

DST REPORT

GENERAL INFORMATION

DATE	: 4/6/95	TICKET	: 20720
CUSTOMER	: NATIONAL PETROLEUM RESERV	LEASE	: STORMONT
WELL	: #1 TEST: 1	GEOLOGIST	: DEBOIS
ELEVATION	: 2770 KB	FORMATION	: LANSING J & K
SECTION	: 27	TOWNSHIP	: 19S
RANGE	: 28W COUNTY: LANE	STATE	: KS
GAUGE SN#	: 10270 RANGE: 4150	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4246.00 ft TO: 4316.00 ft TVD: 4316.0 ft
 DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
 DEPTH OF RECORDERS: 4249.0 ft 4252.0 ft
 TEMPERATURE: 119.0

DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in
WEIGHT PIPE LENGTH:	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH:	4221.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH:	25.0 ft	TOOL SIZE:	5.500 in
ANCHOR LENGTH:	70.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE:	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE:	7.875 in	TOOL JOINT SIZE:	4.5XH
PACKER DEPTH:	4241.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4246.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON.:	DISCOVERY DLRG RIG 1	VISCOSITY:	45.00 cp
MUD TYPE:	CHEMICAL	WATER LOSS:	10.800 cc
WEIGHT:	9.300 ppg	SERIAL NUMBER:	422
CHLORIDES:	1800 ppm	REVERSED OUT?:	NO
JARS-MAKE:	WTC		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 1 MINUTE.
 FINAL FLOW PERIOD WEAK BUILDING TO A GOOD BLOW -
 1/2 TO 6 1/2 INCH BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
180.0	1.0	0.0	59.0	40.0	SLI. OIL CUT MUDDY WATER
240.0	1.0	0.0	74.0	25.0	SL OIL CUT MUDDY WATER
120.0	0.0	0.0	60.0	40.0	MUDDY WATER W/SCUM OF OIL
420.0	0.0	0.0	100.0	0.0	WATER W/SCUM OF OIL
480.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 27000 PPM

RATE INFORMATION

OIL VOLUME:	0.0589	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	2.0871	STB/D
MUD VOLUME:	2.5247	STB	AVERAGE WATER RATE:	482.6637	STB/D
WATER VOLUME:	17.6143	STB			
TOTAL FLUID :	20.1980	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2108.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	281.00	603.00
INITIAL SHUT-IN	30.00		697.00
FINAL FLOW	30.00	655.00	697.00
FINAL SHUT-IN	30.00		707.00

FINAL HYDROSTATIC PRESSURE: 2066.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2156.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	280.00	623.00
INITIAL SHUT-IN	30.00		705.00
FINAL FLOW	30.00	667.00	699.00
FINAL SHUT-IN	30.00		715.00

FINAL HYDROSTATIC PRESSURE: 2156.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 4/6/95	TICKET : 20720
CUSTOMER : NATIONAL PETROLEUM RESERV	LEASE : STORMONT
WELL : #1	TEST: 1
ELEVATION: 2770 KB	GEOLOGIST: DEBOIS
SECTION : 27	FORMATION: LANSING J & K
RANGE : 28W	COUNTY: LANE
GAUGE SN#: 10270	RANGE : 4150
	TOWNSHIP : 19S
	STATE : KS
	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	280.00	280.00
5.00	368.00	88.00
10.00	442.00	74.00
15.00	504.00	62.00
20.00	561.00	57.00
25.00	603.00	42.00
30.00	623.00	20.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	682.00	682.00	11.00
6.00	691.00	9.00	6.00
9.00	697.00	6.00	4.33
12.00	699.00	2.00	3.50
15.00	701.00	2.00	3.00
18.00	702.00	1.00	2.67
21.00	703.00	1.00	2.43
24.00	704.00	1.00	2.25
27.00	705.00	1.00	2.11
30.00	705.00	0.00	2.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	667.00	667.00

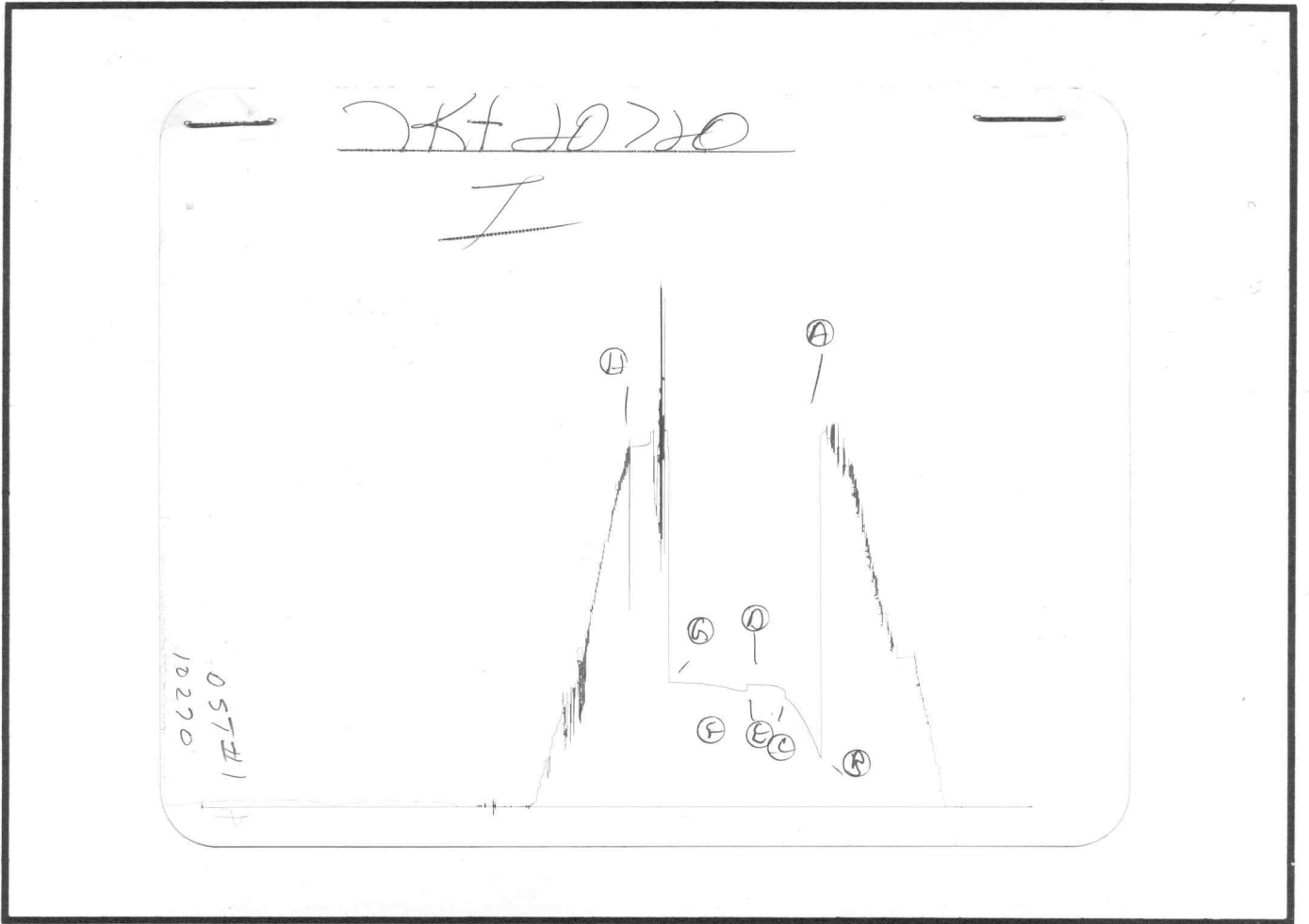
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

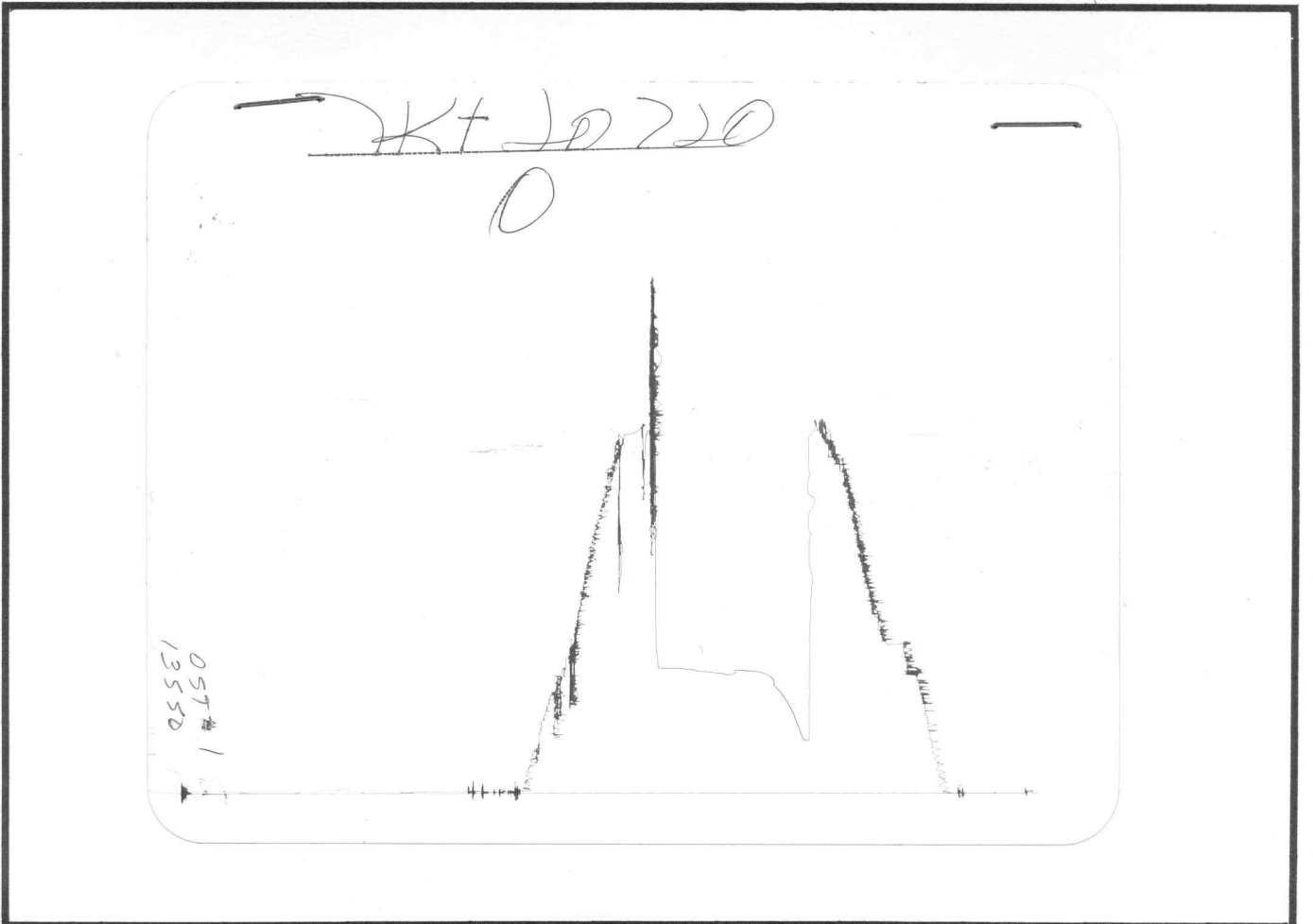
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
5.00	667.00	0.00
10.00	675.00	8.00
15.00	684.00	9.00
20.00	691.00	7.00
25.00	696.00	5.00
30.00	699.00	3.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	705.00	705.00	11.00
6.00	708.00	3.00	6.00
9.00	711.00	3.00	4.33
12.00	712.00	1.00	3.50
15.00	713.00	1.00	3.00
18.00	714.00	1.00	2.67
21.00	714.00	0.00	2.43
24.00	715.00	1.00	2.25
27.00	715.00	0.00	2.11
30.00	715.00	0.00	2.00



Inside Recorder



Outside Recorder

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 2762 GL Formation LANSING JK Eff. Pay —
2770 KB

TICKET 14 20120

District GREAT Bend Date 4-6-95 Customer Order No. —

COMPANY NAME NATIONAL Petroleum Reserves, Inc.

ADDRESS 250 N. Rock Rd. #340 WICHITA, KS 67206

LEASE AND WELL NO. STORMONT #1 COUNTY LANE STATE KO Sec. 27 Twp. 19 Rge. 2E

Mail Invoice To SAME #1 STORMONT Co. Name Address No. Copies Requested Req

Mail Charts To SAME Address No. Copies Requested Req

Formation Test No. 1 Interval Tested From 4246 ft. to 4316 ft. Total Depth 4316 ft.

Packer Depth 4241 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 4246 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4249 ft. Recorder Number 10270 Cap. 4150

Bottom Recorder Depth (Outside) 4252 ft. Recorder Number 13550 Cap. 4175

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

Drilling Contractor Discovery Drilling rig 1 Drill Collar Length — I. D. —

Mud Type Chemical Viscosity 45 Weight Pipe Length — I. D. —

Weight 9.3 Water Loss 10.8 cc. Drill Pipe Length 4221 I. D. 3.8

Chlorides 1800 P.P.M. Test Tool Length 25 ft. Tool Size 5 1/2

Jars: Make WTC Serial Number 422 Anchor Length 70 ft. Size 5 1/2

Did Well Flow? — Reversed Out — Surface Choke Size 3/4 in. Bottom Choke Size 3/4

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X 1

Blow: IF - Strong Blow in Lamin

FF - Weak building to a Good Blow 1/2" to 6 1/2" Blow

Recovered 180 ft. of Slightly oil cut muddy WATER 1% oil 40% mud 59% WATER

Recovered 240 ft. of Slightly oil cut muddy WATER 1% oil 25% mud 74% WATER

Recovered 120 ft. of Muddy WATER w/ scum of oil

Recovered 420 ft. of WATER w/ scum of oil

Recovered 480 ft. of WATER

Chlorides: 27000 P.P.M. Sample Jars used 6 Remarks: —

Time On Location 1:15 A.M. Time Pick Up Tool 2:50 A.M. Time Off Location 10:05 P.M.

Time Set Packer(s) 5:00 A.M. Time Started Off Bottom 7:00 A.M. Maximum Temperature 119

Initial Hydrostatic Pressure (A) 2108 P.S.I.

Initial Flow Period Minutes 30 (B) 281 P.S.I. to (C) 603 P.S.I.

Initial Closed In Period Minutes 30 (D) 697 P.S.I.

Final Flow Period Minutes 30 (E) 655 P.S.I. to (F) 697 P.S.I.

Final Closed In Period Minutes 30 (G) 707 P.S.I.

Final Hydrostatic Pressure (H) 2066 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Daniel Debra
Signature of Customer or his authorized representative

Western Representative Ray Schwager Thank you

FIELD INVOICE

- Open Hole Test ✓
- Misrun \$
- Straddle Test \$
- Jars ✓
- Selective Zone \$
- Safety Joint ✓
- Standby \$
- Evaluation \$
- Extra Packer \$
- Circ. Sub. \$
- Mileage \$
- Fluid Sampler \$
- Extra Charts \$
- Insurance \$
- Telecopier \$

DST REPORT

GENERAL INFORMATION

DATE : 4/6/95	TICKET : 20721
CUSTOMER : NATIONAL PETROLEUM RESERV	LEASE : STORMONT
WELL : #1 TEST: 2	GEOLOGIST: DEBOIS
ELEVATION: 2770 KB	FORMATION: LANSING K
SECTION : 27	TOWNSHIP : 19S
RANGE : 28W COUNTY: LANE	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4292.00 ft	TO: 4329.00 ft	TVD: 4329.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 4295.0 ft	4298.0 ft	
TEMPERATURE: 119.0		
DRILL COLLAR LENGTH: 0.0 ft	I.D.: 0.000 in	
WEIGHT PIPE LENGTH : 0.0 ft	I.D.: 0.000 in	
DRILL PIPE LENGTH : 4267.0 ft	I.D.: 3.800 in	
TEST TOOL LENGTH : 25.0 ft	TOOL SIZE : 5.500 in	
ANCHOR LENGTH : 37.0 ft	ANCHOR SIZE: 5.500 in	
SURFACE CHOKE SIZE : 0.750 in	BOTTOM CHOKE SIZE: 0.750 in	
MAIN HOLE SIZE : 7.875 in	TOOL JOINT SIZE : 4.5XH	
PACKER DEPTH: 4287.0 ft	SIZE: 6.630 in	
PACKER DEPTH: 4292.0 ft	SIZE: 6.630 in	
PACKER DEPTH: 0.0 ft	SIZE: 0.000 in	
PACKER DEPTH: 0.0 ft	SIZE: 0.000 in	

MUD INFORMATION

DRILLING CON. : DISCOVERY DLRG RIG 1	VISCOSITY : 46.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 9.600 cc
WEIGHT : 9.300 ppg	SERIAL NUMBER: 422
CHLORIDES : 2000 ppm	REVERSED OUT?: NO
JARS-MAKE : WTC	
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 1 MINUTE.
FINAL FLOW PERIOD STRONG BLOW IN 10 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
90.0	1.0	0.0	69.0	30.0	SLI. OIL CUT MUDDY WATER
180.0	0.0	0.0	85.0	15.0	MUDDY WATER W/SCUM OF OIL
120.0	0.0	0.0	100.0	0.0	WATER W/SCUM OF OIL
1020.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 28000 PPM

RATE INFORMATION

OIL VOLUME:	0.0126 STB	TOTAL FLOW TIME:	30.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.8656 STB/D
MUD VOLUME:	0.7574 STB	AVERAGE WATER RATE:	948.4381 STB/D
WATER VOLUME:	19.0071 STB		
TOTAL FLUID :	19.7772 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2170.00

Description	Duration	p1	p End
INITIAL FLOW	20.00	354.00	583.00
INITIAL SHUT-IN	15.00		697.00
FINAL FLOW	15.00	624.00	676.00
FINAL SHUT-IN	15.00		707.00

FINAL HYDROSTATIC PRESSURE: 2139.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2194.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	352.00	593.00
INITIAL SHUT-IN	15.00		720.00
FINAL FLOW	15.00	646.00	695.00
FINAL SHUT-IN	18.00		727.00

FINAL HYDROSTATIC PRESSURE: 2194.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 4/6/95	TICKET : 20721
CUSTOMER : NATIONAL PETROLEUM RESERV	LEASE : STORMONT
WELL : #1 TEST: 2	GEOLOGIST: DEBOIS
ELEVATION: 2770 KB	FORMATION: LANSING K
SECTION : 27	TOWNSHIP : 19S
RANGE : 28W COUNTY: LANE	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	352.00	352.00
5.00	464.00	112.00
10.00	534.00	70.00
15.00	593.00	59.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	695.00	695.00	6.00
6.00	707.00	12.00	3.50
9.00	715.00	8.00	2.67
12.00	718.00	3.00	2.25
15.00	720.00	2.00	2.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	646.00	646.00
5.00	653.00	7.00
10.00	676.00	23.00
15.00	695.00	19.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	717.00	717.00	6.00
6.00	722.00	5.00	3.50
9.00	725.00	3.00	2.67
12.00	727.00	2.00	2.25
15.00	727.00	0.00	2.00
18.00	727.00	0.00	1.83

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	722.00	722.00
7.00	713.00	9.00
10.00	708.00	14.00
18.00	713.00	14.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	692.00	692.00	6.00
6.00	707.00	15.00	3.50
9.00	712.00	20.00	2.67
12.00	715.00	23.00	2.25
15.00	717.00	25.00	2.00
18.00	717.00	25.00	1.83

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	642.00	642.00
2.00	623.00	19.00
10.00	628.00	14.00
18.00	642.00	14.00



P. O. BOX 1599 PHONE (316) 262-5861
 WICHITA, KANSAS 67201

FORMATION TESTING

TICKET No 20721

Elevation 2762 GL 2770 KB Formation Lansing "K" Eff. Pay

District GREAT Bend Date 4-6-95 Customer Order No.

COMPANY NAME NATIONAL Petroleum Reserves, Inc.

ADDRESS 250 N. Rock Rd. #340 WICHITA, Ks, 67206

LEASE AND WELL NO. STORMONT #1 COUNTY LANE STATE Ks Sec. 27 Twp. 19 Rge. 2

Mail Invoice To SAME Co. Name Address No. Copies Requested Reg

Mail Charts To SAME Address No. Copies Requested Reg

Formation Test No. 2 Interval Tested From 4292 ft. to 4329 ft. Total Depth 4329 ft.

Packer Depth 4287 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4292 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4295 ft. Recorder Number 10270 Cap. 4150

Bottom Recorder Depth (Outside) 4298 ft. Recorder Number 13550 Cap. 4125

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

Drilling Contractor Discovery Drilling 1 Drill Collar Length - I. D. -

Mud Type Chemical Viscosity 46 Weight Pipe Length - I. D. -

Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 4267 I. D. 3.8

Chlorides 2000 P.P.M. Test Tool Length 25 ft. Tool Size 5 1/2

Jars: Make WTC Serial Number 422 Anchor Length 37 ft. Size 5 1/2

Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x H

Blow: IF - STRONG Blow in 1 min FF - STRONG Blow in 10 min

Recovered 90 ft. of Slightly oil cut muddy water 1% oil 30% mud 69% water

Recovered 180 ft. of muddy water w/ some oil 15% mud 85% water

Recovered 120 ft. of WATER w/ some oil

Recovered 1020 ft. of WATER

Chlorides 28000 P.P.M. Sample Jars used 5 Remarks:

Time On Location 3:00 P.M. Time Pick Up Tool 4:05 P.M. Time Off Location 9:30

Time Set Packer(s) 5:30 P.M. Time Started Off Bottom 6:35 P.M. Maximum Temperature 119

Initial Hydrostatic Pressure (A) 2170 P.S.I.

Initial Flow Period Minutes 20 (B) 354 P.S.I. to (C) 583 P.S.I.

Initial Closed In Period Minutes 15 (D) 697 P.S.I.

Final Flow Period Minutes 15 (E) 624 P.S.I. to (F) 676 P.S.I.

Final Closed In Period Minutes 15 (G) 707 P.S.I.

Final Hydrostatic Pressure (H) 2139 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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.

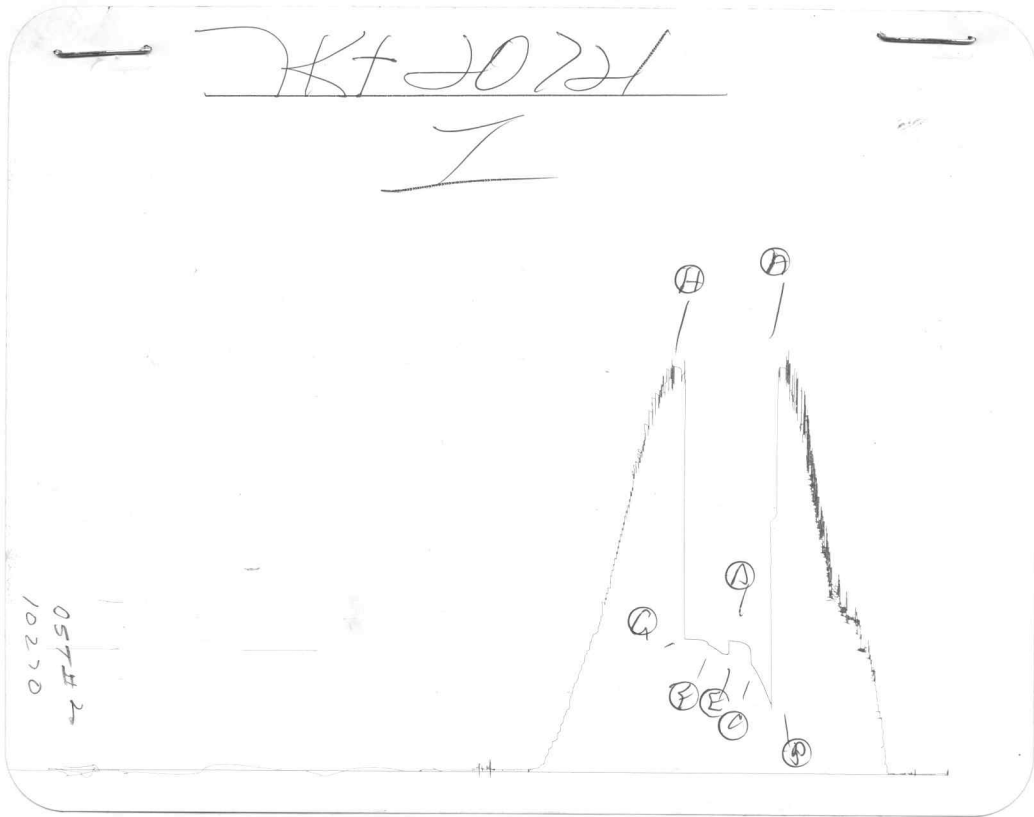
All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

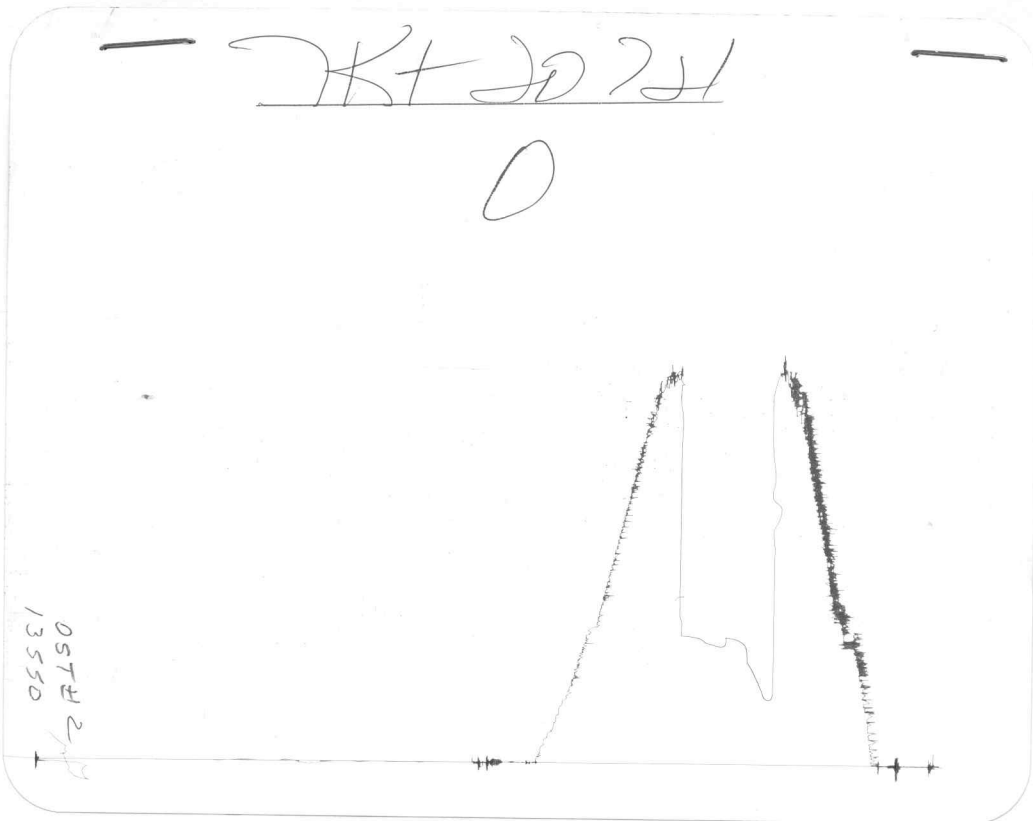
Western Representative. Ray Schwager Thank you

FIELD INVOICE

Open Hole Test	\$
Misrun	\$
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$
Fluid Sampler	\$
Extra Charts	\$
Insurance	\$



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE	: 4/7/95	TICKET	: 20722
CUSTOMER	: NATIONAL PETROLEUM RESERV	LEASE	: STORMONT
WELL	: #1 TEST: 3	GEOLOGIST	: DEBOIS
ELEVATION	: 2770 KB	FORMATION	: KANSAS CITY
SECTION	: 27	TOWNSHIP	: 19S
RANGE	: 28W COUNTY: LANE	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4342.00 ft	TO:	4365.00 ft	TVD:	4365.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE:	OIL		
DEPTH OF RECORDERS:	4357.0 ft		4360.0 ft		
TEMPERATURE:	117.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in		
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	4317.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	25.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	23.0 ft	ANCHOR SIZE:	5.500 in		
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in		
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH		
PACKER DEPTH:	4337.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	4342.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		

MUD INFORMATION

DRILLING CON. :	DISCOVERY DLRG RIG 1	VISCOSITY :	50.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	10.800 cc
WEIGHT :	9.300 ppg	SERIAL NUMBER:	422
CHLORIDES :	2000 ppm	REVERSED OUT?:	NO
JARS-MAKE :	WTC		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK BLOW DIED IN 13 MINUTES. FINAL FLOW PERIOD NO BLOW - FLUSHED TOOL

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
1.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	30.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.0140	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0140	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2149.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	31.00	31.00
INITIAL SHUT-IN	15.00		31.00
FINAL FLOW	15.00	31.00	31.00
FINAL SHUT-IN	15.00		31.00

FINAL HYDROSTATIC PRESSURE: 2149.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2210.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	35.00	35.00
INITIAL SHUT-IN	15.00		35.00
FINAL FLOW	15.00	35.00	37.00
FINAL SHUT-IN	18.00		37.00

FINAL HYDROSTATIC PRESSURE: 2158.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 4/7/95	TICKET : 20722
CUSTOMER : NATIONAL PETROLEUM RESERV	LEASE : STORMONT
WELL : #1 TEST: 3	GEOLOGIST: DEBOIS
ELEVATION: 2770 KB	FORMATION: KANSAS CITY
SECTION : 27	TOWNSHIP : 19S
RANGE : 28W COUNTY: LANE	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	35.00	35.00
5.00	35.00	0.00
10.00	35.00	0.00
15.00	35.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	35.00	35.00	0.00
6.00	35.00	0.00	0.00
9.00	35.00	0.00	0.00
12.00	35.00	0.00	0.00
15.00	35.00	0.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	35.00	35.00
5.00	35.00	0.00
10.00	47.00	12.00
15.00	37.00	-10.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	37.00	37.00	0.00
6.00	37.00	0.00	0.00
9.00	37.00	0.00	0.00
12.00	37.00	0.00	0.00
15.00	37.00	0.00	0.00
18.00	37.00	0.00	0.00

INITIAL FLOW

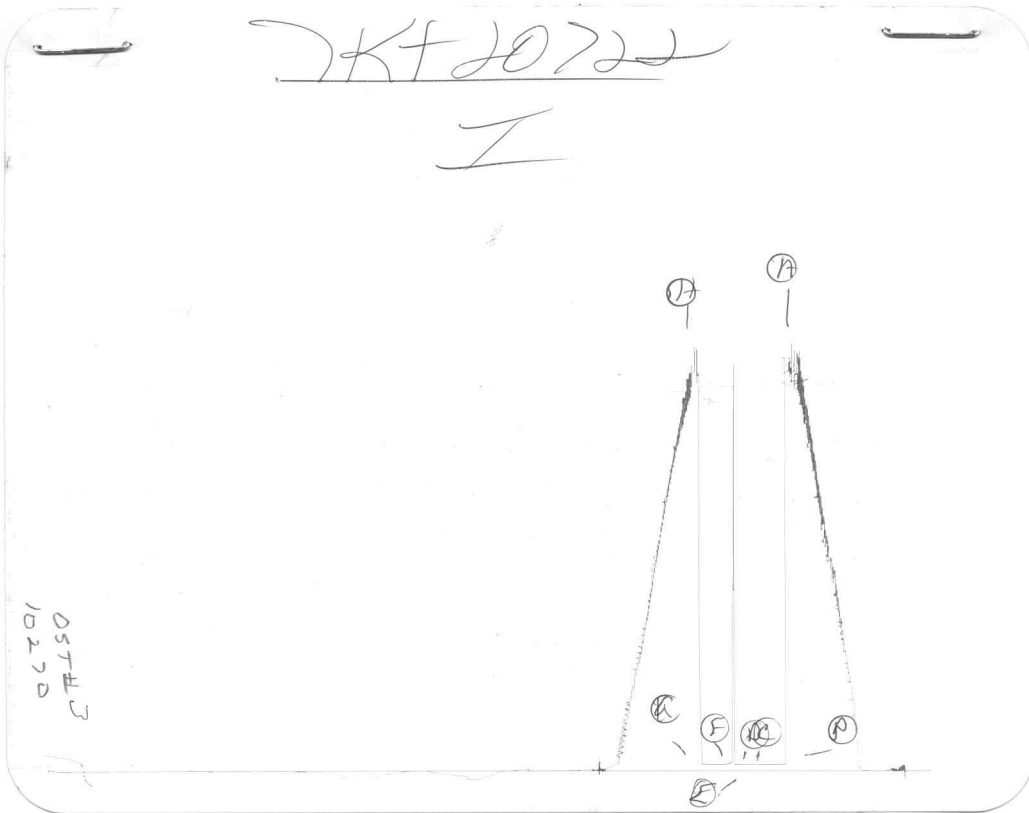
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	37.00	37.00
3.00	37.00	0.00
6.00	37.00	0.00
9.00	37.00	0.00
12.00	37.00	0.00
15.00	37.00	0.00
18.00	37.00	0.00

INITIAL SHUT IN

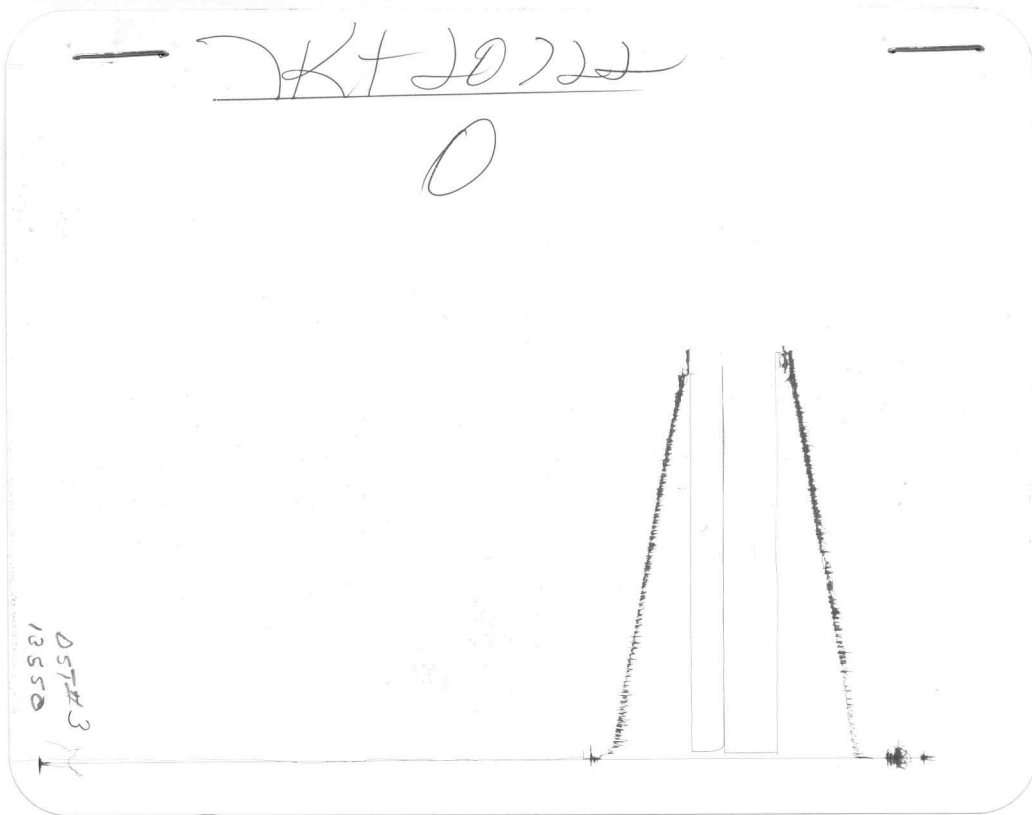
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	37.00	37.00	0.00
6.00	37.00	0.00	0.00
9.00	37.00	0.00	0.00
12.00	37.00	0.00	0.00
15.00	37.00	0.00	0.00
18.00	37.00	0.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	37.00	37.00
3.00	37.00	0.00
6.00	37.00	0.00
9.00	37.00	0.00
12.00	37.00	0.00
15.00	37.00	0.00
18.00	37.00	0.00



Inside Recorder



Outside Recorder



P. O. BOX 1599 PHONE (316) 262-5861
 WICHITA, KANSAS 67201

FORMATION TESTING

TICKET No. ²⁰⁰ 20722

Elevation 2762 GL 2770 KB Formation K.C. Eff. Pay —

District GREAT Bend Date 4-7-95 Customer Order No. —

COMPANY NAME NATIONAL Petroleum Reserves, Inc

ADDRESS 250 N. Rock Rd. #340 Wichita, KS 67206

LEASE AND WELL NO. STORMONT #1 COUNTY LANE STATE Ks Sec. 27 Twp 19S Rge. 2

Mail Invoice To SAME Co. Name Address No. Copies Requested Reg

Mail Charts To SAME Address No. Copies Requested Reg

Formation Test No. 337 Interval Tested From 4343 ft. to 4365 ft. Total Depth 4365 ft.

Packer Depth 4338 ft. Size 6 5/8 in. 4345 Packer Depth — ft. Size — in.

Packer Depth 4343 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4357 ft. Recorder Number 10270 Cap. 4150

Bottom Recorder Depth (Outside) 4360 ft. Recorder Number 13550 Cap. 4175

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

Drilling Contractor Discovery Delg rig 1 Drill Collar Length — I. D. —

Mud Type CHEMICAL Viscosity 50 Weight Pipe Length — I. D. —

Weight 9.3 Water Loss 10.8 cc. 7.2 Drill Pipe Length 4318 4317 I. D. 3.8

Chlorides 2000 P.P.M. Test Tool Length 25 ft. Tool Size 5 1/2

Jars: Make WTC Serial Number 422 Anchor Length 23 23 ft. Size 5 1/2

Did Well Flow? — Reversed Out — Surface Choke Size 3/4 in. Bottom Choke Size 3/4

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X 1 1/2

Blow: IF - Very Weak Blow died in 13 min

FF - NO Blow Flashed Tool

Recovered 1 ft. of Mud

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Chlorides — P.P.M. Sample Jars used 1 Remarks: —

Time On Location 6:15 ^{A.M.} P.M. Time Pick Up Tool 7:10 ^{A.M.} P.M. Time Off Location —

Time Set Packer(s) 8:45 ^{A.M.} P.M. Time Started Off Bottom 9:45 ^{A.M.} P.M. Maximum Temperature 117

Initial Hydrostatic Pressure (A) 2149 P.S.I.

Initial Flow Period Minutes 15 (B) 31 P.S.I. to (C) 31 P.S.I.

Initial Closed In Period Minutes 15 (D) 31 P.S.I.

Final Flow Period Minutes 15 (E) 31 P.S.I. to (F) 31 P.S.I.

Final Closed In Period Minutes 15 (G) 31 P.S.I.

Final Hydrostatic Pressure (H) 2149 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By David DeBor
 Signature of Customer or his authorized representative

Western Representative Ray Schwager THANK YOU

FIELD INVOICE

Open Hole Test ✓
 Misrun \$
 Straddle Test \$
 Jars ✓
 Selective Zone \$
 Safety Joint ✓
 Standby \$
 Evaluation \$
 Extra Packer \$
 Circ. Sub. \$
 Mileage \$
 Fluid Sampler \$
 Extra Charts \$
 Insurance \$