

Company	The National Oil Company			Lease & Well No.	Frisbie #1		
Elevation	Formation			Mississippi	Effective Pay	-	Ft. Ticket No.
Date	3-2-79	Sec.	25	Twp. 33S Range 10W	County	Barber	Kansas
Test Approved by	Clyde Kuhn			Western Representative	Jim Wondra		
Formation Test No.	Interval Tested from			4587	ft. to	4600	Total Depth 4600 ft.
Packer Depth	4583	ft.	Size	6 3/4 in.	Packer Depth	-	ft. Size - in.
Packer Depth	4587	ft.	Size	6 3/4 in.	Packer Depth	-	ft. Size - in.
Depth of Selective Zone Set							
Top Recorder Depth (Inside)	4 590 ft.			Recorder Number	2607	Cap.	4150
Bottom Recorder Depth (Outside)	4593 ft.			Recorder Number	3351	Cap.	4000
Below Straddle Recorder Depth	- ft.			Recorder Number	-	Cap.	-
Drilling Contractor	Graves Drilling Co. (#1)			Drill Collar Length	86	I. D.	2 1/4 in.
Mud Type	Premix	Viscosity	42	Weight Pipe Length	384	I. D.	2.7 in.
Weight	9.0	Water Loss	20.8 cc.	Drill Pipe Length	4096	I. D.	3.8 in.
Chlorides	15,500	P.P.M.		Test Tool Length	21' XX	Tool Size	5 1/2 OD in.
Jars: Make	-	Serial Number	-	Anchor Length	13 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 test. Gas to surface in 26 minutes on pre flow. See attached sheet for gas measurements.

Recovered	185	ft. of	gas cut oil	(30 gravity)
Recovered	60	ft. of	heavy muddy gas cut oil	
Recovered		ft. of		
Recovered		ft. of		
Recovered		ft. of		
Remarks:				

Time Set	Packer(s)	3:50	= A.M. =	Time Started	Off Bottom	6:50	= A.M. =	Maximum Temperature	123
Initial	Hydrostatic Pressure			(A)	2310		P.S.I.		
Initial	Flow Period		Minutes	30	(B)	68	P.S.I. to (C)	72	P.S.I.
Initial	Closed In Period		Minutes	45	(D)	1811	P.S.I.		
Final	Flow Period		Minutes	60	(E)	72	P.S.I. to (F)	95	P.S.I.
Final	Closed In Period		Minutes	45	(G)	1815	P.S.I.		
Final	Hydrostatic Pressure			(H)	2278		P.S.I.		



GAS FLOW REPORT

Date 3-2-79 Ticket 1542 Company The National Oil Company
 Well Name and No. Frisbie #1 Dst No. 1 Interval Tested 4587' - 4600;
 County Barber State Kansas Sec. 25 Twp. 33S Rg. 10W

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

30 min.	10" of water 1/2" orifice	19,900 C.F.P.D.

SECOND FLOW

GAS BOTTLE

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

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% 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 The National Oil Company

Authorized by Clyde Kuhn

WESTERN TESTING CO., INC.

Pressure Data

Date 3-2-79

Recorder No. 2607

Capacity 4150

Test Ticket No. 1542

Clock No. - Elevation -

Location 4590 Ft.

Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2310	P.S.I.	Open Tool	3:50P. M
B First Initial Flow Pressure	68	P.S.I.	First Flow Pressure	30 Mins. 30 Mins.
C First Final Flow Pressure	72	P.S.I.	Initial Closed-in Pressure	45 Mins. 45 Mins.
D Initial Closed-in Pressure	1811	P.S.I.	Second Flow Pressure	60 Mins. 60 Mins.
E Second Initial Flow Pressure	72	P.S.I.	Final Closed-in Pressure	45 Mins. 45 Mins.
F Second Final Flow Pressure	95	P.S.I.		
G Final Closed-in Pressure	1815	P.S.I.		
H Final Hydrostatic Mud	2278	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: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

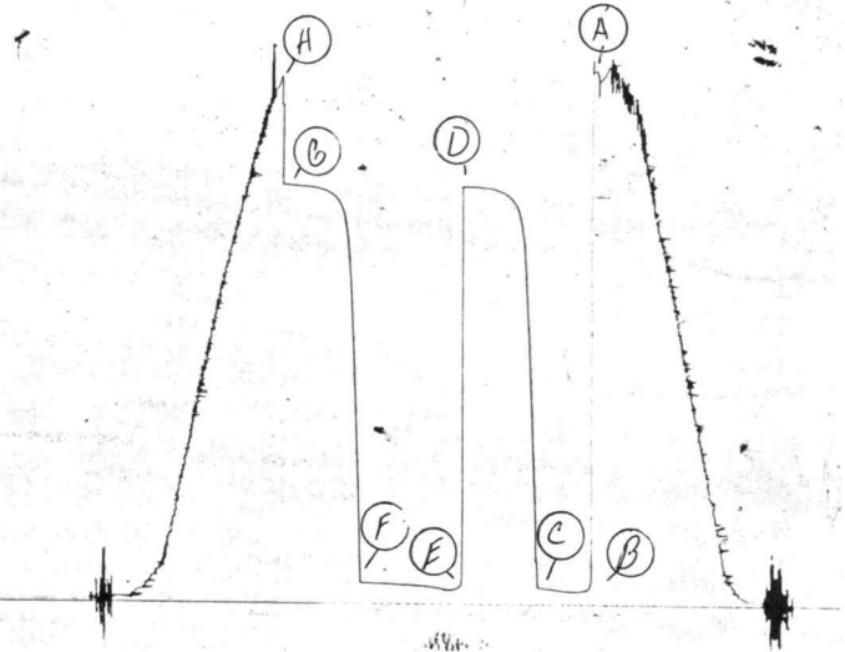
Point Mins.	Press.
P 1 0	68
P 2 5	61
P 3 10	59
P 4 15	61
P 5 20	65
P 6 25	70
P 7 30	72
P 8	21
P 9	24
P10	27
P11	30
P12	33
P13	36
P14	39
P15	42
P16	45
P17	
P18	
P19	
P20	

Point Minutes	Press.
0	71
3	350
6	987
9	1247
12	1527
15	1721
18	1745
21	1777
24	1790
27	1798
30	1804
33	1807
36	1809
39	1811
42	1811
45	1811

Point Minutes	Press.
0	72
5	65
10	68
15	76
20	80
25	82
30	84
35	86
40	87
45	89
50	91
55	93
60	95

Point Minutes	Press.
0	95
3	606
6	1056
9	1435
12	1653
15	1733
18	1767
21	1784
24	1794
27	1800
30	1805
33	1809
36	1811
39	1813
42	1815
45	1815

TKT # 1542
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Company	National Oil Company			Lease & Well No.	Frisbie #1						
Elevation	--	Formation	Mississippi		Effective Pay	--	Ft. Ticket No.	1543			
Date	3/3/79	Sec.	25	Twp	33S	Range	10W	County	Barber	State	Kansas
Test Approved by	Clyde R. Kuhn			Western Representative	Jim Wondra						
Formation Test No.	2	Interval Tested from	4600'	ft. to	4615'	ft.	Total Depth	4615'	ft.		
Packer Depth	4595	ft.	Size	6 3/4	in.	Packer Depth	-	ft.	Size	-	in.
Packer Depth	4600	ft.	Size	6 3/4	in.	Packer Depth	-	ft.	Size	-	in.
Depth of Selective Zone Set	--										
Top Recorder Depth (Inside)			4605	ft.	Recorder Number	2607	Cap.	4150			
Bottom Recorder Depth (Outside)			4608	ft.	Recorder Number	3351	Cap.	4000			
Below Straddle Recorder Depth			-	ft.	Recorder Number	-	Cap.	-			
Drilling Contractor	Graves Drilling Rig #1			Drill Collar Length	86	I. D.	2 1/4	in.			
Mud Type	premix	Viscosity	42	Weight Pipe Length	384	I. D.	2.7	in.			
Weight	9.0	Water Loss	20.8	Drill Pipe Length	4109	I. D.	3.8	in.			
Chlorides	15,500	P.P.M.		Test Tool Length	21'	in.	Tool Size	5 1/2 OD	in.		
Jars: Make	--	Serial Number	--	Anchor Length	15'	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: Fair increased to strong blow on first flow period. Strong blow throughout second flow period. Gas to surface in 12 minutes on second flow. See attached sheet for gas measurements.

Recovered	175	ft. of	gas cut oil (gravity 30)
Recovered	60	ft. of	slightly muddy gas cut oil
Recovered	50	ft. of	muddy gas cut oil
Recovered	10	ft. of	watery mud
Recovered		ft. of	

Remarks:

Time Set	Packer(s)	7:20	A.M.	Time Started	Off Bottom	10:20	A.M.	Maximum Temperature	124
Initial	Hydrostatic Pressure		P.M.			2314	P.S.I.		
Initial	Flow Period			Minutes	30	(B)	59	P.S.I. to (C)	68
Initial	Closed In Period			Minutes	45	(D)	1723	P.S.I.	
Final	Flow Period			Minutes	60	(E)	93	P.S.I. to (F)	118
Final	Closed In Period			Minutes	45	(G)	1647	P.S.I.	
Final	Hydrostatic Pressure					(H)	2287	P.S.I.	



GAS FLOW REPORT

Date 3/3/79 Ticket 1543 Company National Oil Company
 Well Name and No. Frisbie #1 Dst No. 2 Interval Tested 4600'-4615'
 County Barber State Kansas Sec. 25 Twp. 33S Rg. 10W

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 12 minutes.

SECOND FLOW

17 min.	17" of water 1/4" orifice			6,930 CFPD
22 min.	20" of water 1/4" orifice			7,510 CFPD
32 min.	26" of water 1/4" orifice			8,560 CFPD
42 min.	24" of water 1/4" orifice			8,220 CFPD
52 min.	22" of water 1/4" orifice			7,510 CFPD

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ ----- Date to be Invoiced 3/3/79

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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 National Oil Company

Authorized by Clyde R. Kuhn

WESTERN TESTING CO., INC.
Pressure Data

Date 3/3/79

Recorder No. 2607

Capacity 4150

Test Ticket No.	<u>1543</u>
Location	<u>4605</u> Ft.
Well Temperature	<u>124</u> °F

Clock No. -- Elevation --

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2314</u> P.S.I.	Open Tool	<u>7:20A</u> M
B First Initial Flow Pressure	<u>59</u> P.S.I.	First Flow Pressure	<u>30</u> Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>68</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins. <u>45</u> Mins.
D Initial Closed-in Pressure	<u>1723</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>93</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins. <u>45</u> Mins.
F Second Final Flow Pressure	<u>118</u> P.S.I.		
G Final Closed-in Pressure	<u>1647</u> P.S.I.		
H Final Hydrostatic Mud	<u>2287</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: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point
Mins.

Press.

Point
Minutes

Press.

Point
Minutes

Press.

Point
Minutes

Press.

P 1 0

59

0

68

0

93

0

118

P 2 5

51

3

377

5

89

3

383

P 3 10

51

6

887

10

95

6

856

P 4 15

51

9

1351

15

101

9

1201

P 5 20

59

12

1462

20

108

12

1330

P 6 25

63

15

1521

25

114

15

1401

P 7 30

68

18

1565

30

118

18

1454

P 8

21

1599

35

118

21

1490

P 9

24

1626

40

118

24

1523

P10

27

1643

45

118

27

1548

P11

30

1658

50

118

30

1567

P12

33

1671

55

118

33

1588

P13

36

1684

60

118

36

1603

P14

39

1699

39

1618

P15

42

1713

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1630

P16

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1723

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1647

P17

P18

P19

P20

TKT # 1543

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