>15</u>	<u>996</u>	
P 7 <u>30</u>	<u>87</u>	<u>18</u>	<u>1047</u>	<u>30</u>	<u>80</u>	<u>18</u>	<u>1010</u>	
P 8 _____		<u>21</u>	<u>1055</u>	<u>35</u>	<u>84</u>	<u>21</u>	<u>1018</u>	
P 9 _____		<u>24</u>	<u>1063</u>	<u>40</u>	<u>88</u>	<u>24</u>	<u>1025</u>	
P10 _____		<u>27</u>	<u>1071</u>	<u>45</u>	<u>91</u>	<u>27</u>	<u>1033</u>	
P11 _____		<u>30</u>	<u>1079</u>	<u>50</u>	<u>92</u>	<u>30</u>	<u>1040</u>	
P12 _____		<u>33</u>	<u>1082</u>	<u>55</u>	<u>93</u>	<u>33</u>	<u>1045</u>	
P13 _____		<u>36</u>	<u>1085</u>	<u>60</u>	<u>93</u>	<u>36</u>	<u>1049</u>	
P14 _____		<u>39</u>	<u>1088</u>			<u>39</u>	<u>1054</u>	
P15 _____		<u>42</u>	<u>1090</u>			<u>42</u>	<u>1059</u>	
P16 _____		<u>45</u>	<u>1092</u>			<u>45</u>	<u>1063</u>	
P17 _____						<u>48</u>	<u>1066</u>	
P18 _____						<u>51</u>	<u>1069</u>	
P19 _____						<u>54</u>	<u>1071</u>	
P20 _____						<u>57</u>	<u>1073</u>	
						<u>60</u>	<u>1075</u>	

WESTERN TESTING CO., INC.

Pressure Data

Date 4-24-80 Recorder No. 2607 Capacity 4150 Test Ticket No. 5818
 Location 4030 Ft. Elevation --- Well Temperature 122 °F

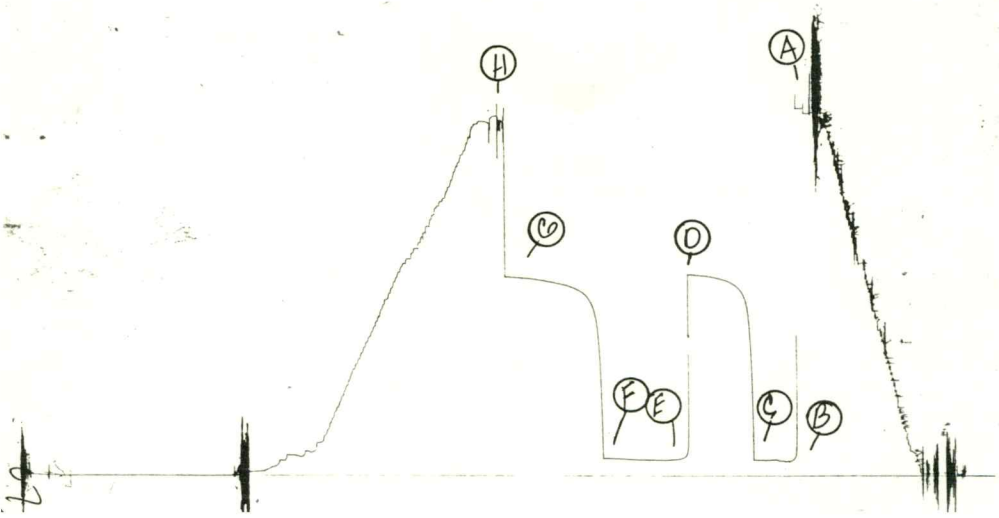
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1983 P.S.I.	Open Tool	10:55 P.M.	.
B First Initial Flow Pressure	82 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	87 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1092 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	93 P.S.I.	Final Closed-in Pressure	60 Mins.	72 Mins.
F Second Final Flow Pressure	93 P.S.I.			
G Final Closed-in Pressure	1082 P.S.I.			
H Final Hydrostatic Mud	1964 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>24</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						63	1077
P 2						66	1079
P 3						69	1081
P 4						72	1082
P 5							
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TK# 5818
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Company Mull Drilling Company Lease & Well No. Doggett #4
 Elevation ----- Formation ----- Effective Pay ----- Ft. Ticket No. 5819
 Date 4/24/80 Sec. 17 Twp. 26S Range. 15W County Pratt State Kansas
 Test Approved by Roger L. Martin Western Representative Jim Wondra

Formation Test No. 3 Interval Tested from 4059 ft. to 4096 ft. Total Depth 4096 ft.
 Packer Depth 4054 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4059 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4086 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4089 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blue Goose Drlg. Rig #1 Drill Collar Length 301 I. D. 2 1/4 in.
 Mud Type chemical - drispac Viscosity 42 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 11.8 cc. Drill Pipe Length 3736 I. D. 3.8 in.
 Chlorides 18,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 37 ft. Size 5 1/2 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 4 1/2 FH in.

Blow: Strong blow throughout flow period.

Recovered 55 ft. of watery mud
 Recovered 62 ft. of muddy water
 Recovered 1115 ft. of salt water (136,000 chlorides ppm)
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 8:20 ~~AM~~ P.M. Time Started Off Bottom 11:35 ~~AM~~ P.M. Maximum Temperature 123
 Initial Hydrostatic Pressure 2023 P.S.I. (A)
 Initial Flow Period 35 Minutes (B) 91 P.S.I. to (C) 305 P.S.I.
 Initial Closed In Period 45 Minutes (D) 1419 P.S.I.
 Final Flow Period 60 Minutes (E) 394 P.S.I. to (F) 625 P.S.I.
 Final Closed In Period 60 Minutes (G) 1416 P.S.I.
 Final Hydrostatic Pressure 1964 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 4/24/80 Test Ticket No. 5819
 Recorder No. 2607 Capacity 4150 Location 4096 Ft.
 Clock No. - Elevation - Well Temperature 123 °F

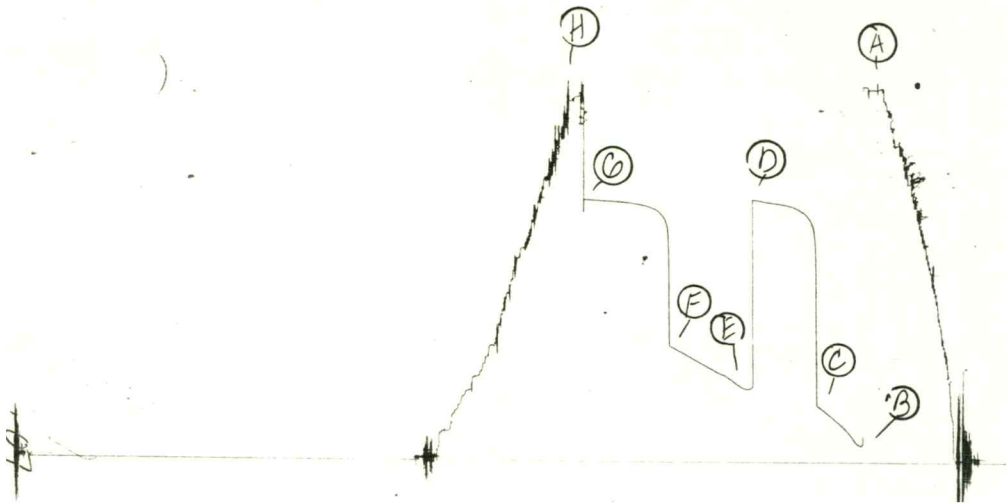
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2023</u> P.S.I.	Open Tool	<u>8:20P</u> M	
B First Initial Flow Pressure	<u>91</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>35</u> Mins.
C First Final Flow Pressure	<u>305</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1419</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>394</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>625</u> P.S.I.			
G Final Closed-in Pressure	<u>1416</u> P.S.I.			
H Final Hydrostatic Mud	<u>1964</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>7</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 <u>0</u>	<u>91</u>	<u>0</u>	<u>305</u>	<u>0</u>	<u>394</u>	<u>0</u>	<u>625</u>
P 2 <u>5</u>	<u>108</u>	<u>3</u>	<u>1259</u>	<u>5</u>	<u>394</u>	<u>3</u>	<u>1316</u>
P 3 <u>10</u>	<u>152</u>	<u>6</u>	<u>1314</u>	<u>10</u>	<u>411</u>	<u>6</u>	<u>1341</u>
P 4 <u>15</u>	<u>190</u>	<u>9</u>	<u>1341</u>	<u>15</u>	<u>439</u>	<u>9</u>	<u>1364</u>
P 5 <u>20</u>	<u>222</u>	<u>12</u>	<u>1359</u>	<u>20</u>	<u>462</u>	<u>12</u>	<u>1372</u>
P 6 <u>25</u>	<u>256</u>	<u>15</u>	<u>1370</u>	<u>25</u>	<u>483</u>	<u>15</u>	<u>1378</u>
P 7 <u>30</u>	<u>284</u>	<u>18</u>	<u>1380</u>	<u>30</u>	<u>502</u>	<u>18</u>	<u>1387</u>
P 8 <u>35</u>	<u>305</u>	<u>21</u>	<u>1389</u>	<u>35</u>	<u>521</u>	<u>21</u>	<u>1391</u>
P 9		<u>24</u>	<u>1392</u>	<u>40</u>	<u>542</u>	<u>24</u>	<u>1395</u>
P10		<u>27</u>	<u>1397</u>	<u>45</u>	<u>564</u>	<u>27</u>	<u>1399</u>
P11		<u>30</u>	<u>1398</u>	<u>50</u>	<u>583</u>	<u>30</u>	<u>1401</u>
P12		<u>33</u>	<u>1400</u>	<u>55</u>	<u>602</u>	<u>33</u>	<u>1405</u>
P13		<u>36</u>	<u>1402</u>	<u>60</u>	<u>625</u>	<u>36</u>	<u>1408</u>
P14		<u>39</u>	<u>1408</u>			<u>39</u>	<u>1407</u>
P15		<u>42</u>	<u>1413</u>			<u>42</u>	<u>1408</u>
P16		<u>45</u>	<u>1419</u>			<u>45</u>	<u>1410</u>
P17						<u>48</u>	<u>1411</u>
P18						<u>51</u>	<u>1412</u>
P19						<u>54</u>	<u>1414</u>
P20						<u>57</u>	<u>1415</u>
						<u>60</u>	<u>1416</u>

TH #5819
I



Mull Drilling Company, Inc.

Doggett #4

Company Mull Drilling Company, Inc. Lease & Well No. Doggett #4

Elevation --- Formation --- Effective Pay --- Ft. Ticket No. 5820

Date 4/25/80 Sec. 17 Twp. 26S Range 15W County Pratt State Kansas

Test Approved by Roger L. Martin Western Representative Jim Wondra

Formation Test No. 4 Interval Tested from 4106 ft. to 4133ft. Total Depth 4133 ft.

Packer Depth 4101 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4106 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4123 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4126 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Blue Goose Drilling Rig #1 Drill Collar Length 301 I. D. 2 1/4 in.

Mud Type chemical-driscopac Viscosity 45 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 12.6 cc. Drill Pipe Length 3884 I. D. 3.8 in.

Chlorides 19,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.

Jars: Make - Serial Number - Anchor Length 27 ft. Size 5 1/2 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 4 1/2 FH in.

Strong blow throughout flow periods.

Blow:

Recovered 180 ft. of gas in pipe

Recovered 40 ft. of heavy oil cut watery mud

Recovered 61 ft. of spotted muddy water

Recovered 122 ft. of oil spotted water

Recovered 183 ft. of salt water Total Fluid 406 feet

Remarks:

Time Set Packer(s) 1:40 AM P.M. Time Started Off Bottom 4:55 AM P.M. Maximum Temperature 123°

Initial Hydrostatic Pressure (A) 2074 P.S.I.

Initial Flow Period Minutes 30 (B) 76 P.S.I. to (C) 135 P.S.I.

Initial Closed In Period Minutes 48 (D) 1278 P.S.I.

Final Flow Period Minutes 65 (E) 188 P.S.I. to (F) 229 P.S.I.

Final Closed In Period Minutes 63 (G) 1219 P.S.I.

Final Hydrostatic Pressure (H) 1981 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 4/25/80 Test Ticket No. 5820
 Recorder No. 2607 Capacity 4150 Location 4133 Ft.
 Clock No. ---- Elevation ---- Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2074</u> P.S.I.	Open Tool	<u>1:40P</u> M	
B First Initial Flow Pressure	<u>76</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>135</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>48</u> Mins.
D Initial Closed-in Pressure	<u>1278</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>65</u> Mins.
E Second Initial Flow Pressure	<u>188</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>229</u> P.S.I.			
G Final Closed-in Pressure	<u>1219</u> P.S.I.			
H Final Hydrostatic Mud	<u>1981</u> P.S.I.			

PRESSURE BREAKDOWN

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

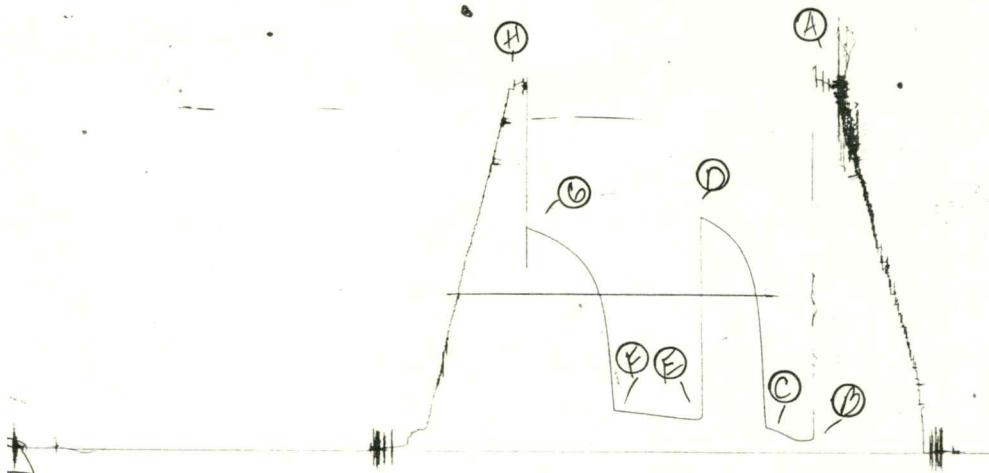
Initial Shut-In
 Breakdown: 16 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

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

Final Shut-In
 Breakdown: 21 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>76</u>	<u>0</u>	<u>135</u>	<u>0</u>	<u>188</u>	<u>0</u>	<u>229</u>
P 2 <u>5</u>	<u>74</u>	<u>3</u>	<u>479</u>	<u>5</u>	<u>182</u>	<u>3</u>	<u>483</u>
P 3 <u>10</u>	<u>74</u>	<u>6</u>	<u>745</u>	<u>10</u>	<u>184</u>	<u>6</u>	<u>710</u>
P 4 <u>15</u>	<u>82</u>	<u>9</u>	<u>891</u>	<u>15</u>	<u>186</u>	<u>9</u>	<u>824</u>
P 5 <u>20</u>	<u>97</u>	<u>12</u>	<u>977</u>	<u>20</u>	<u>190</u>	<u>12</u>	<u>887</u>
P 6 <u>25</u>	<u>112</u>	<u>15</u>	<u>1038</u>	<u>25</u>	<u>195</u>	<u>15</u>	<u>937</u>
P 7 <u>30</u>	<u>127</u>	<u>18</u>	<u>1086</u>	<u>30</u>	<u>199</u>	<u>18</u>	<u>977</u>
P 8 <u>33</u>	<u>135</u>	<u>21</u>	<u>1123</u>	<u>35</u>	<u>203</u>	<u>21</u>	<u>1008</u>
P 9		<u>24</u>	<u>1150</u>	<u>40</u>	<u>210</u>	<u>24</u>	<u>1035</u>
P10		<u>27</u>	<u>1176</u>	<u>45</u>	<u>212</u>	<u>27</u>	<u>1061</u>
P11		<u>30</u>	<u>1199</u>	<u>50</u>	<u>216</u>	<u>30</u>	<u>1082</u>
P12		<u>33</u>	<u>1215</u>	<u>55</u>	<u>220</u>	<u>33</u>	<u>1100</u>
P13		<u>36</u>	<u>1230</u>	<u>60</u>	<u>224</u>	<u>36</u>	<u>1117</u>
P14		<u>39</u>	<u>1242</u>	<u>65</u>	<u>229</u>	<u>39</u>	<u>1132</u>
P15		<u>42</u>	<u>1255</u>			<u>42</u>	<u>1144</u>
P16		<u>45</u>	<u>1268</u>			<u>45</u>	<u>1157</u>
P17		<u>48</u>	<u>1278</u>			<u>48</u>	<u>1171</u>
P18						<u>51</u>	<u>1181</u>
P19						<u>54</u>	<u>1190</u>
P20						<u>57</u>	<u>1201</u>
						<u>60</u>	<u>1208</u>
						<u>63</u>	<u>1219</u>

TKL # 5820
II



Company Mull Drilling Company, Inc. Lease & Well No. Doggett #4
 Elevation ----- Formation Mississippi Effective Pay ---- Ft. Ticket No. 5821
 Date 4/26/80 Sec. 17 Twp. 26S Range 15W County Pratt State Kansas
 Test Approved by Roger L. Martin Western Representative Jim Wondra

Formation Test No. 5 Interval Tested from 4301 ft. to 4329 ft. Total Depth 4329 ft.
 Packer Depth 4296 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4301 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4319 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4322 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blue Goose Drlg. Rig #1 Drill Collar Length 301 I. D. 2 1/4 in.
 Mud Type chemical-driscopac Viscosity 49 Weight Pipe Length -- I. D. - in.
 Weight 9.3 Water Loss 22.4 cc. Drill Pipe Length 3979 I. D. 3.8 in.
 Chlorides 18,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 28 ft. Size 5 1/2 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 4 1/2 FH in.

Blow: Weak increased to fair blow on first flow period. Fair blow throughout second flow period.

Recovered 30 ft. of drilling mud (few spots of oil)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 12:55 ~~AM~~ P.M. Time Started Off Bottom 4:10 ~~AM~~ P.M. Maximum Temperature 125
 Initial Hydrostatic Pressure 2200 (A) P.S.I.
 Initial Flow Period 30 Minutes (B) 89 P.S.I. to (C) 72 P.S.I.
 Initial Closed In Period 48 Minutes (D) 84 P.S.I.
 Final Flow Period 60 Minutes (E) 87 P.S.I. to (F) 102 P.S.I.
 Final Closed In Period 57 Minutes (G) 309 P.S.I.
 Final Hydrostatic Pressure 2137 (H) P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

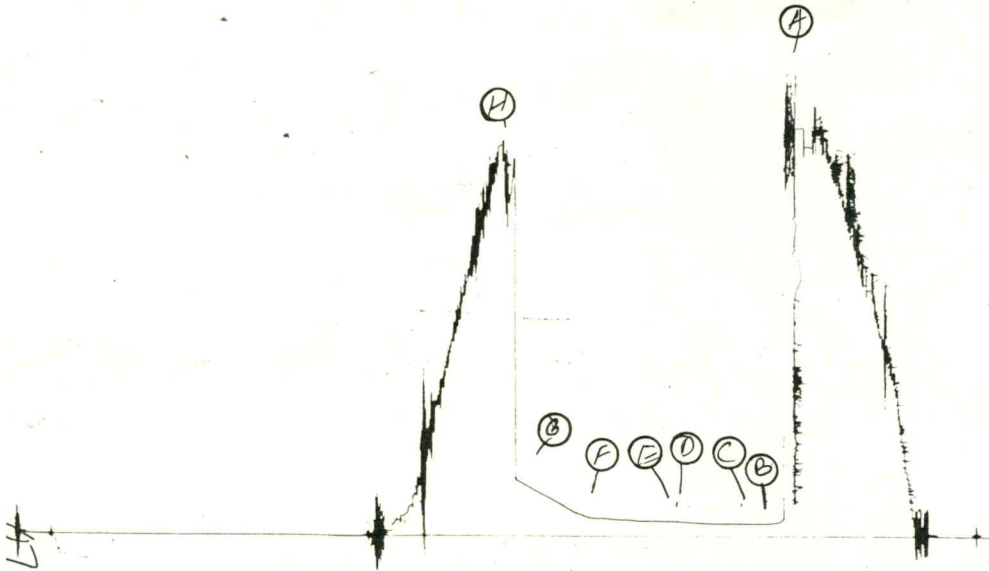
Date 4/26/80 Recorder No. 2607 Capacity 4150 Test Ticket No. 5821
 Location 4329 Ft. Well Temperature 125 °F
 Clock No. = Elevation -----

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2200</u> P.S.I.	Open Tool	<u>12:55P</u> M	
B First Initial Flow Pressure	<u>89</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>72</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>48</u> Mins.
D Initial Closed-in Pressure	<u>84</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>87</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>102</u> P.S.I.			
G Final Closed-in Pressure	<u>309</u> P.S.I.			
H Final Hydrostatic Mud	<u>2137</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <u>5</u> mins. and a final inc. of <u>0</u> Min.		of <u>3</u> mins. and a final inc. of <u>0</u> Min.		of <u>5</u> mins. and a final inc. of <u>0</u> Min.		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	<u>89</u>	<u>0</u>	<u>72</u>	<u>0</u>	<u>87</u>	<u>0</u>	<u>102</u>	
P 2	<u>78</u>	<u>3</u>	<u>72</u>	<u>3</u>	<u>87</u>	<u>3</u>	<u>108</u>	
P 3	<u>72</u>	<u>6</u>	<u>72</u>	<u>6</u>	<u>87</u>	<u>6</u>	<u>116</u>	
P 4	<u>72</u>	<u>9</u>	<u>72</u>	<u>9</u>	<u>87</u>	<u>9</u>	<u>125</u>	
P 5	<u>72</u>	<u>12</u>	<u>72</u>	<u>12</u>	<u>87</u>	<u>12</u>	<u>129</u>	
P 6	<u>72</u>	<u>15</u>	<u>72</u>	<u>15</u>	<u>87</u>	<u>15</u>	<u>142</u>	
P 7	<u>72</u>	<u>18</u>	<u>72</u>	<u>18</u>	<u>87</u>	<u>18</u>	<u>152</u>	
P 8		<u>21</u>	<u>72</u>	<u>21</u>	<u>93</u>	<u>21</u>	<u>165</u>	
P 9		<u>24</u>	<u>72</u>	<u>24</u>	<u>95</u>	<u>24</u>	<u>178</u>	
P10		<u>27</u>	<u>72</u>	<u>27</u>	<u>97</u>	<u>27</u>	<u>193</u>	
P11		<u>30</u>	<u>72</u>	<u>30</u>	<u>100</u>	<u>30</u>	<u>205</u>	
P12		<u>33</u>	<u>76</u>	<u>33</u>	<u>101</u>	<u>33</u>	<u>217</u>	
P13		<u>36</u>	<u>77</u>	<u>36</u>	<u>102</u>	<u>36</u>	<u>227</u>	
P14		<u>39</u>	<u>79</u>	<u>39</u>		<u>39</u>	<u>239</u>	
P15		<u>42</u>	<u>81</u>	<u>42</u>		<u>42</u>	<u>250</u>	
P16		<u>45</u>	<u>83</u>	<u>45</u>		<u>45</u>	<u>263</u>	
P17		<u>48</u>	<u>84</u>	<u>48</u>		<u>48</u>	<u>275</u>	
P18						<u>51</u>	<u>290</u>	
P19						<u>54</u>	<u>301</u>	
P20						<u>57</u>	<u>309</u>	

KT #5821
I



Company Mull Drilling Company, Inc. Lease & Well No. Doggett #4
 Elevation ----- Formation Mississippi Effective Pay ----- Ft. Ticket No. 5822
 Date 4/27/80 Sec. 17 Twp. 26S Range 15W County Pratt State Kansas
 Test Approved by Roger L. Martin Western Representative Jim Wondra

Formation Test No. 6 Interval Tested from 4300 ft. to 4371 ft. Total Depth 4371 ft.
 Packer Depth 4295 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4300 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4302 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4305 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blue Goose Drlg. Rig #1 Drill Collar Length 240 I. D. 2 1/4 in.
 Mud Type chemical - drispac Viscosity 49 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 22.4 cc. Drill Pipe Length 4039 I. D. 3.8 in.
 Chlorides 18,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 71 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 FH in.

Blow: Strong blow throughout flow periods. Gas to surface in one minutes on pre-flow. See attached sheet for gas measurements.

Recovered 15 ft. of gas cut mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s)	<u>8:00</u> PM ^{A.M.}	Time Started Off Bottom	<u>11:15</u> PM ^{A.M.}	Maximum Temperature	<u>125°</u>
Initial Hydrostatic Pressure	(A)	<u>2171</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>893</u>	P.S.I. to (C) <u>1010</u> P.S.I.
Initial Closed In Period	Minutes	<u>48</u>	(D)	<u>1157</u>	P.S.I.
Final Flow Period	Minutes	<u>60</u>	(E)	<u>1094</u>	P.S.I. to (F) <u>1110</u> P.S.I.
Final Closed In Period	Minutes	<u>63</u>	(G)	<u>1156</u>	P.S.I.
Final Hydrostatic Pressure	(H)	<u>2021</u>	P.S.I.		

GAS FLOW REPORT

Date 4/27/80 Ticket 5822 Company Mull Drilling Company, Inc.
 Well Name and No. Doggett #4 Dst No. 6 Interval Tested 4300-4371
 County Pratt State Kansas Sec. 17 Twp. 26S 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						
	5 min.	94 lbs.	1½" orifice			6,379,000 CFPD
	10 min.	96 lbs.	1½" orifice			6,498,000 CFPD
	20 min.	100 lbs.	1½" orifice			6,737,000 CFPD
	30 min.	100 lbs.	1½" orifice			6,737,000 CFPD
SECOND FLOW						
	5 min.	45 lbs.	2" orifice			5,690,000 CFPD
	10 min.	45 lbs.	2" orifice			5,690,000 CFPD
	20 min.	45 lbs.	2" orifice			5,690,000 CFPD
	30 min.	50 lbs.	2" orifice			6,160,000 CFPD
	40 min.	50 lbs.	2" orifice			6,160,000 CFPD
	50 min.	50 lbs.	2" orifice			6,160,000 CFPD
	60 min.	50 lbs.	2" orifice			6,160,000 CFPD

GAS BOTTLE

Serial No. 638 Date Bottle Filled 4/27/80 Date to be Invoiced 4/27/80

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 Mull Drilling Company, Inc.
 Authorized by Roger L. Martin

WESTERN TESTING CO., INC.
Pressure Data

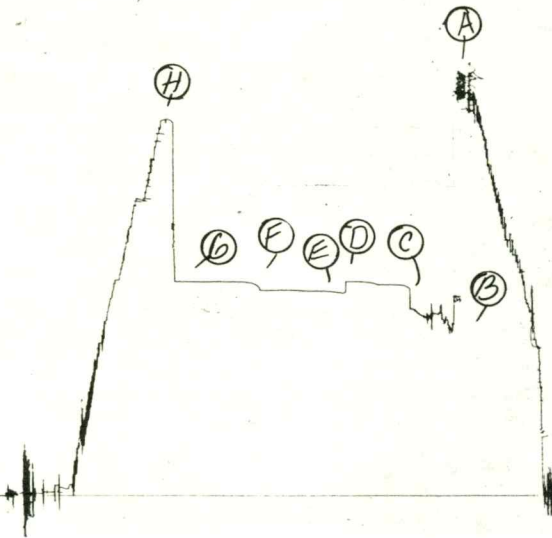
Date 4/27/80 Test Ticket No. 5822
 Recorder No. 2607 Capacity 4150 Location 4302 Ft.
 Clock No. ----- Elevation ----- Well Temperature 155 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2171	P.S.I.	8:00A	M
B First Initial Flow Pressure	893	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	1010	P.S.I.	45	Mins. 48 Mins.
D Initial Closed-in Pressure	1157	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	1094	P.S.I.	60	Mins. 63 Mins.
F Second Final Flow Pressure	1110	P.S.I.		
G Final Closed-in Pressure	1156	P.S.I.		
H Final Hydrostatic Mud	2021	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>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 <u>0</u>	<u>893</u>	<u>0</u>	<u>1010</u>	<u>0</u>	<u>1094</u>	<u>0</u>	<u>1110</u>
P 2 <u>5</u>	<u>Plugging action</u>	<u>3</u>	<u>1130</u>	<u>5</u>	<u>1098</u>	<u>3</u>	<u>1140</u>
P 3 <u>10</u>	<u>Plugging action</u>	<u>6</u>	<u>1137</u>	<u>10</u>	<u>1102</u>	<u>6</u>	<u>1148</u>
P 4 <u>15</u>	<u>Plugging action</u>	<u>9</u>	<u>1138</u>	<u>15</u>	<u>1103</u>	<u>9</u>	<u>1153</u>
P 5 <u>20</u>	<u>Plugging action</u>	<u>12</u>	<u>1138</u>	<u>20</u>	<u>1104</u>	<u>12</u>	<u>1155</u>
P 6 <u>25</u>	<u>Plugging action</u>	<u>15</u>	<u>1139</u>	<u>25</u>	<u>1105</u>	<u>15</u>	<u>1156</u>
P 7 <u>30</u>	<u>1010</u>	<u>18</u>	<u>1139</u>	<u>30</u>	<u>1106</u>	<u>18</u>	<u>1156</u>
P 8		<u>21</u>	<u>1140</u>	<u>35</u>	<u>1107</u>	<u>21</u>	<u>1156</u>
P 9		<u>24</u>	<u>1140</u>	<u>40</u>	<u>1108</u>	<u>24</u>	<u>1156</u>
P10		<u>27</u>	<u>1148</u>	<u>45</u>	<u>1110</u>	<u>27</u>	<u>1156</u>
P11		<u>30</u>	<u>1153</u>	<u>50</u>	<u>1110</u>	<u>30</u>	<u>1156</u>
P12		<u>33</u>	<u>1154</u>	<u>55</u>	<u>1110</u>	<u>33</u>	<u>1156</u>
P13		<u>36</u>	<u>1155</u>	<u>60</u>	<u>1110</u>	<u>36</u>	<u>1156</u>
P14		<u>39</u>	<u>1156</u>			<u>39</u>	<u>1156</u>
P15		<u>42</u>	<u>1157</u>			<u>42</u>	<u>1156</u>
P16		<u>45</u>	<u>1157</u>			<u>45</u>	<u>1156</u>
P17		<u>48</u>	<u>1157</u>			<u>48</u>	<u>1156</u>
P18						<u>51</u>	<u>1156</u>
P19						<u>54</u>	<u>1156</u>
P20						<u>57</u>	<u>1156</u>
						<u>60</u>	<u>1156</u>
						<u>63</u>	<u>1156</u>

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