

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Tony Klepper 4-1 Dst 2

TIME ON: 02:30

TIME OFF: 08:41

Company K & N Petroleum Lease & Well No. Tony Klepper 4-1
Contractor Southwind Drilling Rig 6 Charge to K & N Petroleum
Elevation KB 1797 Formation Doug/Snd & Lan "A-C" Effective Pay _____ Ft. Ticket No. RR022
Date 04/12/2014 Sec. 4 Twp. 19 S Range 11 W County Barton State KANSAS
Test Approved By _____ Diamond Representative Ricky Ray

Formation Test No. 2 Interval Tested from 2986 ft. to 3135 ft. Total Depth 3135 ft.

Packer Depth 2981 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 2986 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2966 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3112 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 45 Drill Collar Length _____ ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.

Chlorides 4000 P.P.M. Drill Pipe Length 2953 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NA Reversed Out NA Anchor Length 149A (24P) ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow Built to 2 1/4" in 30 mins NOBB

2nd Open: 1/4" Blow Built to 1 1/4" in 45 mins NOBB

Recovered 39 ft. of MUD 100% M (few oil specks)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of PH: 9

Recovered _____ ft. of RW: .36 @ 61 degrees F

Price Job

Recovered _____ ft. of CHLORIDES: 20,000 ppm

Other Charges

Remarks: _____

Insurance

TOOL SAMPLE: 1% O 25% W 74% M

Total

Time Set Packer(s) 4:12 AM A.M. P.M. Time Started Off Bottom 6:42 AM A.M. P.M. Maximum Temperature 97

Initial Hydrostatic Pressure..... (A) 1403 P.S.I.

Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 624 P.S.I.

Final Flow Period..... Minutes 45 (E) 22 P.S.I. to (F) 29 P.S.I.

Final Closed In Period..... Minutes 45 (G) 588 P.S.I.

Final Hydrostatic Pressure..... (H) 1393 P.S.I.

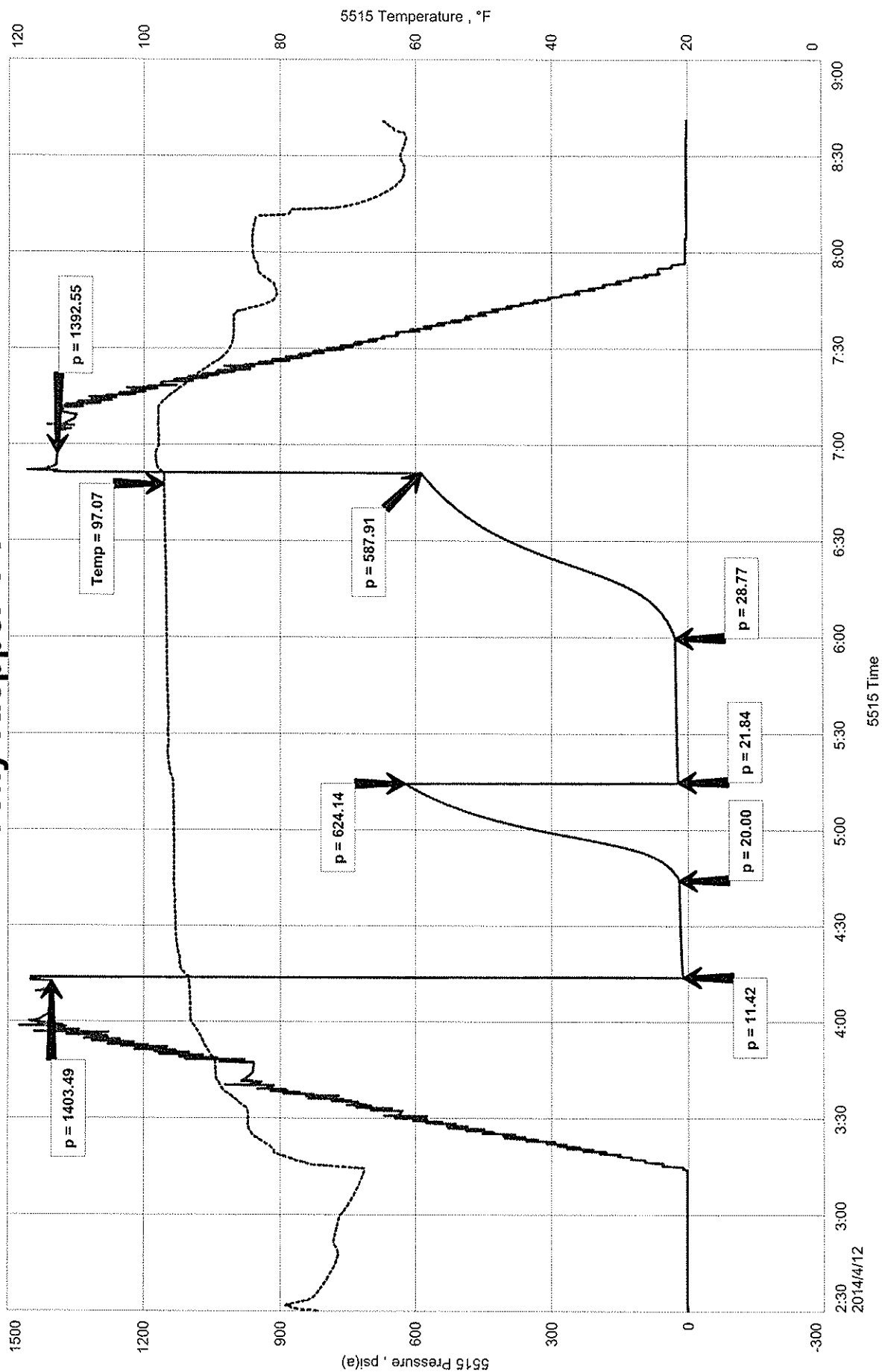
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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

K & N Petroleum
 Dst 2 Doug/Snd & Lan "A-C" (2986-3135)
 Start Test Date: 2014/04/12
 Final Test Date: 2014/04/12

Tony Klepper 4-1

Tony Klepper 4-1

Formation: Dst 2 Doug/Snd & Lan "A-C" (2986-3135)
 Pool: Infield
 Job Number: RR021



Diamond Testing

General information Report

General Information

Company Name K & N Petroleum

Contact	Ed Nemnich		
Well Name	Tony Klepper 4-1	Job Number	RR021
Unique Well ID	Dst 2 Doug/Snd & Lan "A-C" (2986-3135)	Representative	Ricky Ray
Surface Location	Sec: 4s-19r-11w (Barton County)	Well Operator	Ed Nemnich
Well License Number		Report Date	2014/04/12
Field	Unknown	Prepared By	Ricky Ray
Well Type	Vertical		

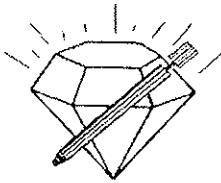
Test Type	Drill Stem Test		
Formation	Dst 2 Doug/Snd & Lan "A-C" (2986-3135)		
Well Fluid Type	01 Oil	Start Test Time	02:30:00
		Final Test Time	08:41:00
Start Test Date	2014/04/12		
Final Test Date	2014/04/12		
Gauge Name	5515		
Gauge Serial Number			

Test Results

RECOVERY:
39' MUD 100% M (few oil specks)

PH: 9
RW: .36 @ 61 degrees F
Chlorides: 20,000 ppm

TOOL SAMPLE:
1% O 25% W 74% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Tony Klepper 4-1 Dst 3

TIME ON: 02:30

TIME OFF: 07:11

Company K & N Petroleum Lease & Well No. Tony Klepper 4-1
Contractor Southwind Drilling Rig 6 Charge to K & N Petroleum
Elevation KB 1797 Formation LKC "HIJ" Effective Pay Ft. Ticket No. RR023
Date 04/13/2014 Sec. 4 Twp. 19 S Range 11 W County Barton State KANSAS
Test Approved By Diamond Representative Ricky Ray

Formation Test No. 3 Interval Tested from 3228 ft. to 3310 ft. Total Depth 3310 ft.

Packer Depth 3223 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Packer Depth 3228 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3308 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3296 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.

Mud Type Chem Viscosity 44 Drill Collar Length ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 10.8 cc. Weight Pipe Length ft. I.D. 2 7/8 in.

Chlorides 6000 P.P.M. Drill Pipe Length 3195 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NA Reversed Out NA Anchor Length 82A (19.5P) ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow Built to 6 1/4 in 30 mins NOBB

2nd Open: WSB Built to 6 1/4 in 45 min NOBB

Recovered 129 ft. of HWCM 65%W 35% M

Recovered 129 ft. of Total Fluid

Recovered ft. of

Recovered ft. of

Recovered ft. of Ph:9 RW: .29 @ 61 Deg

Price Job

Recovered ft. of Chlorides: 26000 PPM

Other Charges

Remarks:

Insurance

TOOL SAMPLE: 1%O 89% W 10% M

Total

Time Set Packer(s) 2:54 AM A.M. P.M. Time Started Off Bottom 5:24 AM A.M. P.M. Maximum Temperature 104

Initial Hydrostatic Pressure (A) 1528 P.S.I.

Initial Flow Period Minutes 30 (B) 12 P.S.I. to (C) 40 P.S.I.

Initial Closed In Period Minutes 30 (D) 706 P.S.I.

Final Flow Period Minutes 45 (E) 43 P.S.I. to (F) 73 P.S.I.

Final Closed In Period Minutes 45 (G) 685 P.S.I.

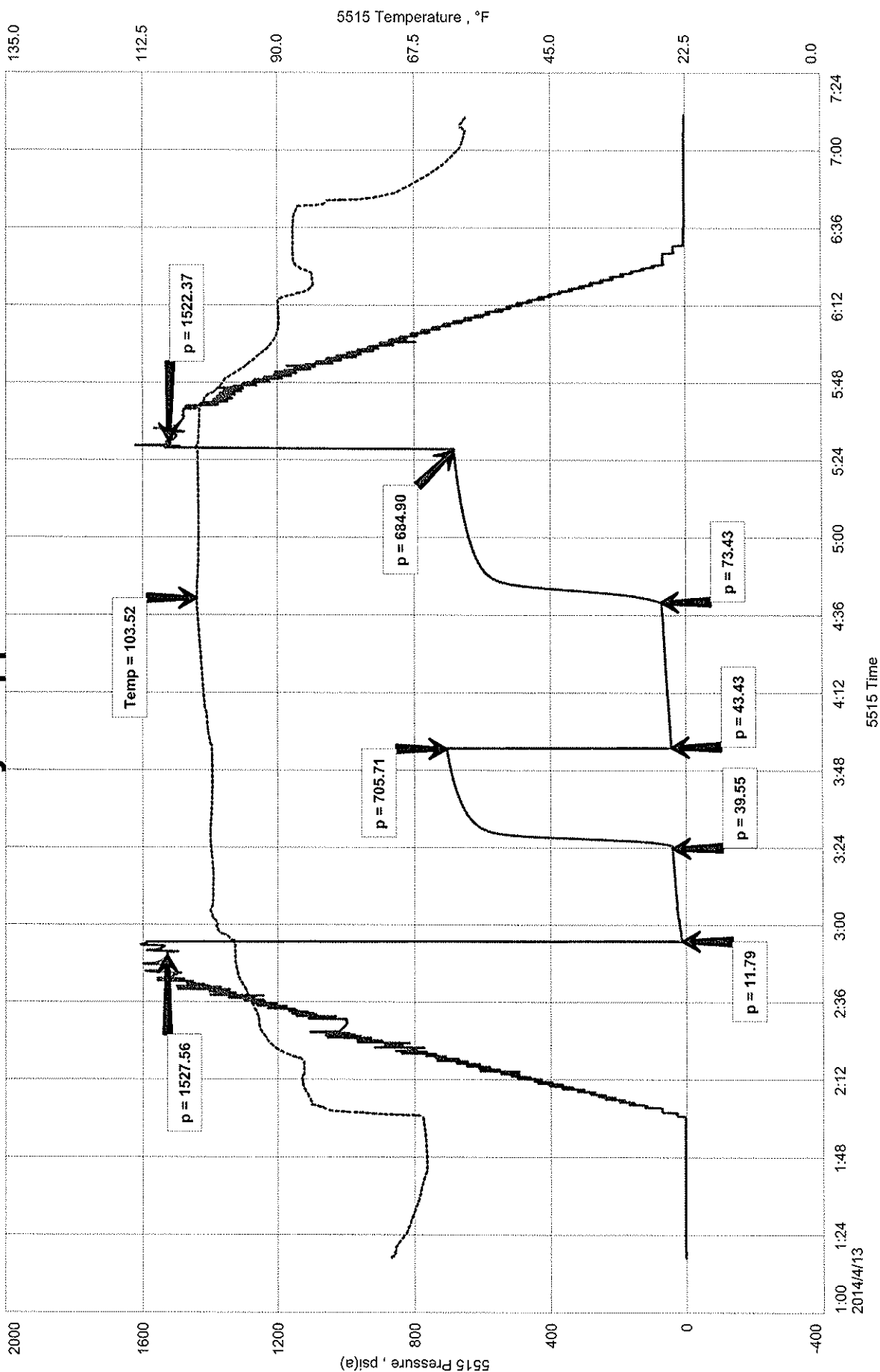
Final Hydrostatic Pressure (H) 1522 P.S.I.

Diamond Testing 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, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Tony Klepper 4-1
 Formation: Dst 3 LKC "HIJ" (3228-3310)
 Pool: Infield
 Job Number: RR023

K & N Petroleum
 Dst 3 LKC "HIJ" (3228-3310)
 Start Test Date: 2014/04/13
 Final Test Date: 2014/04/13

Tony Klepper 4-1



Diamond Testing

General information Report

General Information

Company Name K & N Petroleum

Contact	Ed Nemnich	Job Number	RR023
Well Name	Tony Klepper 4-1	Representative	Ricky Ray
Unique Well ID	Dst 3 LKC "HIJ" (3228-3310)	Well Operator	K & N Petroleum
Surface Location	Sec: 4s-19s-11r (Barton County)	Report Date	2014/04/13
Well License Number		Prepared By	Ricky Ray
Field	unknown		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	Dst 3 LKC "HIJ" (3228-3310)	Start Test Time	01:17:00
Well Fluid Type	01 Oil	Final Test Time	07:11:00
Start Test Date	2014/04/13		
Final Test Date	2014/04/13		
Gauge Name	5515		
Gauge Serial Number			

Test Results

Recovery:

129'	HWCM	65% w	35% M
129'	Total Fluid		

Ph: 9
RW: .29 @ 61 Deg
Chlorides: 26000 PPM

Tool Sample: 1%O 89%W 10%M

TIME OFF: 4-14 03:20

Company K & N Petroleum Lease & Well No. Tony Klepper 4-1
Contractor Southwind Drilling Rig 6 Charge to K & N Petroleum
Elevation KB 1797 Formation Penn Cong Effective Pay _____ Ft. Ticket No. SO443
Date 04/13/2014 Sec. 4 Twp. 19 S Range 11 W County Barton State KANSAS
Test Approved By _____ Diamond Representative Jacob McCallie

Formation Test No. 4 Interval Tested from 3330 ft. to 3423 ft. Total Depth 3423 ft.

Packer Depth 3325 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3330 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3311 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3396 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I. _____

Mud Type Chem Viscosity 48 Drill Collar Length -- ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.

Chlorides _____ 9,000 P.P.M. Drill Pipe Length 3297 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NA Reversed Out NA Anchor Length 93 (30.5a) ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 Xh in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow- Built to 2 1/4" in 30 min NOBB

2nd Open: WSB- Built to 3/4" in 45 min NOBB

Recovered 30 ft. of SLWCM 2% W 98% M (few oil specks)

Recovered ft. of

Recovered	ft. of
100	100
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000
1100	1100
1200	1200
1300	1300
1400	1400
1500	1500
1600	1600
1700	1700
1800	1800
1900	1900
2000	2000
2100	2100
2200	2200
2300	2300
2400	2400
2500	2500
2600	2600
2700	2700
2800	2800
2900	2900
3000	3000
3100	3100
3200	3200
3300	3300
3400	3400
3500	3500
3600	3600
3700	3700
3800	3800
3900	3900
4000	4000
4100	4100
4200	4200
4300	4300
4400	4400
4500	4500
4600	4600
4700	4700
4800	4800
4900	4900
5000	5000
5100	5100
5200	5200
5300	5300
5400	5400
5500	5500
5600	5600
5700	5700
5800	5800
5900	5900
6000	6000
6100	6100
6200	6200
6300	6300
6400	6400
6500	6500
6600	6600
6700	6700
6800	6800
6900	6900
7000	7000
7100	7100
7200	7200
7300	7300
7400	7400
7500	7500
7600	7600
7700	7700
7800	7800
7900	7900
8000	8000
8100	8100
8200	8200
8300	8300
8400	8400
8500	8500
8600	8600
8700	8700
8800	8800
8900	8900
9000	9000
9100	9100
9200	9200
9300	9300
9400	9400
9500	9500
9600	9600
9700	9700
9800	9800
9900	9900
10000	10000

Recovered	ft. of
-----------	--------

Recovered	ft. of
-----------	--------

Recovered	ft. of
100	100
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000
1100	1100
1200	1200
1300	1300
1400	1400
1500	1500
1600	1600
1700	1700
1800	1800
1900	1900
2000	2000
2100	2100
2200	2200
2300	2300
2400	2400
2500	2500
2600	2600
2700	2700
2800	2800
2900	2900
3000	3000
3100	3100
3200	3200
3300	3300
3400	3400
3500	3500
3600	3600
3700	3700
3800	3800
3900	3900
4000	4000
4100	4100
4200	4200
4300	4300
4400	4400
4500	4500
4600	4600
4700	4700
4800	4800
4900	4900
5000	5000
5100	5100
5200	5200
5300	5300
5400	5400
5500	5500
5600	5600
5700	5700
5800	5800
5900	5900
6000	6000
6100	6100
6200	6200
6300	6300
6400	6400
6500	6500
6600	6600
6700	6700
6800	6800
6900	6900
7000	7000
7100	7100
7200	7200
7300	7300
7400	7400
7500	7500
7600	7600
7700	7700
7800	7800
7900	7900
8000	8000
8100	8100
8200	8200
8300	8300
8400	8400
8500	8500
8600	8600
8700	8700
8800	8800
8900	8900
9000	9000
9100	9100
9200	9200
9300	9300
9400	9400
9500	9500
9600	9600
9700	9700
9800	9800
9900	9900
10000	10000

Remarks:

Price Job

Other Charges

Insurance

TOOL SAMPLE: 3% W 97% M (few oil specks)

Total

Time Set Packer(s) 4-13 10:34 PM A.M.
P.M. Time Started Off Bottom 4-14 1:34 AM A.M.
P.M. Maximum Temperature 103

Initial Hydrostatic Pressure..... (A) 1591 P.S.I.

Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 21 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 708 P.S.I.

Final Flow Period..... Minutes 45 (E) 20 P.S.I. to (F) 24 P.S.I.

Final Closed In Period.....Minutes 60 (G) 564 P.S.I.

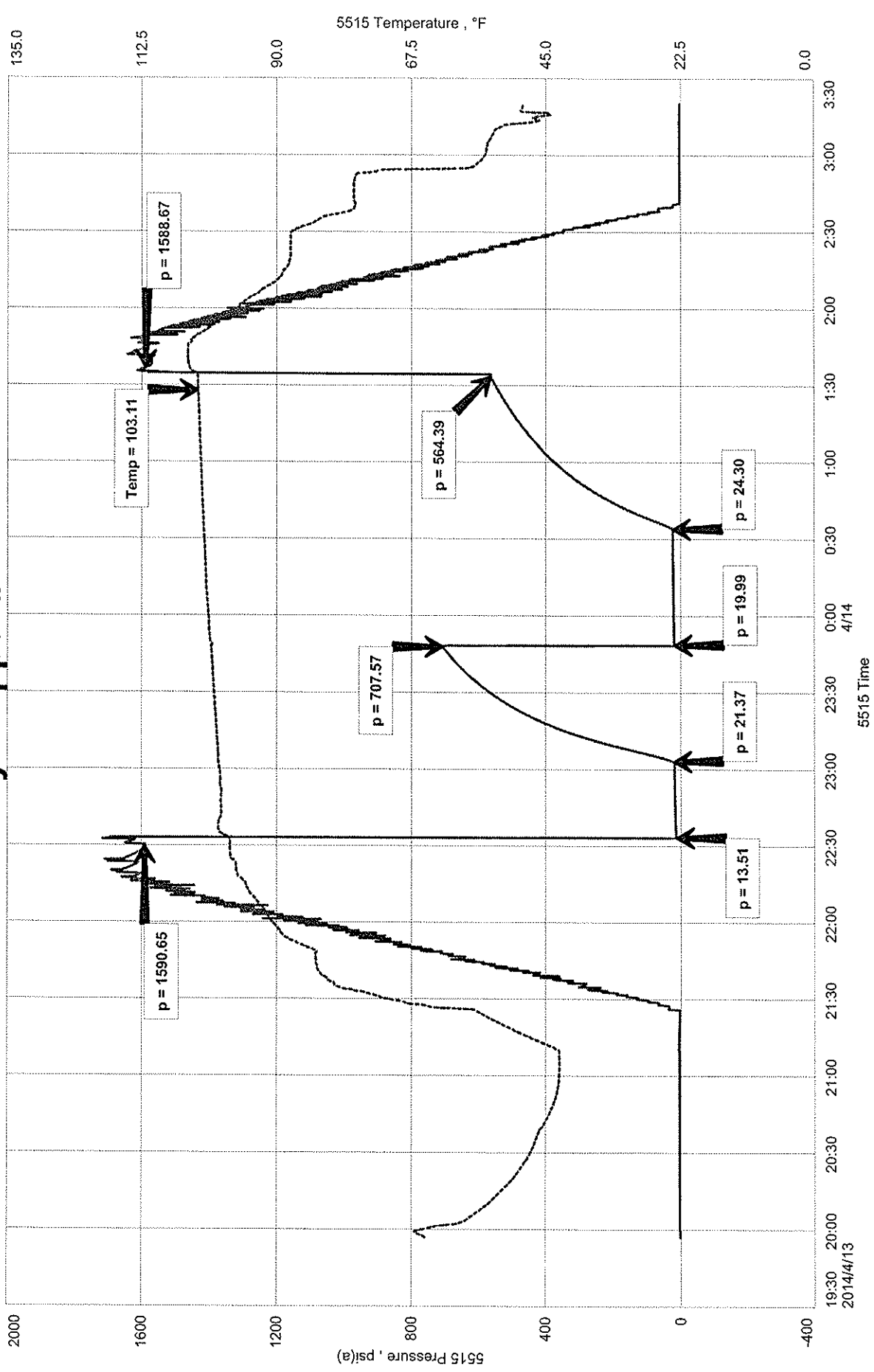
Final Hydrostatic Pressure..... (H) 1589 P.S.I.

Diamond Testing 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, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

K & N Petroleum
 DST #4 Penn Cong 3330-3423'
 Start Test Date: 2014/04/13
 Final Test Date: 2014/04/14

Tony Klepper #4-1

Tony Klepper #4-1
 Formation: DST #4 Penn Cong 3330-3423'
 Pool: Infield
 Job Number: S0443



Diamond Testing

General information Report

General Information

Company Name K & N Petroleum

Contact	Ed Nemnich	Job Number	S0443
Well Name	Tony Klepper #4-1	Representative	Jacob McCallie
Unique Well ID	DST #4 Penn Cong 3330-3423'	Well Operator	K & N Petroleum
Surface Location	SEC 4-19S-11W Baron County	Report Date	2014/04/13
Well License Number		Prepared By	Jacob McCallie
Field	Unknown		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #4 Penn Cong 3330-3423'		
Well Fluid Type	01 Oil	Start Test Time	19:57:00
		Final Test Time	03:20:00
Start Test Date	2014/04/13		
Final Test Date	2014/04/14		
Gauge Name	5515		
Gauge Serial Number			

Test Results

RECOVERY:
30' SLWCM 2% W 98% M (few oil specks)

TOOL SAMPLE:
3% W 97% M (few oil specks)