



P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 25607

Formation Stanton Elevation _____ Eff. Pay _____ Ft.

District Great Bend Date Aug 29-76 Customer Order No. _____

COMPANY NAME National Oil Co.

ADDRESS 200 W Douglas Suite 550 - Wichita Ks 67202

LEASE AND WELL NO. Myers #1 COUNTY Stanton STATE Ks Sec 23 Twp 30 Rge 41

Mail Inv. To Some As Above No. Copies Requested _____
Co. Name " Address _____

Mail Charts To _____ No. Copies Requested _____
Address _____

Formation Test No. 7 O.K. Misrun _____ Interval Tested From 5492 to 5529 Total Depth 5529

Size Main Hole 7 7/8 Rat Hole _____ Conv. - B.T. Damaged Yes No Conv. - B.T. Damaged Yes No

Top Packer Depth 5487 Ft. Size 6 3/4 Bottom Packer Depth 5492 Ft. Size 6 3/4

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

Tool Size 5300 Tool Joint Size 4 1/2 F.H. Anchor Length 37 Ft. Size 52 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 5516 Ft. Clock No. 6897 Depth 5519 Ft. Clock No. 10168

Top Make Kuster Cap. 4250 No. 1051 Inside Bottom Make Kuster Cap. 4000 No. 3659 Inside

Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Outside _____ Depth _____ Ft. Rec. No. _____ Clock No. _____ Outside _____

Time Set Packer 6:21 A M

Tool Open I.F.P. From 6:25 AM to 7:05 M. - Hr. 40 Min. From (B) 43 54 P.S.I. To (C) 53 52 P.S.I.

Tool Closed I.C.I.P. From 7:05 M. to 7:50 M. - Hr. 45 Min. (D) 182 194 P.S.I.

Tool Open F.F.P. From 7:50 M. to 8:50 M. / Hr. - Min. From (E) 7586 P.S.I. To (F) 79 73 P.S.I.

Tool Closed F.C.I.P. From 8:50 M. to 10:25 M. / Hr. 30 Min. (G) 622 629 P.S.I.

Initial Hydrostatic Pressure (A) 2640 2736 P.S.I. Final Hydrostatic Pressure (H) 2658 2680 P.S.I. Maximum Temp. 144

INFORMATION

BLOW Weak Through out Flow Period

Did Well Flow Yes No Recovery Total Ft. 25' Mud (No Show)

Reversed Out Yes No Mud Type Chem Viscosity 53 Weight 9.2 Water Loss 8.8 cc. Chlorides 2500 ppm

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Bowen Jars: Size 4 3/4 In. Make W.T.C. Ser. No. 410

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

DRILLING CONTRACTOR Damac Dilg # 5 Length Drill Pipe 5033 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 x 1 1/4 In.

Length Weight Pipe _____ ft. I.D. Weight Pipe _____ In. Tool Joint Size _____ In. Length Drill Collars 430 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4" H 90 In. Length D.S.T. Tool 66 ft.

Remarks Slid Tool 8'

INVOICE SECTION

Open Hole Test	\$ <u>425.00</u>
Straddle Test	\$ _____
Jars	\$ <u>165.00</u>
Selective Zone	\$ _____
Safety Joint	\$ <u>30.00</u>
Misrun	\$ _____
Evaluation	\$ _____
Packer	\$ <u>125.00</u>
Circ. Sub.	\$ _____
Total	\$ <u>745.00</u>

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Signature of Customer or his Authorized Representative David Clark Western Representative Luay May Kripe
Operator's Time Thank You Hrs.

WESTERN TESTING CO., INC.

Pressure Data

Date 8-29-76 Test Ticket No. 25607
 Recorder No. 1051 Capacity 4250 Location 5516 Ft.
 Clock No. 6897 Elevation 3371 Kelly Bushing Well Temperature 144 °F

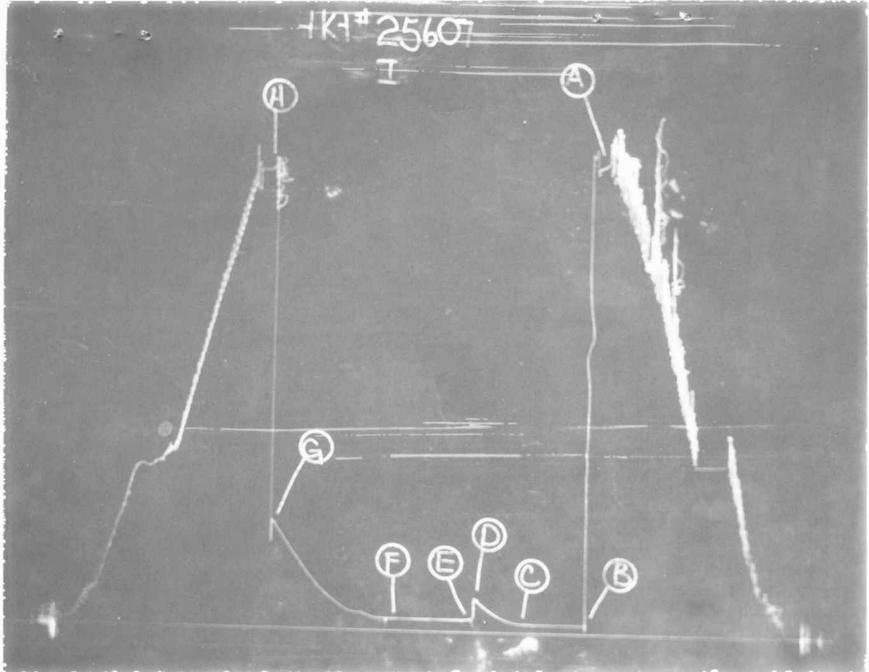
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2736	P.S.I.	6:21A	M
B First Initial Flow Pressure	54	P.S.I.	40	40 Mins.
C First Final Flow Pressure	52	P.S.I.	45	45 Mins.
D Initial Closed-in Pressure	194	P.S.I.	60	60 Mins.
E Second Initial Flow Pressure	86	P.S.I.	90	99 Mins.
F Second Final Flow Pressure	73	P.S.I.		
G Final Closed-in Pressure	629	P.S.I.		
H Final Hydrostatic Mud	2680	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.							
of _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	273
P 2						66	301
P 3						69	327
P 4						72	357
P 5						75	388
P 6						78	420
P 7						81	448
P 8						84	485
P 9						87	513
P10						90	549
P11						93	578
P12						96	608
P13						99	629
P14							
P15							
P16							
P17							
P18							
P19							
P20							

IKI# 25607

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WESTERN TESTING CO., INC.
Pressure Data

Date 8-28-76

Test Ticket No. 25607

Recorder No. 1051

Capacity 4250

Location 5516 Ft.

Clock No. 6897

Elevation 3371 ft. Bushing

Well Temperature 144 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2736</u>	P.S.I.	<u>6:21 A.</u>	<u>M</u>
B First Initial Flow Pressure	<u>54</u>	P.S.I.	<u>40</u>	Mins. <u>40</u> Mins.
C First Final Flow Pressure	<u>52</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
D Initial Closed-in Pressure	<u>194</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>86</u>	P.S.I.	<u>90</u>	Mins. <u>99</u> Mins.
F Second Final Flow Pressure	<u>73</u>	P.S.I.		
G Final Closed-in Pressure	319 <u>629</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2680</u>	P.S.I.		

PRESSURE BREAKDOWN

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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> <u>54</u>	<u>0</u> <u>52</u>			<u>86</u>	<u>0</u> <u>73</u>	
P 2	<u>5</u> <u>52</u>	<u>3</u> <u>53</u>		<u>5</u> <u>73</u>		<u>3</u> <u>73</u>	
P 3	<u>10</u>	<u>6</u> <u>53</u>		<u>10</u>		<u>6</u> <u>73</u>	
P 4	<u>15</u>	<u>9</u> <u>54</u>		<u>15</u>		<u>9</u> <u>73</u>	
P 5	<u>20</u>	<u>12</u> <u>56</u>		<u>20</u>		<u>12</u> <u>74</u>	
P 6	<u>25</u>	<u>15</u> <u>58</u>		<u>25</u>		<u>15</u> <u>75</u>	
P 7	<u>30</u>	<u>18</u> <u>65</u>		<u>30</u>		<u>18</u> <u>75</u>	
P 8	<u>35</u>	<u>21</u> <u>71</u>		<u>35</u>		<u>21</u> <u>80</u>	
P 9	<u>40</u> <u>52</u>	<u>24</u> <u>80</u>		<u>40</u>		<u>24</u> <u>84</u>	
P10		<u>27</u> <u>92</u>		<u>45</u>		<u>27</u> <u>95</u>	
P11		<u>30</u> <u>105</u>		<u>50</u>		<u>30</u> <u>105</u>	
P12		<u>33</u> <u>118</u>		<u>55</u>		<u>33</u> <u>108</u>	
P13		<u>36</u> <u>133</u>		<u>60</u> <u>73</u>		<u>36</u> <u>112</u>	
P14		<u>39</u> <u>153</u>				<u>39</u> <u>120</u>	
P15		<u>42</u> <u>168</u>				<u>42</u> <u>135</u>	
P16		<u>45</u> <u>194</u>				<u>45</u> <u>151</u>	
P17						<u>48</u> <u>168</u>	
P18						<u>51</u> <u>187</u>	
P19						<u>54</u> <u>204</u>	
P20						<u>57</u> <u>224</u>	
						<u>60</u> <u>247</u>	



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 25608

P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

Formation Morrow Elevation 3371 K.F. Pay Ft.

District Great Bend Date Aug 30 - 76 Customer Order No.

COMPANY NAME National Oil Co
ADDRESS 200 Douglas - Suite 550 Wichita, Ks 67202
LEASE AND WELL NO. Myers COUNTY Stanton STATE Ks Sec 23 Twp 305 Rge 41 W
Mail Inv. To Same As Above No. Copies Requested 45401
Co. Name " " " " Address " " " " No. Copies Requested 45401
Mail Charts To " " " " Address " " " " No. Copies Requested 45401

Formation Test No. 8 O.K. Misrun Interval Tested From 5285 to 5355 Total Depth 5529
Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 5280 Ft. Size 6 3/4 Bottom Packer Depth 5285 Ft. Size 6 3/4
Straddle Conv. B.T. Damaged Yes No Packer Depth 5355 Ft. Size 6 3/4
Tool Size 5301 Tool Joint Size 4 3/4 Anchor Length 70 Ft. Size 28 P.C. 42 5/8 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth Ft. Clock No. 6897 Inside
Top Make Kuster Cap. 4250 No. 1051 Outside
Bottom Make Kuster Cap. 4000 No. 3659 Inside
Below Straddle: Depth Rec. No. 1566 Clock No. 6774 Outside
Depth Ft. Rec. No. 115 Clock No. 108 Outside

Time Set Packer M
Tool Open I.F.P. From M. to M. Hr. Min. From (B) P.S.I. To (C) P.S.I.
Tool Closed I.C.I.P. From M. to M. Hr. Min. (D) P.S.I.
Tool Open F.F.P. From M. to M. Hr. Min. From (E) P.S.I. To (F) P.S.I.
Tool Closed F.C.I.P. From M. to M. Hr. Min. (G) P.S.I.
Initial Hydrostatic Pressure (A) P.S.I. Final Hydrostatic Pressure (H) P.S.I. Maximum Temp.

INFORMATION

BLOW
Did Well Flow Yes No Recovery Total Ft.

Reversed Out Yes No Mud Type Chem Viscosity 49 Weight 9.2 Water Loss P cc. Chlorides P
EXTRA EQUIPMENT: Type Circ. Sub. 1IN Safety Joint Bowen Jars: Size 4 3/4 In. Make UTC Ser. No. 410
Dual Packers 3 Did Packers Hold? Did Tool Plug? Where?

DRILLING CONTRACTOR Length Drill Pipe ft. I.D. Drill Pipe In. Tool Joint Size 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 ft.

Remarks Tool Stopped at 2241 Hole Bridged over

INVOICE SECTION

Table with 2 columns: Item, Amount. Includes Open Hole Test, Straddle Test, Jars (\$165.00), Selective Zone, Safety Joint, Misrun (\$30.00), Evaluation (\$150.00), Packer (\$125.00), Circ. Sub., Total (\$470.00).

COMPANY TERMS

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Test Approved By Al Clark Western Representative Riven
Signature of Customer or his Authorized Representative Operator's Time Hrs.



INC.
 P. O. Box 1599
 Wichita, Kansas 67201

Company National Oil Company Lease & Well No. Myers #1
 Elevation 3371 Kelly Bushing Formation Morrow Effective Pay - Ft. Ticket No. 25608
 Date 8-30-76 Sec. 23 Twp. 30S Range 41W County Stanton State KS
 Test Approved by Hal Clark Western Representative Guy Max Knipe

Formation Test No. #8 O.K. - Misrun X Interval Tested From 5285' to 5355' Total Depth 5529'
 Size Main Hole 7 7/8 Rat Hole - Conv. - B.T. X Damaged - Yes - No - Conv. - B.T. X Damaged - Yes - No -
 Top Packer Depth 5280 Ft. Size 6 3/4 Bottom Packer Depth 5285 Ft. Size 6 3/4
 Straddle - Conv. - B.T. X Damaged - Yes - No - Packer Depth 5355 Ft. Size 6 3/4
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 70 Ft. Size 28' DC 42 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth - Ft. Clock No. 6897 Depth - Ft. Clock No. 10168
 Top Make Kuster Cap. 4250 No. 1051 Inside - Outside - Bottom Make Kuster Cap. 4000 No. 3659 Inside - Outside -
 Below Straddle: Depth - Rec. No. 1566 Clock No. 6774 Inside - Outside - Depth - Ft. Rec. No. 115 Clock No. 108 Inside - Outside -

Time Set Packer M
 Tool Open I.F.P. From - M. to - M. - Hr. - Min. From (B) - P.S.I. To (C) - P.S.I.
 Tool Closed I.C.I.P. From - M. to - M. - Hr. - Min (D) - P.S.I.
 Tool Open F.F.P. From - M. to - M. - Hr. - Min. From (E) - P.S.I. To (F) - P.S.I.
 Tool Closed F.C.I.P. From - M. to - M. - Hr. - Min. (G) - P.S.I.
 Initial Hydrostatic Pressure (A) - P.S.I. Final Hydrostatic Pressure (H) - P.S.I. Maximum Temp. -

INFORMATION

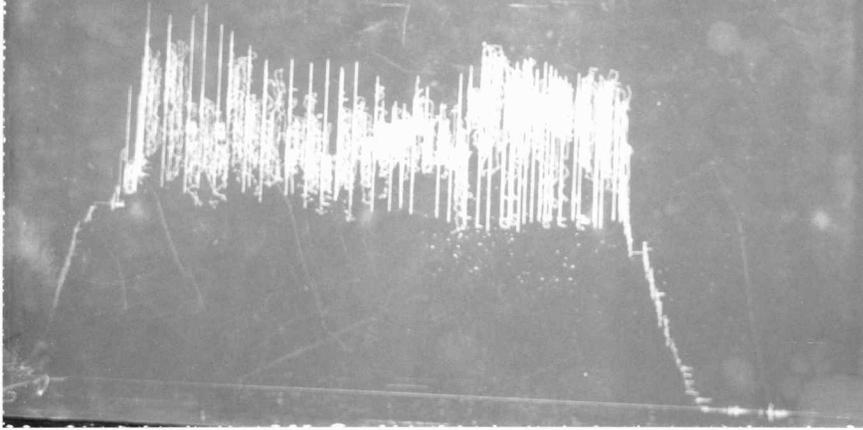
BLOW -
 Did Well Flow - Yes - No - Recovery Total Ft. -

Reversed Out - Yes - No - Mud Type Chemical Viscosity 49 Weight 9.2 Water Loss - cc. Chlorides -
 EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint X Jars: Size 4 3/4 In. Make WTC Ser. No. 410
 Dual Packer Three Did Packers Hold? - Did Tool Plug? - Where? -

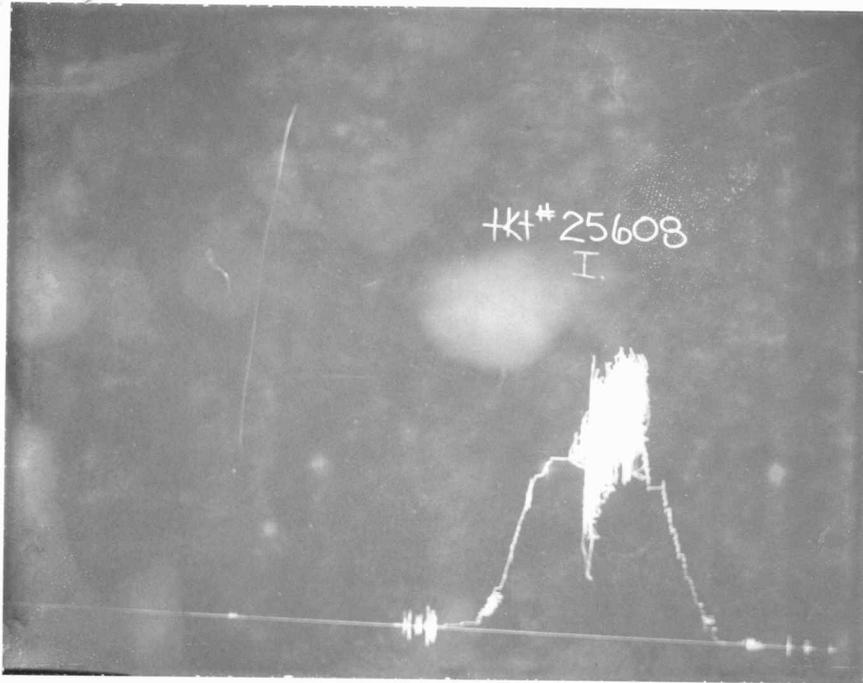
DRILLING CONTRACTOR Damac Drlg Co. Length Drill Pipe? - Ft. I.D. Drill Pipe - In. Tool Joint Size - In.
 Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars - Ft. I.D. Drill Collars - In.
 Tool Joint Size - In. Length D.S.T. Tool - Ft.

Remarks:
 Tool stopped at 2241' hoe bridged over

+KI# 25608
Below Straddle



+KI# 25608
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P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 25609

Formation MProw Elevation 3371 KIB Eff. Pay _____ Ft.

District Great Bend Date Aug. 30 Customer Order No. _____

COMPANY NAME National Oil Co
ADDRESS 200 W Douglas Suite 550 Wichita, Kans 67202
LEASE AND WELL NO. Myers #1 COUNTY Stanton STATE Kans Sec 23 Twp 30 E Rge 41 W
Mail Inv. To Same as above No. Copies Requested usual
Co. Name _____ Address _____
Mail Charts To Same as above No. Copies Requested usual
Address _____

Formation Test No. 9 O.K. Misrun Interval Tested From 5285 to 5355 Total Depth 5529
Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 5280 Ft. Size 6 3/4 Bottom Packer Depth 5285 Ft. Size 6 3/4
Straddle Conv. B.T. Damaged Yes No Packer Depth 5355 Ft. Size 6 3/4
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 F.I. Anchor Length 70 Ft. Size 28 DC 42 5 8 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 5342 Ft. Clock No. 6897 Inside
Top Make Kuster Cap. 4250 No. 1051 Outside
Bottom Make Kuster Cap. 4000 No. 3659 Outside
Below Straddle: Depth _____ Rec. No. 1566 Clock No. 6774 Inside
Depth _____ Ft. Rec. No. 115 Clock No. 108 Outside

Time Set Packer _____ M
Tool Open I.F.P. From _____ M. to _____ M. Hr. _____ Min. From (B) _____ P.S.I. To (C) _____ P.S.I.
Tool Closed I.C.I.P. From _____ M. to _____ M. Hr. _____ Min. (D) _____ P.S.I.
Tool Open F.F.P. From _____ M. to _____ M. Hr. _____ Min. From (E) _____ P.S.I. To (F) _____ P.S.I.
Tool Closed F.C.I.P. From _____ M. to _____ M. Hr. _____ Min. (G) _____ P.S.I.
Initial Hydrostatic Pressure (A) 2732 P.S.I. Final Hydrostatic Pressure (H) 2689 P.S.I. Maximum Temp. _____

INFORMATION

BLOW _____

Did Well Flow Yes No Recovery Total Ft. _____

Reversed Out Yes No Mud Type Chem Viscosity 52 Weight 9.1 Water Loss 6.0 cc. Chlorides 26,000

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size 4 1/4 In. Make WTC Ser. No. 410

Dual Packers Yes Did Packers Hold? no Did Tool Plug? _____ Where? _____

DRILLING CONTRACTOR Pamac Dlg #3 Length Drill Pipe 5033 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 X 1 1/2 In.

Length Weight Pipe _____ ft. I.D. Weight Pipe _____ In. Tool Joint Size _____ In. Length Drill Collars 430 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 X 1 1/2 In. Length D.S.T. Tool 66 ft.

Remarks Top Packer Gave Way

Tried to Re-seat 2 times No Help

INVOICE SECTION

Open Hole Test	\$ _____
Straddle Test	\$ _____
Jars	\$ <u>165.00</u>
Selective Zone	\$ _____
Safety Joint	\$ <u>30.00</u>
Misrun	\$ <u>150.00</u>
Evaluation	\$ _____
Packer	\$ <u>125.00</u>
Circ. Sub.	\$ _____
Total	\$ <u>470.00</u>

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Test Approved By Hal Clark Western Representative Guy M Kruger
Signature of Customer or his Authorized Representative Operator's Time _____ Hrs.



INC.
P. O. Box 1599
Wichita, Kansas 67201

Company National Oil Company Lease & Well No. Myers #1
 Elevation 3371 Kelly Bushing Formation Morrow Effective Pay _____ Ft. Ticket No. 25609
 Date 8-30-76 Sec 23 Twp. 30S Range 41W County Stanton State KS
 Test Approved by Hal Clark Western Representative Guy M. Knipe
 Formation Test No. #9 O.K. Misrun Interval Tested From 5285' to 5355' Total Depth 5529'
 Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 5280 Ft. Size 6 3/4 Bottom Packer Depth 5285 Ft. Size 6 3/4
 Straddle Conv. B.T. Damaged Yes No Packer Depth 5355 Ft. Size 6 3/4
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 70 Ft. Size 28' DC 42' Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
 RECORDERS Depth 5342 Ft. Clock No. 6897 Depth 5345 Ft. Clock No. 10168
 Top Make Kuster Cap. 4250 No. 1051 Inside Outside Bottom Make Kuster Cap. 4000 No. 3659 Inside Outside
 Below Straddle: Depth Rec. No. 1566 Clock No. 6774 Inside Outside Depth Ft. Rec. No. 115 Clock No. 108 Inside Outside
 Time Set Packer _____ M
 Tool Open I.F.P. From _____ M. to _____ M. Hr. _____ Min. From (B) _____ P.S.I. To (C) _____ P.S.I.
 Tool Closed I.C.I.P. From _____ M. to _____ M. Hr. _____ Min (D) _____ P.S.I.
 Tool Open F.F.P. From _____ M. to _____ M. Hr. _____ Min. From (E) _____ P.S.I. To (F) _____ P.S.I.
 Tool Closed F.C.I.P. From _____ M. to _____ M. Hr. _____ Min. (G) _____ P.S.I.
 Initial Hydrostatic Pressure (A) 2732 P.S.I. Final Hydrostatic Pressure (H) 2689 P.S.I. Maximum Temp. _____

INFORMATION

BLOW _____
 Did Well Flow Yes No Recovery Total Ft. _____
 Reversed Out Yes No Mud Type Chemical Viscosity 52 Weight 9.1 Water Loss 6.0 cc. Chlorides 26,000 PPM
 EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 4 3/4 In. Make WTC Ser. No. 410
 Dual Packer Yes Did Packers Hold? No Did Tool Plug? Where? -
 DRILLING CONTRACTOR DaMac Drllg Co #3 Length Drill Pipe? 5033 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 In.
 Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 430 Ft. I.D. Drill Collars 2 1/4 In.
 Tool Joint Size 4 H90 In. Length D.S.T. Tool 66 Ft.

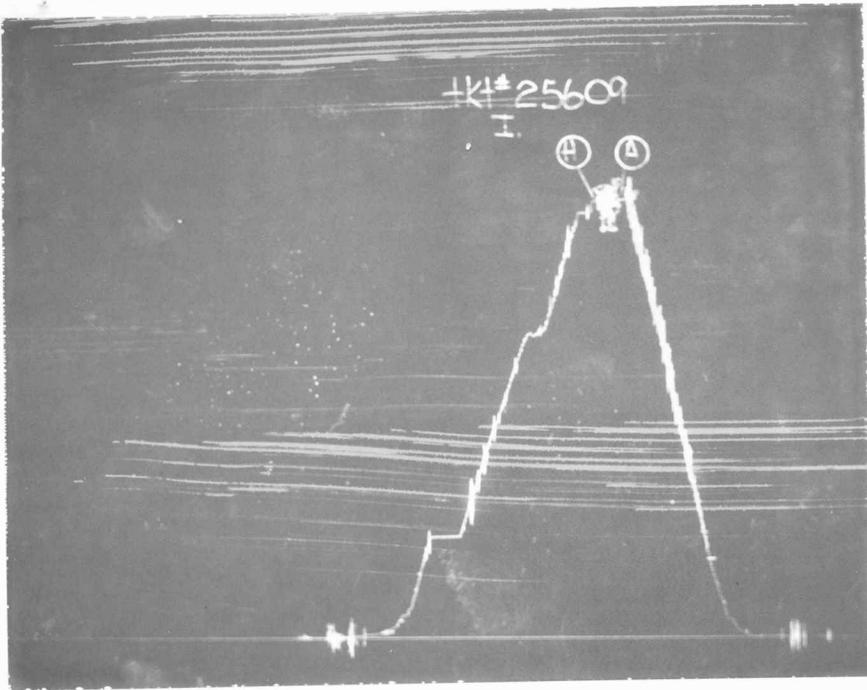
Remarks:

Top packer gave away, no seat, tried to reseal 2 times

+K1 #25609

I

(A) (A)



+K1 #25609

Below Straddle

