



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Robinson Oil & Sweetman Drilling Co. Lease & Well No. Lake A-#1
Elevation - Formation Howard Effective Pay - Ft. Ticket No. 22478
Date 2-27-77 Sec. 11 Twp. 32S Range 14W County Barber State Kansas
Test Approved by Robert E. McCann Western Representative Bill Hager
Formation Test No. 1 O.K. Misrun Interval Tested From 3335' to 3362' Total Depth 3362'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 3330 Ft. Size 6 3/4 Bottom Packer Depth 3335 Ft. Size 6 3/4
Straddle Conv. B.T. Damaged Yes No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 27 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3349 Ft. Clock No. 8377 Depth 3352 Ft. Clock No. 6892
Top Make Kuster Cap. 3000 No. 3474 Inside Outside Bottom Make Kuster Cap. 4150 No. 969 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 8:02 A M
Tool Open I.F.P. From 8:04 A.M. to 8:34 A.M. - Hr. 30 Min. From (B) 43 P.S.I. To (C) 31 P.S.I.
Tool Closed I.C.I.P. From 8:34 M. to 9:04 A.M. - Hr. 30 Min (D) 972 P.S.I.
Tool Open F.F.P. From 9:04 A.M. to 9:49 A.M. - Hr. 45 Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From 9:49 M. to 10:34 M. - Hr. 45 Min. (G) clock stopped P.S.I.
Initial Hydrostatic Pressure (A) 1602 P.S.I. Final Hydrostatic Pressure (H) - P.S.I. Maximum Temp. 115

INFORMATION

BLOW Good to strong blow throughout test. Gas to surface in 40 minutes in second opening.

Did Well Flow Yes No Recovery Total Ft. 2' gas cut mud with trace of oil on tool.

Reversed Out Yes No Mud Type premix Viscosity 49 Weight 9.3 Water Loss - cc. Chlorides 29,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 3067 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 248 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 47 Ft.

Remarks: Clock #6892 stopped on initial flow period. Clock #8377 stopped after initial shut-in period. Read recorder #3474.

Estimated 10,000 C.F.P.D. of gas.

WESTERN TESTING CO., INC.

Pressure Data

Date 2-27-77 Test Ticket No. 22478

Recorder No. 3474 Capacity 3000 Location 3349 Ft.

Clock No. 8377 Elevation - Well Temperature 115 °F

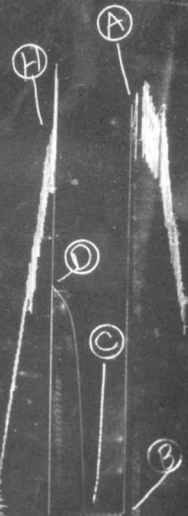
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1602</u> P.S.I.	Open Tool	<u>8:02</u> AM	
B First Initial Flow Pressure	<u>43</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>972</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	
E Second Initial Flow Pressure	<u>clock stopped</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	
F Second Final Flow Pressure	<u>" "</u> P.S.I.			
G Final Closed-in Pressure	<u>" "</u> P.S.I.			
H Final Hydrostatic Mud	<u>" "</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Point Minutes	Initial Shut-In	Point Minutes	Second Flow Pressure	Point Minutes	Final Shut-In
	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.		Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.
	Press.		Press.		Press.		Press.
P 1 <u>0</u>	<u>43</u>	<u>0</u>	<u>31</u>				
P 2 <u>5</u>	<u>31</u>	<u>3</u>	<u>309</u>				
P 3 <u>10</u>	<u>31</u>	<u>6</u>	<u>568</u>				
P 4 <u>15</u>	<u>31</u>	<u>9</u>	<u>744</u>				
P 5 <u>20</u>	<u>31</u>	<u>12</u>	<u>829</u>				
P 6 <u>25</u>	<u>31</u>	<u>15</u>	<u>883</u>				
P 7 <u>30</u>	<u>31</u>	<u>18</u>	<u>912</u>				
P 8 _____		<u>21</u>	<u>933</u>				
P 9 _____		<u>24</u>	<u>953</u>				
P10 _____		<u>27</u>	<u>972</u>				
P11 _____		<u>30</u>	<u>clock stopped</u>				
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

Tk1# 22478

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Home Office: Wichita, Kansas 67201
 P. O. Box 1599 (316) 838-0601

Company Robinson Oil & Sweetman Drilling Co. Lease & Well No. Lake A-#1
 Elevation 1790 Kelly Bushing Formation Lecompton Effective Pay - Ft. Ticket No. 22479
 Date 2-28-77 Sec. 11 Twp. 32S Range 14W County Barber State Kansas
 Test Approved by Robert F. McCann Western Representative Bill Hager

Formation Test No. 2 O.K. Misrun Interval Tested From 3623' to 3640' Total Depth 3640'
 Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 3618 Ft. Size 6 3/4 Bottom Packer Depth 3623 Ft. Size 6 3/4
 Straddle Conv. B.T. Damaged Yes No Packer Depth Ft. Size
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 17 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3627 Ft. Clock No. 9103 Depth 3630 Ft. Clock No. 8377
 Top Make Kuster Cap. 3000 No. 3474 ^{Inside} ~~Outside~~ Bottom Make Kuster Cap. 4150 No. 969 ^{Inside} ~~Outside~~
 Below Straddle: Depth Rec. No. Clock No. ^{Inside} ~~Outside~~ Depth Ft. Rec. No. Clock No. ^{Inside} ~~Outside~~

Time Set Packer 1:23 P M
 Tool Open I.F.P. From 1:25 P M. to 1:55 P M. - Hr. 30 Min. From (B) 37 P.S.I. To (C) 43 P.S.I.
 Tool Closed I.C.I.P. From 1:55 M. to 2:40 P M. - Hr. 45 Min (D) 475 P.S.I.
 Tool Open F.F.P. From 2:40 P M. to 3:40 P M. 1 Hr. - Min. From (E) 71 P.S.I. To (F) 100 P.S.I.
 Tool Closed F.C.I.P. From 3:40 M. to 4:40 P M. 1 Hr. - Min. (G) 460 P.S.I.
 Initial Hydrostatic Pressure (A) 1741 P.S.I. Final Hydrostatic Pressure (H) 1705 P.S.I. Maximum Temp. 114

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 5 minutes. See attached sheet for gas measurements.

Did Well Flow - Yes No Recovery Total Ft. 390' gas cut muddy water.

Reversed Out - Yes No Mud Type premix Viscosity 40 Weight 9.3 Water Loss cc. Chlorides 33,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?

DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 3085 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe Ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars 248 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 37 Ft.

Remarks: Clock #8377 stopped.

WESTERN TESTING CO., INC.
Pressure Data

Date 2-28-77 Test Ticket No. 22479
 Recorder No. 34/4 Capacity, 3000 Location 3627 Ft.
 Clock No. 9103 Elevation 1790 Kelly Bushing Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1741</u> P.S.I.	Open Tool	<u>1:23</u> P M	
B First Initial Flow Pressure	<u>37</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>43</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>475</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>71</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>100</u> P.S.I.			
G Final Closed-in Pressure	<u>460</u> P.S.I.			
H Final Hydrostatic Mud	<u>1705</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>15</u> Inc.		Breakdown: <u>12</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>37</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>71</u>	<u>0</u>	<u>100</u>
P 2 <u>5</u>	<u>22</u>	<u>3</u>	<u>206</u>	<u>5</u>	<u>63</u>	<u>3</u>	<u>200</u>
P 3 <u>10</u>	<u>22</u>	<u>6</u>	<u>249</u>	<u>10</u>	<u>64</u>	<u>6</u>	<u>229</u>
P 4 <u>15</u>	<u>23</u>	<u>9</u>	<u>280</u>	<u>15</u>	<u>72</u>	<u>9</u>	<u>252</u>
P 5 <u>20</u>	<u>28</u>	<u>12</u>	<u>303</u>	<u>20</u>	<u>77</u>	<u>12</u>	<u>271</u>
P 6 <u>25</u>	<u>37</u>	<u>15</u>	<u>325</u>	<u>25</u>	<u>82</u>	<u>15</u>	<u>289</u>
P 7 <u>30</u>	<u>43</u>	<u>18</u>	<u>345</u>	<u>30</u>	<u>84</u>	<u>18</u>	<u>305</u>
P 8		<u>21</u>	<u>362</u>	<u>35</u>	<u>86</u>	<u>21</u>	<u>320</u>
P 9		<u>24</u>	<u>378</u>	<u>40</u>	<u>89</u>	<u>24</u>	<u>332</u>
P10		<u>27</u>	<u>394</u>	<u>45</u>	<u>92</u>	<u>27</u>	<u>345</u>
P11		<u>30</u>	<u>410</u>	<u>50</u>	<u>95</u>	<u>30</u>	<u>357</u>
P12		<u>33</u>	<u>421</u>	<u>55</u>	<u>97</u>	<u>33</u>	<u>371</u>
P13		<u>36</u>	<u>435</u>	<u>60</u>	<u>100</u>	<u>36</u>	<u>382</u>
P14		<u>39</u>	<u>448</u>			<u>39</u>	<u>394</u>
P15		<u>42</u>	<u>460</u>			<u>42</u>	<u>406</u>
P16		<u>45</u>	<u>475</u>			<u>45</u>	<u>412</u>
P17						<u>48</u>	<u>423</u>
P18						<u>51</u>	<u>432</u>
P19						<u>54</u>	<u>442</u>
P20						<u>57</u>	<u>449</u>
						<u>60</u>	<u>460</u>



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GAS FLOW REPORT

Date 2-28-77 Ticket 22479 Company Robinson Oil & Sweetman Drilling Co.
 Well Name and No. Lake A-#1 Dst No. 2 Interval Tested 3623' - 3640'
 County Barber State Kansas Sec. 11 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
Tool opened at 1:25 PM Gas to surface 5 min. PRE FLOW						
1:35 PM	10 min.	12 inches	of water	3/4"choke		49,300 C.F.P.D.
1:40 PM	15 min.	6 inches	of water	3/4"choke		34,700 C.F.P.D.
1:45 PM	20 min.	4 inches	of water	3/4"choke		28,300 C.F.P.D.
1:50 PM	25 min.	56 inches	of water	1/4" choke		12,600 C.F.P.D.
1:55 PM	30 min.	66 inches	of water	1/4" choke		13,600 C.F.P.D.

Tool opened at 2:45 PM SECOND FLOW						
2:55 PM	10 min.	6 inches	of water	1/2" choke		15,400 C.F.P.D.
3:05 PM	20 min.	26 inches	of water	1/4" choke		8,560 C.F.P.D.
3:15 PM	30 min.	26 inches	of water	1/4" choke		8,560 C.F.P.D.
3:25 PM	40 min.	30 inches	of water	1/4" choke		9,200 C.F.P.D.
3:35 PM	50 min.	30 inches	of water	1/4" choke		9,200 C.F.P.D.
3:45 PM	60 min.	28 inches	of water	1/4" choke		8,890 C.F.P.D.

GAS BOTTLE

Serial No. _____ Date Bottle Filled 2-28-77 Date to be Invoiced 2-28-77

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.

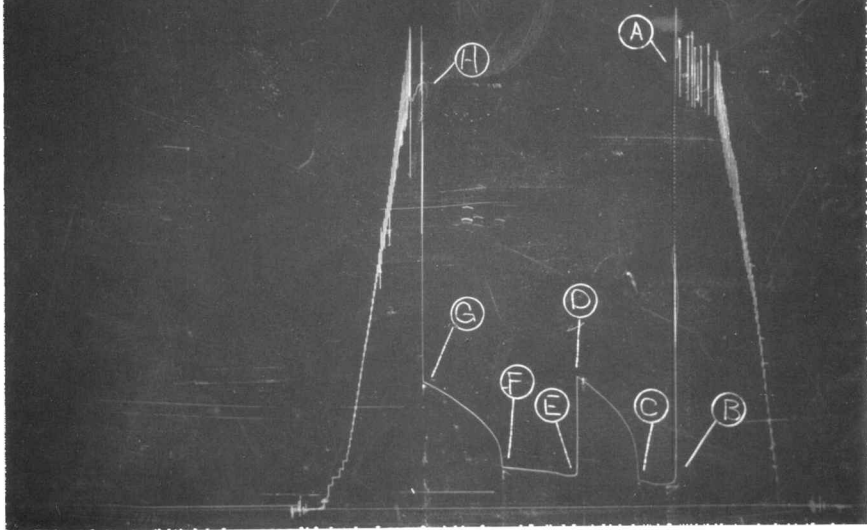
All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Robinson Oil & Sweetman Drlg. Co.

Authorized by Robert E. McCann

IK# 22479

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Home Office: Wichita, Kansas 67201
 P. O. Box 1599 (316) 838-0601

Company Robinson Oil & Sweetman Drlg. Co. Lease & Well No. Lake A- #1
 Elevation 1790 Kelly Bushing Formation - Effective Pay - Ft. Ticket No. 22480
 Date 3-1-77 Sec. 11 Twp. 32S Range 14W County Barber State Kansas
 Test Approved by Robert E. McCann Western Representative Bill Hager

Formation Test No. 3 O.K. Misrun Interval Tested From 3949' to 3962' Total Depth 3962'
 Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 3944 Ft. Size 6 3/4 Bottom Packer Depth 3949 Ft. Size 6 3/4
 Straddle Conv. B.T. Damaged Yes No Packer Depth Ft. Size
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 13 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3952 Ft. Clock No. 9103 Depth 3955 Ft. Clock No. 5665
 Top Make Kuster Cap. 3000 No. 3474 ^{Inside} ~~Outside~~ Bottom Make Kuster Cap. 4150 No. 969 ^{Inside} ~~Outside~~
 Below Straddle: Depth Rec. No. Clock No. ^{Inside} ~~Outside~~ Depth Ft. Rec. No. Clock No. ^{Inside} ~~Outside~~

Time Set Packer 6:52 P M
 Tool Open I.F.P. From 6:55 P M. to 7:25 P M. - Hr. 30 Min. From (B) 72 P.S.I. To (C) 44 P.S.I.
 Tool Closed I.C.I.P. From 7:25 P M. to 8:10 P M. - Hr. 45 Min (D) 1336 P.S.I.
 Tool Open F.F.P. From 8:10 P M. to 9:10 P M. 1 Hr. - Min. From (E) 51 P.S.I. To (F) 45 P.S.I.
 Tool Closed F.C.I.P. From 9:10 P M. to 10:10 P M. 1 Hr. - Min. (G) 1325 P.S.I.
 Initial Hydrostatic Pressure (A) 1914 P.S.I. Final Hydrostatic Pressure (H) 1914 P.S.I. Maximum Temp. 118

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 22 minutes. See attached sheet for gas measurements.

Did Well Flow - Yes No Recovery Total Ft. 140' total recovery. 50' gas cut mud, 30' gas cut thin mud, 60' gas cut muddy water.

Reversed Out - Yes No Mud Type premix Viscosity 41 Weight 9.2 Water Loss 42.0 cc. Chlorides 23,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?

DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 3776 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.
 Length Weight Pipe Ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars 153 Ft. I.D. Drill Collars 2 1/4 In.
 Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 33 Ft.

Remarks: Slid tool 9' to bottom.
Plugging action in anchor in outside recorder.

WESTERN TESTING CO., INC.
Pressure Data

Date 3-1-77 Test Ticket No. 22480
 Recorder No. 3474 Capacity 3000 Location 3952 Ft.
 Clock No. 9103 Elevation 1790 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1914	P.S.I.	6:52 P.M.	
B First Initial Flow Pressure	72	P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	44	P.S.I.	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1336	P.S.I.	60 Mins.	55 Mins.
E Second Initial Flow Pressure	51	P.S.I.	60 Mins.	63 Mins.
F Second Final Flow Pressure	45	P.S.I.		
G Final Closed-in Pressure	1325	P.S.I.		
H Final Hydrostatic Mud	1914	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	5 mins.	and a	final inc. of	0 Min.			
	of	3 mins.	and a	final inc. of	0 Min.			
	of	5 mins.	and a	final inc. of	0 Min.			
	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	72	0	44	0	51	0	45	
P 2 5	45	3	1020	5	44	3	932	
P 3 10	43	6	1198	10	44	6	1091	
P 4 15	43	9	1246	15	44	9	1157	
P 5 20	43	12	1272	20	44	12	1200	
P 6 25	43	15	1289	25	44	15	1228	
P 7 30	44	18	1302	30	44	18	1251	
P 8		21	1312	35	44	21	1264	
P 9		24	1318	40	44	24	1276	
P10		27	1323	45	45	27	1284	
P11		30	1326	50	45	30	1291	
P12		33	1329	55	45	33	1298	
P13		36	1331			36	1302	
P14		39	1333			39	1307	
P15		42	1335			42	1310	
P16		45	1336			45	1313	
P17						48	1316	
P18						51	1318	
P19						54	1321	
P20						57	1322	
						60	1324	
						63	1325	



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GAS FLOW REPORT

Date 3-1-77 Ticket 22480 Company Robinson Oil & Sweetman Drlg. Co.
 Well Name and No. Lake A- #1 Dst No. 3 Interval Tested 3949' - 3962'
 County Barber State Kansas Sec. 11 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
Tool opened at 6:55 PM Gas to surface in PRE FLOW 22 min.						
7:20 PM	25 min.	40 inches	of water	1/2" choke		39,600 C.F.P.D.
7:25 PM	30 min.	74 inches	of water	1/2" choke		53,900 C.F.P.D.

Tool opened 8:10 PM SECOND FLOW						
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
8:20 PM	10 min.	60 inches	of water	3/4" choke		110,000 C.F.P.D.
8:30 PM	20 min.	58 inches	of water	3/4" choke		108,000 C.F.P.D.
8:40 PM	30 min.	70 inches	of water	3/4" choke		119,000 C.F.P.D.
8:50 PM	40 min.	76 inches	of water	3/4" choke		123,000 C.F.P.D.
9:00 PM	50 min.	84 inches	of water	3/4" choke		130,000 C.F.P.D.
9:10 PM	60 min.	92 inches	of water	3/4" choke		136,000 C.F.P.D.

GAS BOTTLE

Serial No. 629 Date Bottle Filled 3-1-77 Date to be Invoiced 3-1-77

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.

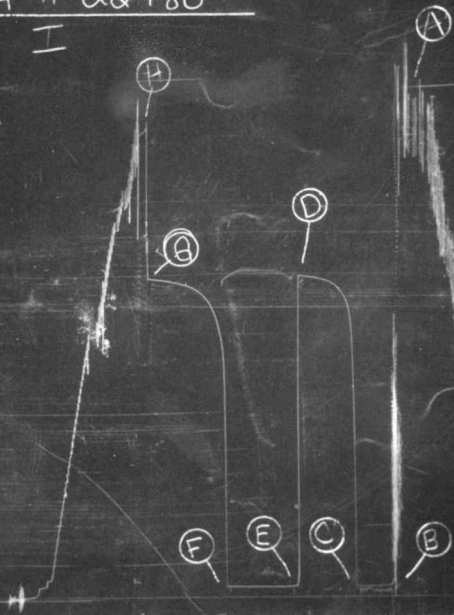
All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Robinson Oil & Sweetman Drlg. Co.

Authorized by Robert E. McCann

Ticket # 22480

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Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Robinson Oil & Sweetman Drlg. Co. Lease & Well No. Lake A-#1

Elevation 1790 Kelly Bushing Formation - Effective Pay - Ft. Ticket No. 22481

Date 3-2-77 Sec. 11 Twp. 32S Range 14W County Barber State Kansas

Test Approved by Robert E. McCann Western Representative Bill Hager

Formation Test No. 4 O.K. Misrun - Interval Tested From 3950' to 3970' Total Depth 3970'

Size Main Hole 77/8 Rat Hole - Conv. B.T. - Damaged - Yes No Conv. B.T. - Damaged - Yes No

Top Packer Depth 3945 Ft. Size 6 3/4 Bottom Packer Depth 3950 Ft. Size 6 3/4

Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 20 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3965 Ft. Clock No. 9103 Depth 3968 Ft. Clock No. 5665

Top Make Kuster Cap. 3000 No. 3474 ~~Outside~~ ^{Inside} Bottom Make Kuster Cap. 4150 No. 969 ~~Inside~~ ^{Outside}

Below Straddle: Depth - Rec. No. - Clock No. - ~~Outside~~ ^{Inside} Depth - Ft. Rec. No. - Clock No. - ~~Inside~~ ^{Outside}

Time Set Packer 11:38 A M

Tool Open I.F.P. From 11:40 AM. to 12:10 PM. - Hr. 30 Min. From (B) 63 P.S.I. To (C) 108 P.S.I.

Tool Closed I.C.I.P. From 12:10 M. to 12:55 PM. - Hr. 45 Min (D) 1307 P.S.I.

Tool Open F.F.P. From 12:55 PM. to 1:55 PM. 1 Hr. - Min. From (E) 105 P.S.I. To (F) 183 P.S.I.

Tool Closed F.C.I.P. From 1:55 M. to 2:55 PM. 1 Hr. - Min. (G) 1325 P.S.I.

Initial Hydrostatic Pressure (A) 1881 P.S.I. Final Hydrostatic Pressure (H) 1872 P.S.I. Maximum Temp. 120

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 5 minutes in final flow period.

See attached sheet for gas measurements.

Did Well Flow - Yes No Recovery Total Fr. 500' total recovery. 20' gas cut mud, 480' gas cut

muddy salt wtr.

Reversed Out - Yes No Mud Type premix Viscosity 45 Weight 9.2 Water Loss 36.0 cc. Chlorides 23,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 3651 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 279 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 40 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 3-2-77

Test Ticket No. 22481

Recorder No. 3474 Capacity 3000 Location 3965 Ft.

Clock No. 9103 Elevation 1790 Kelly Bushing Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1881</u> P.S.I.	Open Tool	<u>11:38 A</u> M	
B First Initial Flow Pressure	<u>63</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>108</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1307</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>105</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>183</u> P.S.I.			
G Final Closed-in Pressure	<u>1325</u> P.S.I.			
H Final Hydrostatic Mud	<u>1872</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 <u>0</u>	<u>63</u>	<u>0</u>	<u>108</u>	<u>0</u>	<u>105</u>	<u>0</u>	<u>183</u>
P 2 <u>5</u>	<u>63</u>	<u>3</u>	<u>641</u>	<u>5</u>	<u>124</u>	<u>3</u>	<u>864</u>
P 3 <u>10</u>	<u>64</u>	<u>6</u>	<u>898</u>	<u>10</u>	<u>125</u>	<u>6</u>	<u>1046</u>
P 4 <u>15</u>	<u>80</u>	<u>9</u>	<u>1033</u>	<u>15</u>	<u>129</u>	<u>9</u>	<u>1117</u>
P 5 <u>20</u>	<u>92</u>	<u>12</u>	<u>1108</u>	<u>20</u>	<u>134</u>	<u>12</u>	<u>1164</u>
P 6 <u>25</u>	<u>103</u>	<u>15</u>	<u>1161</u>	<u>25</u>	<u>142</u>	<u>15</u>	<u>1198</u>
P 7 <u>30</u>	<u>108</u>	<u>18</u>	<u>1196</u>	<u>30</u>	<u>147</u>	<u>18</u>	<u>1223</u>
P 8		<u>21</u>	<u>1220</u>	<u>35</u>	<u>151</u>	<u>21</u>	<u>1243</u>
P 9		<u>24</u>	<u>1239</u>	<u>40</u>	<u>158</u>	<u>24</u>	<u>1260</u>
P10		<u>27</u>	<u>1255</u>	<u>45</u>	<u>168</u>	<u>27</u>	<u>1272</u>
P11		<u>30</u>	<u>1268</u>	<u>50</u>	<u>174</u>	<u>30</u>	<u>1281</u>
P12		<u>33</u>	<u>1279</u>	<u>55</u>	<u>182</u>	<u>33</u>	<u>1289</u>
P13		<u>36</u>	<u>1289</u>	<u>60</u>	<u>183</u>	<u>36</u>	<u>1296</u>
P14		<u>39</u>	<u>1295</u>			<u>39</u>	<u>1304</u>
P15		<u>42</u>	<u>1301</u>			<u>42</u>	<u>1309</u>
P16		<u>45</u>	<u>1307</u>			<u>45</u>	<u>1312</u>
P17						<u>48</u>	<u>1316</u>
P18						<u>51</u>	<u>1319</u>
P19						<u>54</u>	<u>1322</u>
P20						<u>57</u>	<u>1324</u>
						<u>60</u>	<u>1325</u>



Home Office: Wichita, Kansas 67201
 P. O. Box 1599 (316) 838-0601

GAS FLOW REPORT

Date 3-2-77 Ticket 22481 Company Robinson Oil & Sweetman Drlg. Co.
 Well Name and No. Lake A-#1 Dst No. 4 Interval Tested 3950' - 3970'
 County Barber State Kansas Sec. 11 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
PRE FLOW						

Tool opened 12:55 PM Gas to surface 5 min. **SECOND FLOW**

1:05 PM	10 min.	20 inches	of water	¼" choke	7,510	C.F.P.D.
1:15 PM	20 min.	64 inches	of water	¼" choke	13,400	C.F.P.D.
1:25 PM	30 min.	100 inches	of water	¼" choke	16,800	C.F.P.D.
1:35 PM	40 min.	20 inches	of water	½" choke	28,000	C.F.P.D.
1:45 PM	50 min.	24 inches	of water	½" choke	30,700	C.F.P.D.
1:55 PM	60 min.	30 inches	of water	½" choke	34,300	C.F.P.D.

GAS BOTTLE

Serial No. _____ Date Bottle Filled 3-2-77 Date to be Invoiced 3-2-77

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 Robinson Oil & Sweetman Drlg.
 Authorized by Robert E. McCann

Ticket # 22481

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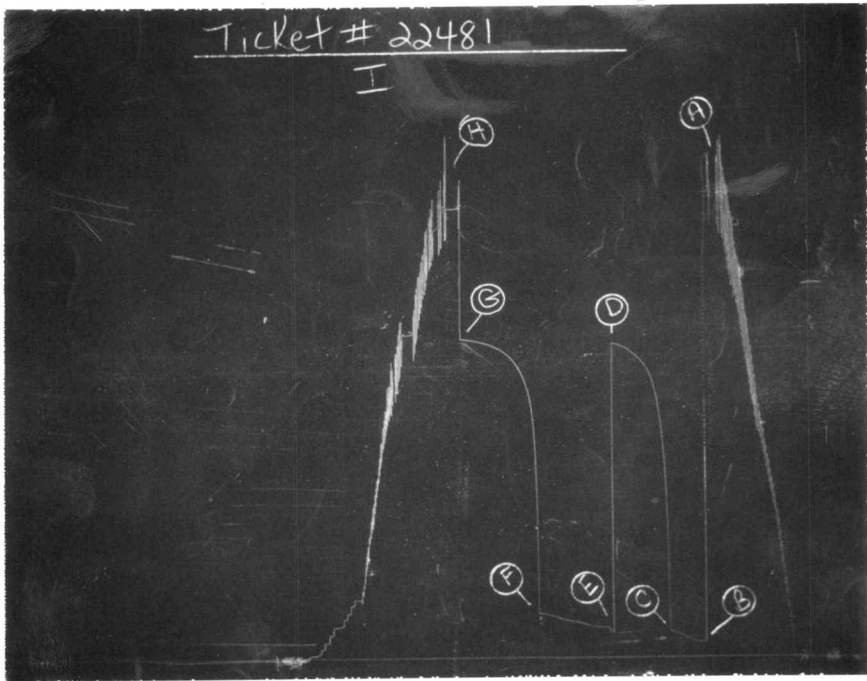
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Company Robinson Oil & Sweetman Drlg. Co. Lease & Well No. Lake A-#1
 Elevation 1790 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 22482
 Date 3-3-77 Sec. 11 Twp. 32S Range 14W County Barber State Kansas
 Test Approved by Robert E. McCann Western Representative Bill Hager
 Formation Test No. 5 O.K. Misrun Interval Tested From 3994' to 4025' Total Depth 4025'
 Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 3989 Ft. Size 6 3/4 Bottom Packer Depth 3994 Ft. Size 6 3/4
 Straddle Conv. B.T. Damaged Yes No Packer Depth Ft. Size
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 31 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
 RECORDERS Depth 4010 Ft. Clock No. 9103 Depth 4013 Ft. Clock No. 5665
 Top Make Kuster Cap. 3000 No. 3474 Inside Outside Bottom Make Kuster Cap. 4150 No. 969 Inside Outside
 Below Straddle: Depth Rec. No. Clock No. Inside Outside Depth Ft. Rec. No. Clock No. Inside Outside
 Time Set Packer 4:20 A.M.
 Tool Open I.F.P. From 4:22 A.M. to 4:52A M. - Hr. 30 Min. From (B) 67 P.S.I. To (C) 54 P.S.I.
 Tool Closed I.C.I.P. From 4:52 M. to 5:37A M. - Hr. 45 Min (D) 897 P.S.I.
 Tool Open F.F.P. From 5:37A M. to 6:37A M. 1 Hr. - Min. From (E) 78 P.S.I. To (F) 72 P.S.I.
 Tool Closed F.C.I.P. From 6:37 M. to 7:37A M. 1 Hr. - Min. (G) 735 P.S.I.
 Initial Hydrostatic Pressure (A) 1904 P.S.I. Final Hydrostatic Pressure (H) 1904 P.S.I. Maximum Temp. 115

INFORMATION

BLOW Strong blow throughout test.
 Did Well Flow - Yes No Recovery Total Ft. 130' total recovery. 10' gas cut mud with oil spots,
60' oil cut mud, 60' heavy oil and gas cut mud, 180' gas in pipe.
 Reversed Out - Yes No Mud Type premix Viscosity 58 Weight 9.2 Water Loss 38.0 cc. Chlorides 26,000 P.P.M.
 EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size In. Make Ser. No.
 Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?
 DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe 3821 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.
 Length Weight Pipe Ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars 153 Ft. I.D. Drill Collars 2 1/4 In.
 Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 51 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 3-3-77

Test Ticket No. 22482

Recorder No. 3474 Capacity 3000 Location 4010 Ft.

Clock No. 9103 Elevation 1790 Kelly Bushing Well Temperature 115 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1904</u> P.S.I.	Open Tool	<u>4:20</u> A M	
B First Initial Flow Pressure	<u>67</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>54</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>897</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>55</u> Mins.
E Second Initial Flow Pressure	<u>78</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>72</u> P.S.I.			
G Final Closed-in Pressure	<u>735</u> P.S.I.			
H Final Hydrostatic Mud	<u>1904</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>15</u> Inc.		Breakdown: <u>11</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>67</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>78</u>	<u>0</u>	<u>72</u>
P 2 <u>5</u>	<u>52</u>	<u>3</u>	<u>88</u>	<u>5</u>	<u>66</u>	<u>3</u>	<u>94</u>
P 3 <u>10</u>	<u>52</u>	<u>6</u>	<u>136</u>	<u>10</u>	<u>66</u>	<u>6</u>	<u>122</u>
P 4 <u>15</u>	<u>53</u>	<u>9</u>	<u>190</u>	<u>15</u>	<u>66</u>	<u>9</u>	<u>150</u>
P 5 <u>20</u>	<u>53</u>	<u>12</u>	<u>262</u>	<u>20</u>	<u>67</u>	<u>12</u>	<u>180</u>
P 6 <u>25</u>	<u>54</u>	<u>15</u>	<u>331</u>	<u>25</u>	<u>67</u>	<u>15</u>	<u>212</u>
P 7 <u>30</u>	<u>54</u>	<u>18</u>	<u>391</u>	<u>30</u>	<u>68</u>	<u>18</u>	<u>249</u>
P 8		<u>21</u>	<u>452</u>	<u>35</u>	<u>68</u>	<u>21</u>	<u>286</u>
P 9		<u>24</u>	<u>514</u>	<u>40</u>	<u>69</u>	<u>24</u>	<u>319</u>
P10		<u>27</u>	<u>576</u>	<u>45</u>	<u>69</u>	<u>27</u>	<u>352</u>
P11		<u>30</u>	<u>632</u>	<u>50</u>	<u>70</u>	<u>30</u>	<u>389</u>
P12		<u>33</u>	<u>686</u>	<u>55</u>	<u>72</u>	<u>33</u>	<u>428</u>
P13		<u>36</u>	<u>747</u>			<u>36</u>	<u>463</u>
P14		<u>39</u>	<u>800</u>			<u>39</u>	<u>498</u>
P15		<u>42</u>	<u>850</u>			<u>42</u>	<u>532</u>
P16		<u>45</u>	<u>897</u>			<u>45</u>	<u>565</u>
P17						<u>48</u>	<u>600</u>
P18						<u>51</u>	<u>633</u>
P19						<u>54</u>	<u>664</u>
P20						<u>57</u>	<u>694</u>
						<u>60</u>	<u>735</u>

Ticket # 22482

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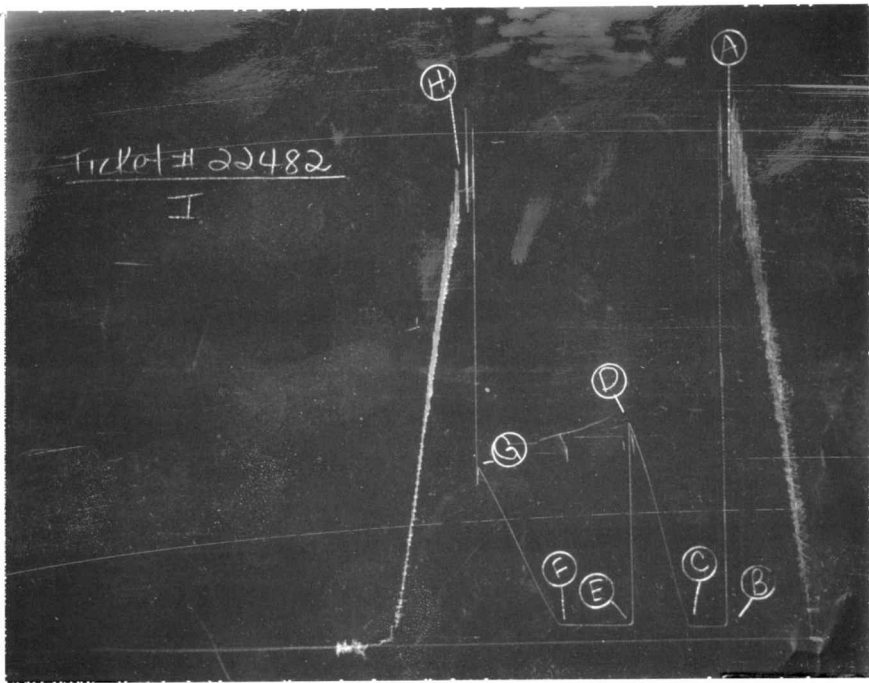
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Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Robinson Oil & Sweetman Drlg. Co. Lease & Well No. Lake A- #1
Elevation 1790 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 22483
Date 3-4-77 Sec. 11 Twp. 32S Range 14W County Barber State Kansas
Test Approved by Robert E. McCann Western Representative Bill Hager

Formation Test No. 6 O.K. Misrun Interval Tested From 4196' to 4213' Total Depth 4213'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 4191 Ft. Size 6 3/4 Bottom Packer Depth 4196 Ft. Size 6 3/4
Straddle Conv. B.T. Damaged Yes No Packer Depth Ft. Size

Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 17 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4203 Ft. Clock No. 9103 Depth 4206 Ft. Clock No. 5665
Top Make Kuster Cap. 3000 No. 3474 ^{Inside} ~~Outside~~ Bottom Make Kuster Cap. 4150 No. 969 ^{Inside} ~~Outside~~
Below Straddle: Depth Rec. No. Clock No. ^{Inside} ~~Outside~~ Depth Ft. Rec. No. Clock No. ^{Inside} ~~Outside~~

Time Set Packer 3:13 A M
Tool Open I.F.P. From 3:15 A M. to 3:45 A M. - Hr. 30 Min. From (B) 175 P.S.I. To (C) 238 P.S.I.
Tool Closed I.C.I.P. From 3:45 M. to 4:30 A M. - Hr. 45 Min (D) 1457 P.S.I.
Tool Open F.F.P. From 4:30 A M. to 5:30 A M. 1 Hr. - Min. From (E) 311 P.S.I. To (F) 539 P.S.I.
Tool Closed F.C.I.P. From 5:30 A M. to 6:30 A M. 1 Hr. - Min. (G) 702 P.S.I.
Initial Hydrostatic Pressure (A) 2049 P.S.I. Final Hydrostatic Pressure (H) 2049 P.S.I. Maximum Temp. 125

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 6 minutes. See attached sheet for gas measurements.

Did Well Flow - Yes No Recovery Total Ft. 1615' saltwater.

Reversed Out Yes No Mud Type premix Viscosity 44 Weight 9.4 Water Loss 38.0 cc. Chlorides 26,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? NO Where?

DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 4021 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe Ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars 155 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 37 Ft.

Remarks: Plugging action on initial flow period. Didn't record final shut in period.

Tool full of sand, shale, lime, wouldn't turn on final shut in period.

WESTERN TESTING CO., INC.

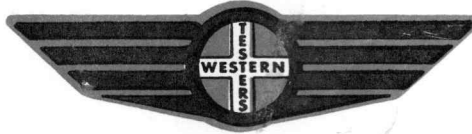
Pressure Data

Date 3-4-77 Test Ticket No. 22483
 Recorder No. 3474 Capacity 3000 Location 4203 Ft.
 Clock No. 9103 Elevation 1790 Kelly Bushing Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2049 P.S.I.	Open Tool	3:13 A.M.	
B First Initial Flow Pressure	175 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	238 P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D Initial Closed-in Pressure	1457 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	311 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	539 P.S.I.			
G Final Closed-in Pressure	702 P.S.I.			
H Final Hydrostatic Mud	2049 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>12</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 0	175	0	238	0	311	0	539
P 2 5	148	3	1065	5	311	3	548
P 3 10	152	6	1190	10	338	6	559
P 4 15	172	9	1260	15	365	9	569
P 5 20	229	12	1304	20	388	12	577
P 6 25	229	15	1334	25	409	15	585
P 7 30	238	18	1362	30	438	18	595
P 8		21	1380	35	455	21	602
P 9		24	1397	40	469	24	611
P10		27	1410	45	490	27	620
P11		30	1424	50	508	30	629
P12		33	1434	55	524	33	638
P13		36	1444	60	539	36	645
P14		39	1450			39	653
P15		42	1457			42	661
P16						45	668
P17						48	676
P18						51	683
P19						54	690
P20						57	699
						60	702



Home Office: Wichita, Kansas 67201
 P. O. Box 1599 (316) 838-0601

GAS FLOW REPORT

Date 3-4-77 Ticket 22483 Company Robinson Oil & Sweetman Drlg. Co.
 Well Name and No. Lake A-#1 Dst No. 6 Interval Tested 4196' - 4213'
 County Barber State Kansas Sec. 11 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

Gas to surface in 6 minutes.

3:25 AM	10 min.	40 inches	of water	1/4" choke		10,600 C.F.P.D.
3:30 AM	15 min.	60 inches	of water	1/4" choke		13,000 C.F.P.D.
3:35 AM	20 min.	56 inches	of water	1/4" choke		12,600 C.F.P.D.
3:40 AM	25 min.	46 inches	of water	1/4" choke		11,400 C.F.P.D.
3:45 AM	30 min.	36 inches	of water	1/4" choke		10,100 C.F.P.D.

SECOND FLOW

Tool opened at 4:30 AM

4:40 AM	10 min.	10 inches	of water	1/4" choke		5,320 C.F.P.D.
4:50 AM	20 min.	28 inches	of water	1/4" choke		8,890 C.F.P.D.
5:00 AM	30 min.	28 inches	of water	1/4" choke		8,890 C.F.P.D.
5:10 AM	40 min.	32 inches	of water	1/4" choke		9,500 C.F.P.D.
5:20 AM	50 min.	32 inches	of water	1/4" choke		9,500 C.F.P.D.
5:30 AM	60 min.	32 inches	of water	1/4" choke		9,500 C.F.P.D.

GAS BOTTLE

Serial No. _____ Date Bottle Filled 3-4-77 Date to be Invoiced 3-4-77

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 Robinson Oil & Sweetman Drlg. Co.

Authorized by Robert F. McCann

TKT # 22483

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Home Office: Wichita, Kansas 67201
 P. O. Box 1599 (316) 838-0601

Company Robinson Oil & Sweetman Drlg. Co. Lease & Well No. Lake #1
 Elevation 1790 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 22345
 Date 3-6-77 Sec. 11 Twp. 32S Range 14W County Barber State Kansas
 Test Approved by Robert E. McCann Western Representative Carl Schouten

Formation Test No. 7 O.K. Misrun Interval Tested From 4470' to 4495' Total Depth 4495'
 Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 4465 Ft. Size 6 3/4 Bottom Packer Depth 4470 Ft. Size 6 3/4
 Straddle Conv. B.T. Damaged Yes No Packer Depth Ft. Size
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 25 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4481 Ft. Clock No. 6799 Depth 4484 Ft. Clock No. 6894
 Top Make Kuster Cap. 4000 No. 3351 Inside Outside Bottom Make Kuster Cap. 4150 No. 2606 Inside Outside
 Below Straddle: Depth Rec. No. Clock No. Inside Outside Depth Ft. Rec. No. Clock No. Inside Outside

Time Set Packer 5:15 P M
 Tool Open I.F.P. From 5:16 P.M. to 5:46 P.M. Hr. 30 Min. From (B) 60 P.S.I. To (C) 36 P.S.I.
 Tool Closed I.C.I.P. From 5:46 P.M. to 6:31 P.M. Hr. 45 Min (D) 46 P.S.I.
 Tool Open F.F.P. From 6:31 P.M. to 7:01 P.M. Hr. 30 Min. From (E) 46 P.S.I. To (F) 38 P.S.I.
 Tool Closed F.C.I.P. From 7:01 P.M. to 7:46 P.M. Hr. 45 Min. (G) 158 P.S.I.
 Initial Hydrostatic Pressure (A) 2277 P.S.I. Final Hydrostatic Pressure (H) 2271 P.S.I. Maximum Temp. Broke

INFORMATION

BLOW Weak blow increasing to fair blow on initial flow period. Weak blow throughout final flow period.

Did Well Flow Yes No Recovery Total Ft. 10' drilling mud.

Reversed Out Yes No Mud Type starch Viscosity 58 Weight 9.5 Water Loss 20.8 cc. Chlorides 28,500 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?

DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 3861 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe Ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars 222 Ft. I.D. Drill Collars 3 In.

Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 44 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 3-6-77 Test Ticket No. 22345
 Recorder No. 3351 Capacity 4000 Location 4481 Ft.
 Clock No. 6799 Elevation 1790 Kelly Bushing Well Temperature - °F

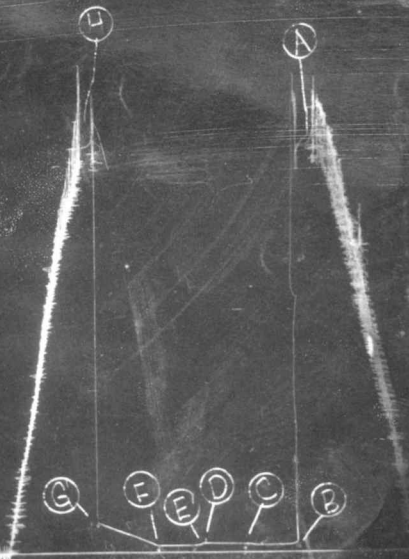
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2277</u> P.S.I.	Open Tool	<u>5:15</u> P.M.	
B First Initial Flow Pressure	<u>60</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>36</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>46</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>46</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>38</u> P.S.I.			
G Final Closed-in Pressure	<u>158</u> P.S.I.			
H Final Hydrostatic Mud	<u>2271</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>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>15</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>60</u>	<u>0</u>	<u>36</u>	<u>0</u>	<u>46</u>	<u>0</u>	<u>38</u>
P 2 <u>5</u>	<u>40</u>	<u>3</u>	<u>42</u>	<u>5</u>	<u>36</u>	<u>3</u>	<u>44</u>
P 3 <u>10</u>	<u>38</u>	<u>6</u>	<u>42</u>	<u>10</u>	<u>36</u>	<u>6</u>	<u>52</u>
P 4 <u>15</u>	<u>38</u>	<u>9</u>	<u>42</u>	<u>15</u>	<u>37</u>	<u>9</u>	<u>60</u>
P 5 <u>20</u>	<u>37</u>	<u>12</u>	<u>43</u>	<u>20</u>	<u>37</u>	<u>12</u>	<u>70</u>
P 6 <u>25</u>	<u>36</u>	<u>15</u>	<u>43</u>	<u>25</u>	<u>38</u>	<u>15</u>	<u>78</u>
P 7 <u>30</u>	<u>36</u>	<u>18</u>	<u>43</u>	<u>30</u>	<u>38</u>	<u>18</u>	<u>86</u>
P 8		<u>21</u>	<u>43</u>			<u>21</u>	<u>94</u>
P 9		<u>24</u>	<u>44</u>			<u>24</u>	<u>100</u>
P 10		<u>27</u>	<u>44</u>			<u>27</u>	<u>108</u>
P 11		<u>30</u>	<u>44</u>			<u>30</u>	<u>116</u>
P 12		<u>33</u>	<u>45</u>			<u>33</u>	<u>125</u>
P 13		<u>36</u>	<u>45</u>			<u>36</u>	<u>132</u>
P 14		<u>39</u>	<u>45</u>			<u>39</u>	<u>141</u>
P 15		<u>42</u>	<u>46</u>			<u>42</u>	<u>151</u>
P 16		<u>45</u>	<u>46</u>			<u>45</u>	<u>158</u>
P 17							
P 18							
P 19							
P 20							

TKH-22345

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Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Robinson Oil & Sweetman Drlg. Co. Lease & Well No. Lake A-#1
Elevation 1790 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 22472
Date 3-9-77 Sec. 11 Twp. 32S Range 14W County Barber State Kansas
Test Approved by Robert E. McCann Western Representative Lonnie J. Cline

Formation Test No. 8 O.K. Misrun Interval Tested From 4845' to 4900' Total Depth 4900'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 4840 Ft. Size 6 3/4 Bottom Packer Depth 4845 Ft. Size 6 3/4
Straddle Conv. B.T. Damaged Yes No Packer Depth Ft. Size

Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 55 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4863 Ft. Clock No. 4763 Depth 4866 Ft. Clock No. 6866
Top Make Kuster Cap. 4150 No. 2604 ~~Outside~~ ^{Inside} Bottom Make Kuster Cap. 4000 No. 3660 ~~Outside~~ ^{Inside}
Below Straddle: Depth Rec. No. Clock No. ~~Outside~~ ^{Inside} Depth Ft. Rec. No. Clock No. ~~Outside~~ ^{Inside}

Time Set Packer 4:03 A M
Tool Open I.F.P. From 4:05 A M. to 4:35 A M. Hr. 30 Min. From (B) 145 P.S.I. To (C) 632 P.S.I.
Tool Closed I.C.I.P. From 4:35 M. to 5:20 A M. Hr. 45 Min (D) 1225 P.S.I.
Tool Open F.F.P. From 5:20 A M. to 6:20 A M. 1 Hr. Min. From (E) 659 P.S.I. To (F) 1127 P.S.I.
Tool Closed F.C.I.P. From 6:20 M. to 7:20 A M. 1 Hr. Min. (G) 1224 P.S.I.
Initial Hydrostatic Pressure (A) 2374 P.S.I. Final Hydrostatic Pressure (H) 2177 P.S.I. Maximum Temp. 130

INFORMATION

BLOW Strong blow throughout test.

Did Well Flow Yes No Recovery Total Ft. 2,294' gas cut muddy water, 620' gas in pipe.

Reversed Out Yes No Mud Type starch Viscosity 44 Weight 9.0 Water Loss 18.8 cc. Chlorides 21,500 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?

DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 4542 Ft. I.D. Drill Pipe 3.9 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe Ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars 281 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 77 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 3-9-77 Test Ticket No. 22472
 Recorder No. 2604 Capacity 4150 Location 4863 Ft.
 Clock No. 6866 Elevation 1790 Kelly Bushing Well Temperature 130 °F

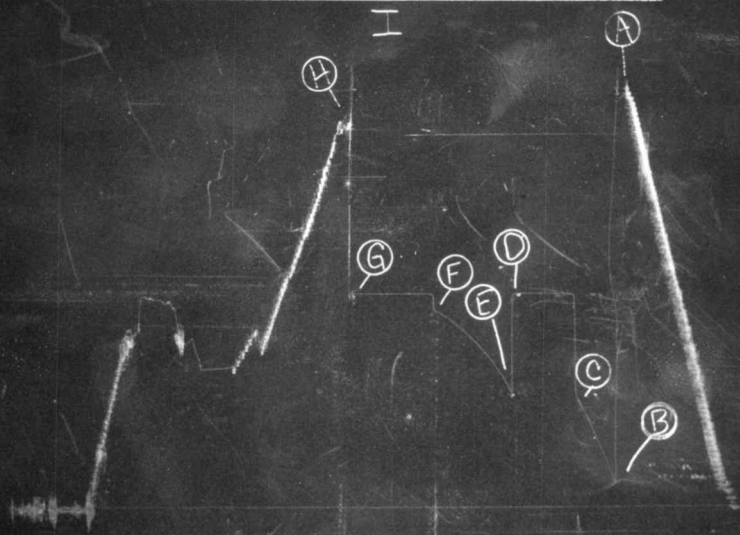
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2374</u>	P.S.I.	<u>4:03</u>	<u>A M</u>
B First Initial Flow Pressure	<u>145</u>	P.S.I.	<u>30</u>	<u>Mins. 30</u> Mins.
C First Final Flow Pressure	<u>632</u>	P.S.I.	<u>45</u>	<u>Mins. 48</u> Mins.
D Initial Closed-in Pressure	<u>1225</u>	P.S.I.	<u>60</u>	<u>Mins. 60</u> Mins.
E Second Initial Flow Pressure	<u>659</u>	P.S.I.	<u>60</u>	<u>Mins. 60</u> Mins.
F Second Final Flow Pressure	<u>1127</u>	P.S.I.		
G Final Closed-in Pressure	<u>1224</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2177</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>12</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>145</u>	<u>0</u>	<u>632</u>	<u>0</u>	<u>659</u>	<u>0</u>	<u>1127</u>
P 2 <u>5</u>	<u>226</u>	<u>3</u>	<u>1222</u>	<u>5</u>	<u>722</u>	<u>3</u>	<u>1222</u>
P 3 <u>10</u>	<u>325</u>	<u>6</u>	<u>1224</u>	<u>10</u>	<u>778</u>	<u>6</u>	<u>1222</u>
P 4 <u>15</u>	<u>414</u>	<u>9</u>	<u>1224</u>	<u>15</u>	<u>832</u>	<u>9</u>	<u>1222</u>
P 5 <u>20</u>	<u>506</u>	<u>12</u>	<u>1224</u>	<u>20</u>	<u>876</u>	<u>12</u>	<u>1222</u>
P 6 <u>25</u>	<u>575</u>	<u>15</u>	<u>1224</u>	<u>25</u>	<u>918</u>	<u>15</u>	<u>1223</u>
P 7 <u>30</u>	<u>632</u>	<u>18</u>	<u>1224</u>	<u>30</u>	<u>968</u>	<u>18</u>	<u>1223</u>
P 8		<u>21</u>	<u>1224</u>	<u>35</u>	<u>994</u>	<u>21</u>	<u>1223</u>
P 9		<u>24</u>	<u>1224</u>	<u>40</u>	<u>1026</u>	<u>24</u>	<u>1224</u>
P10		<u>27</u>	<u>1225</u>	<u>45</u>	<u>1054</u>	<u>27</u>	<u>1224</u>
P11		<u>30</u>	<u>1225</u>	<u>50</u>	<u>1082</u>	<u>30</u>	<u>1224</u>
P12		<u>33</u>	<u>1225</u>	<u>55</u>	<u>1105</u>	<u>33</u>	<u>1224</u>
P13		<u>36</u>	<u>1225</u>	<u>60</u>	<u>1127</u>	<u>36</u>	<u>1224</u>
P14		<u>39</u>	<u>1225</u>			<u>39</u>	<u>1224</u>
P15		<u>42</u>	<u>1225</u>			<u>42</u>	<u>1224</u>
P16		<u>45</u>	<u>1225</u>			<u>45</u>	<u>1224</u>
P17		<u>48</u>	<u>1225</u>			<u>48</u>	<u>1224</u>
P18						<u>51</u>	<u>1224</u>
P19						<u>54</u>	<u>1224</u>
P20						<u>57</u>	<u>1224</u>
						<u>60</u>	<u>1224</u>

2007
Ticket # 22472

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Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Robinson Oil & Sweetman Drlg. Co. Lease & Well No. Lake A-#1
Elevation 1790 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 22486
Date 3-10-77 Sec. 11 Twp. 32S Range 14W County Barber State Kansas
Test Approved by Robert E. McCann Western Representative Bill Hager
Formation Test No. 9 O.K. Misrun Interval Tested From 4002' to 4046' Total Depth 4930'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 3997 Ft. Size 6 3/4 Bottom Packer Depth 4002 Ft. Size 6 3/4
Straddle Conv. B.T. Damaged Yes No Packer Depth 4046 Ft. Size 6 3/4
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 44 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4033 Ft. Clock No. 9103 Depth 4036 Ft. Clock No. 5665
Top Make Kuster Cap. 3000 No. 3474 Inside Bottom Make Kuster Cap. 4400 No. 2603 Inside
Below Straddle: Depth 4051 Rec. No. 969 Clock No. 10168 Inside Depth - Fr. Rec. No. - Clock No. - Inside
Time Set Packer 8:25 P M
Tool Open I.F.P. From 8:27 P.M. to 8:57 P.M. - Hr. 30 Min. From (B) 112 P.S.I. To (C) 125 P.S.I.
Tool Closed I.C.I.P. From 8:57 M. to 9:42 P.M. - Hr. 45 Min (D) 1190 P.S.I.
Tool Open F.F.P. From 9:42 P.M. to 10:42 P.M. 1 Hr. - Min. From (E) 154 P.S.I. To (F) 193 P.S.I.
Tool Closed F.C.I.P. From 10:42 M. to 11:42 P.M. 1 Hr. - Min. (G) 1123 P.S.I.
Initial Hydrostatic Pressure (A) 2051 P.S.I. Final Hydrostatic Pressure (H) 1904 P.S.I. Maximum Temp. 112

INFORMATION

BLOW Strong blow throughout test.
Did Well Flow - Yes No Recovery Total Ft. 2624' gas in pipe. 40' heavy oil cut mud, 228' slightly muddy oil, 82' oil cut water.
Reversed Out - Yes No Mud Type premix Viscosity 45 Weight 8.7 Water Loss 21.2 cc. Chlorides 12,500 P.P.M.
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size - In. Make - Ser. No. -
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -
DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 3981 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars - Ft. I.D. Drill Collars - In.
Tool Joint Size - In. Length D.S.T. Tool 75 Ft.
Remarks: Chlorides checked : 95,000 P.P.M. Read outside recorder #2603

WESTERN TESTING CO., INC.
Pressure Data

Date 3-10-77 Test Ticket No. 22486
 Recorder No. 2603 Capacity 3000 Location 4033 Ft.
 Clock No. 5665 Elevation 1790 Kelly Bushing _____ Well Temperature 112 °F

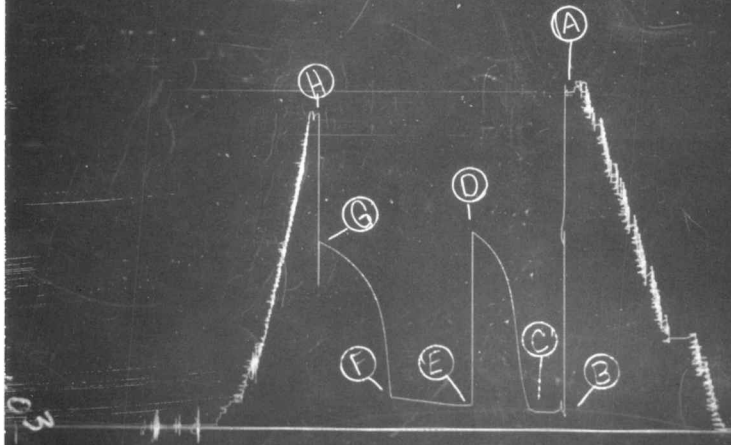
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2051</u> P.S.I.	Open Tool	<u>8:25</u> P.M.	
B First Initial Flow Pressure	<u>112</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>125</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1190</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>65</u> Mins.
E Second Initial Flow Pressure	<u>154</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>193</u> P.S.I.			
G Final Closed-in Pressure	<u>1123</u> P.S.I.			
H Final Hydrostatic Mud	<u>1904</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>15</u> Inc.		Breakdown: <u>13</u> Inc.		Breakdown: <u>19</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>112</u>	<u>0</u>	<u>125</u>	<u>0</u>	<u>154</u>	<u>0</u>	<u>193</u>
P 2 <u>5</u>	<u>119</u>	<u>3</u>	<u>182</u>	<u>5</u>	<u>147</u>	<u>3</u>	<u>385</u>
P 3 <u>10</u>	<u>108</u>	<u>6</u>	<u>279</u>	<u>10</u>	<u>146</u>	<u>6</u>	<u>582</u>
P 4 <u>15</u>	<u>108</u>	<u>9</u>	<u>331</u>	<u>15</u>	<u>147</u>	<u>9</u>	<u>694</u>
P 5 <u>20</u>	<u>109</u>	<u>12</u>	<u>629</u>	<u>20</u>	<u>154</u>	<u>12</u>	<u>771</u>
P 6 <u>25</u>	<u>119</u>	<u>15</u>	<u>786</u>	<u>25</u>	<u>158</u>	<u>15</u>	<u>821</u>
P 7 <u>30</u>	<u>125</u>	<u>18</u>	<u>889</u>	<u>30</u>	<u>163</u>	<u>18</u>	<u>867</u>
P 8 _____	_____	<u>21</u>	<u>956</u>	<u>35</u>	<u>167</u>	<u>21</u>	<u>901</u>
P 9 _____	_____	<u>24</u>	<u>1008</u>	<u>40</u>	<u>172</u>	<u>24</u>	<u>933</u>
P10 _____	_____	<u>27</u>	<u>1049</u>	<u>45</u>	<u>176</u>	<u>27</u>	<u>960</u>
P11 _____	_____	<u>30</u>	<u>1083</u>	<u>50</u>	<u>182</u>	<u>30</u>	<u>984</u>
P12 _____	_____	<u>33</u>	<u>1110</u>	<u>55</u>	<u>186</u>	<u>33</u>	<u>1005</u>
P13 _____	_____	<u>36</u>	<u>1134</u>	<u>60</u>	<u>191</u>	<u>36</u>	<u>1024</u>
P14 _____	_____	<u>39</u>	<u>1155</u>	<u>65</u>	<u>193</u>	<u>39</u>	<u>1043</u>
P15 _____	_____	<u>42</u>	<u>1174</u>	_____	_____	<u>42</u>	<u>1060</u>
P16 _____	_____	<u>45</u>	<u>1190</u>	_____	_____	<u>45</u>	<u>1076</u>
P17 _____	_____	_____	_____	_____	_____	<u>48</u>	<u>1088</u>
P18 _____	_____	_____	_____	_____	_____	<u>51</u>	<u>1099</u>
P19 _____	_____	_____	_____	_____	_____	<u>54</u>	<u>1112</u>
P20 _____	_____	_____	_____	_____	_____	<u>57</u>	<u>1123</u>

Ticket # 22486

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Ticket # 22486

Below Straddle

