CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	1
Well Name & Number	Huck #1	Zone Tested	K.C.
Company Address	Wichita	Date	5-25-78
Comp. Rep.	Jerry Green	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	2165 K.B.
Location: Sec. 31 Twp. 10S Rge. 19W Co. Rooks State Ks.		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3479

(A) Initial Hydrostatic Mud 1772 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 918 PSI

(E) Second Initial Flow Pressure 30 PSI

(F) Second Final Flow Pressure 41 PSI

(G) Final Closed-in Pressure 673 PSI

(H) Final Hydrostatic Mud 1762 PSI

Temperature 104

Mud Weight 9.3 Viscosity 42

Fluid Loss 10.2

Interval Tested 3462-3482

Anchor Length 20

Top Packer Depth 3457

Bottom Packer Depth 3462

Total Depth 3482

Drill Pipe Size 4½ F.H.

Wt. Pipe I. D. 2.7 Ft. Run 352

Recovery—Total Feet 15

Recovered 15 Feet Of slighly oil cut mud.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3476

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 10:15 A.M.

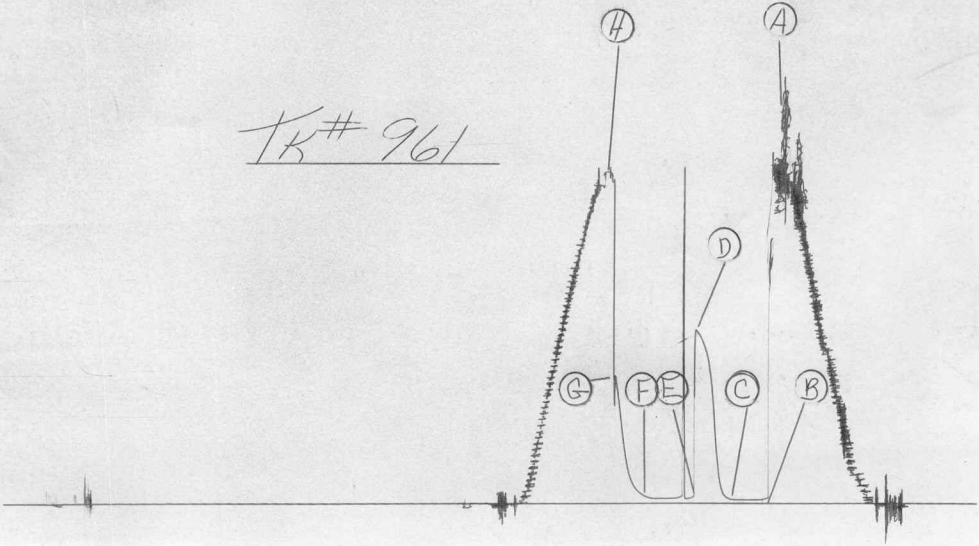
Blow Weak for 15 minutes & died.

Remarks Dead on second open. Flushed tool after 5 minutes second open. Weak blow for 10 minutes & died.

Drill Collar I. D. 2.7 Ft. Run

Extra Equipment none Price of Job $400.00

TK# 961



CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	2
Well Name & Number	Huck #1	Zone Tested	K.C.
Company Address	Wichita	Date	5-26-78
Comp. Rep.	Jerry Green	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	2165 K.B.
Location: Sec. 31 Twp. 10S Rge. 19W Co. Rooks State Ks.		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3524

(A) Initial Hydrostatic Mud 1782 PSI

(B) First Initial Flow Pressure 51 PSI

(C) First Final Flow Pressure 163 PSI

(D) Initial Closed-in Pressure 602 PSI

(E) Second Initial Flow Pressure 193 PSI

(F) Second Final Flow Pressure 306 PSI

(G) Final Closed-in Pressure 581 PSI

(H) Final Hydrostatic Mud 1772 PSI

Temperature 105

Mud Weight 9.4 Viscosity 42

Fluid Loss 12.0

Interval Tested 3480-3527

Anchor Length 47

Top Packer Depth 3475

Bottom Packer Depth 3480

Total Depth 3527

Drill Pipe Size 4½ F.H.

Wt. Pipe I. D. 2.7 Ft. Run 352

Recovery—Total Feet 805

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3521

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 45 Mins.

Flow Period 60 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 11:40 P.M.

Blow Strong throughout.

Remarks

Drill Collar I. D. Ft. Run

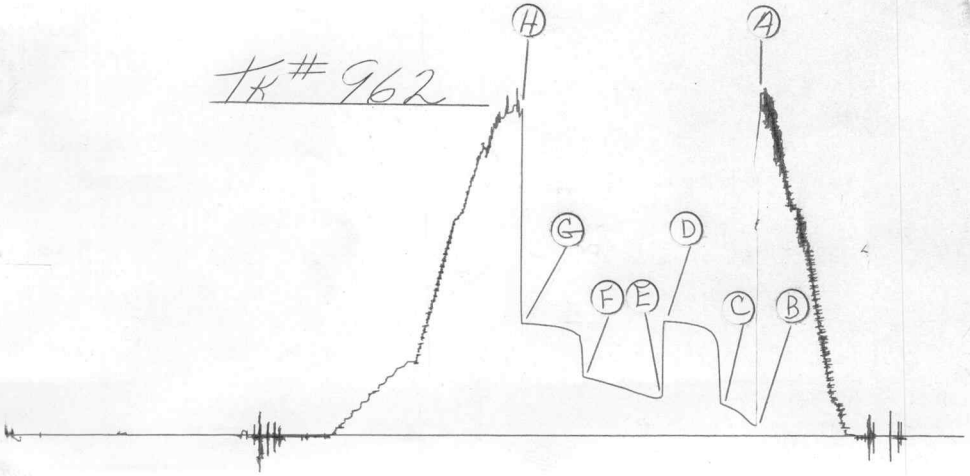
Recovered 435 Feet Of mud cut gassy oil (85% oil 10% water 5% mud)

Recovered 365 Feet Of mud cut gassy oil (75% oil 15% water 10% mud)

Recovered 5 Feet Of water (33.1 gravity)

Recovered 240 Feet Of gas in pipe

Extra Equipment none Price of Job $400.00


Tk # 962
H
A
G
D
F
E
C
B

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	3
Well Name & Number	Huck #1	Zone Tested	K.C.
Company Address	Wichita	Date	5-26-78
Comp. Rep.	Jerry Green	Tester	Kirk Cheney
Contractor	Co.Tools	Elevation	2165 K.B.
Location: Sec. 31 Twp. 10S Rge. 19W	Co. Rooks State Ks.	Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3576

(A) Initial Hydrostatic Mud 1823 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 1101 PSI

(E) Second Initial Flow Pressure 20 PSI

(F) Second Final Flow Pressure 20 PSI

(G) Final Closed-in Pressure 1020 PSI

(H) Final Hydrostatic Mud 1813 PSI

Temperature 106

Mud Weight 9.3 Viscosity 39

Fluid Loss 12.0

Interval Tested 3558-3579

Anchor Length 21

Top Packer Depth 3553

Bottom Packer Depth 3558

Total Depth 3579

Drill Pipe Size 4½ F.H.

Wt. Pipe I. D. 2.7 Ft. Run 352

Recovery—Total Feet 10

Recovered 10 Feet Of mud.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment none

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3573

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 8:20P.M.

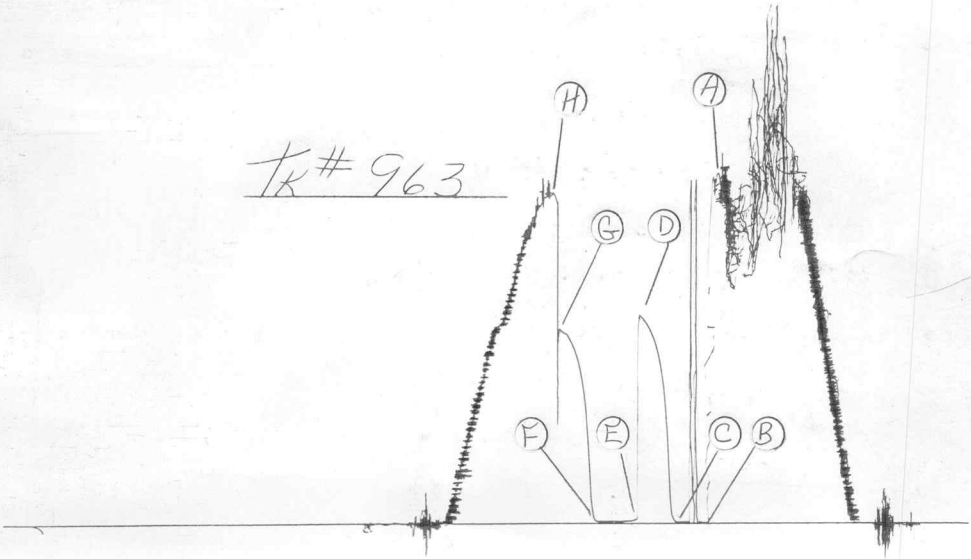
Blow Weak for 10 minutes & died.

Remarks Flushed tool after 15 minutes. No blow.

Drill Collar I. D. Ft. Run

Price of Job $400.00

Tk # 963



CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	4
Well Name & Number	Huck #1	Zone Tested	K.C.
Company Address	Wichita	Date	5-27-78
Comp. Rep.	Jerry Green	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	2155 K.B.
Location: Sec. 31 Twp. 10S Rge. 19W Co. Rooks State Ks.		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3592

(A) Initial Hydrostatic Mud 1834 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 30 PSI

(E) Second Initial Flow Pressure 20 PSI

(F) Second Final Flow Pressure 20 PSI

(G) Final Closed-in Pressure 20 PSI

(H) Final Hydrostatic Mud 1823 PSI

Temperature 106

Mud Weight 9.3 Viscosity 39

Fluid Loss 12.0

Interval Tested 3567-3595

Anchor Length 19

Top Packer Depth 3571

Bottom Packer Depth 3576

Total Depth 3595

Drill Pipe Size 4½F.H.

Wt. Pipe I. D. 2.7 Ft. Run 352

Recovery—Total Feet 5

Recovered 5 Feet Of mud.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment none

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3589

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 9:00 A.M.

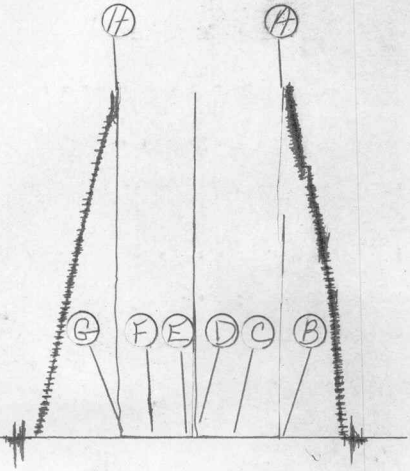
Blow Weak for 20 minutes & died.

Remarks Dead on second open. Flushed tool after 5 minutes. No blow.

Drill Collar I. D. Ft. Run

Price of Job $400.00

TK # 964



CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	5
Well Name & Number	Huck #1	Zone Tested	K.C.
Company Address	Wichita	Date	5-27-78
Comp. Rep.	Jerry Green	Tester	Kirk Cheney
Contractor	Co.Tools	Elevation	2165 K.B.
Location: Sec. 31 Twp. 10S Rge. 19W Co. Rooks State Ks.		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3627

(A) Initial Hydrostatic Mud 1844 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 255 PSI

(E) Second Initial Flow Pressure 20 PSI

(F) Second Final Flow Pressure 20 PSI

(G) Final Closed-in Pressure 336 PSI

(H) Final Hydrostatic Mud 1834 PSI

Temperature 106

Mud Weight 9.3 Viscosity 42

Fluid Loss 8.8

Interval Tested 3593-3630

Anchor Length 37

Top Packer Depth 3588

Bottom Packer Depth 3593

Total Depth 3630

Drill Pipe Size 4½F.H.

Wt. Pipe I. D. 2.7 Ft. Run 352

Recovery—Total Feet 10

Recovered 10 Feet Of mud.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment none

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3624

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 11:45 P.M.

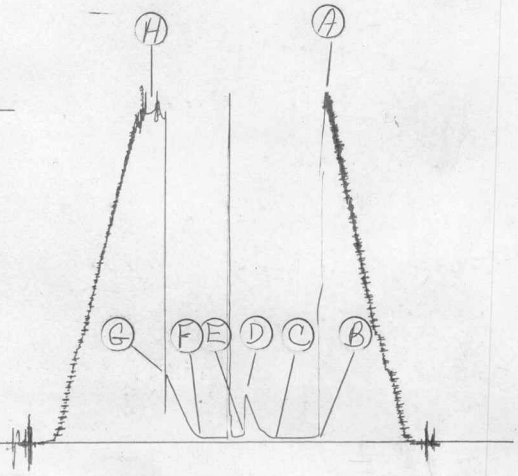
Blow Weak for 20 minutes.

Remarks Dead on second open. Flushed tool after 5 minutes. No blow.

Drill Collar I. D. Ft. Run

Price of Job $400.00

Tk # 965



CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	6
Well Name & Number	Huck #1	Zone Tested	Cong. Sand.
Company Address	Wichita	Date	5-28-78
Comp. Rep.	Jerry Green	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	2165 K.B.
Location: Sec. 31 Twp. 10S Rge. 19W Co. Rooks State Ks.		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3697

(A) Initial Hydrostatic Mud 1885 PSI

(B) First Initial Flow Pressure 30 PSI

(C) First Final Flow Pressure 30 PSI

(D) Initial Closed-in Pressure 357 PSI

(E) Second Initial Flow Pressure 30 PSI

(F) Second Final Flow Pressure PSI

(G) Final Closed-in Pressure 581 PSI

(H) Final Hydrostatic Mud 1875 PSI

Temperature 107

Mud Weight 9.4 Viscosity 42

Fluid Loss 8.8

Interval Tested 3632-3700

Anchor Length 77

Top Packer Depth 3618

Bottom Packer Depth 3623

Total Depth 3700

Drill Pipe Size 4½ F.H.

Wt. Pipe I. D. 2.7 Ft. Run 352

Recovery—Total Feet 10

Recovered 10 Feet Of mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment none

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3694

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 6 3/4"

Rubber Size 7 7/8"

Tool Open @ 3:15 P.M.

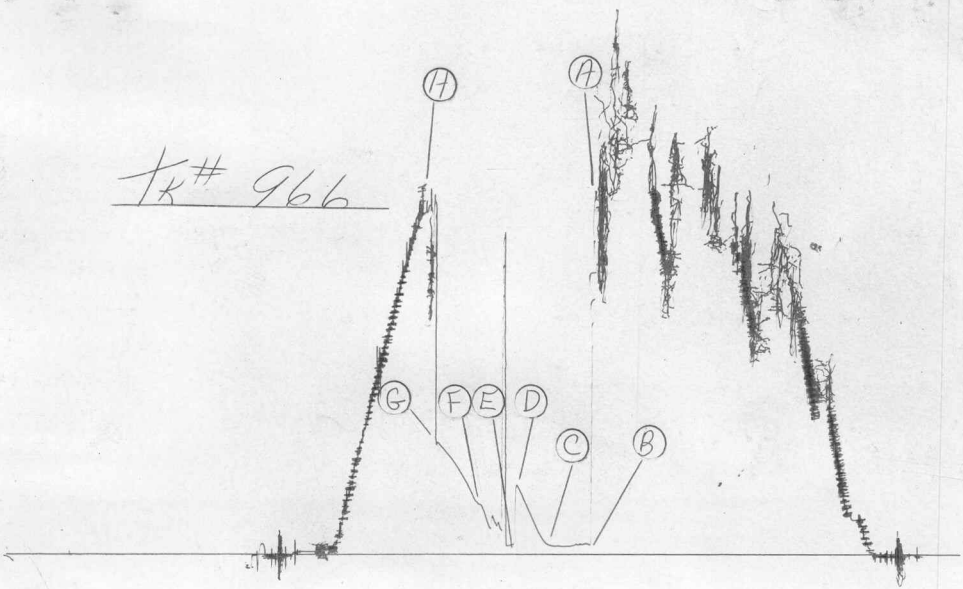
Blow Weak for 15 Minutes &died.

Remarks Dead on second open. Flushed tool after 5 minutes. No blow. Tool partly plugged after flush.

Drill Collar I. D. Ft. Run

Price of Job $400.00

Tk# 966



CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	7
Well Name & Number	Huck #1	Zone Tested	Arbuckle
Company Address	Wichita	Date	5-29-78
Comp. Rep.	Jerry Green	Tester	Kirk Cheney
Contractor	CO. Tools	Elevation	2165 K.B.
Location: Sec. 31 Twp. 10S Rge. 19W Co. Rooks State Ks.		Est. Feet of Pay	

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3741

(A) Initial Hydrostatic Mud 1947 PSI

(B) First Initial Flow Pressure 53 PSI

(C) First Final Flow Pressure 63 PSI

(D) Initial Closed-in Pressure 801 PSI

(E) Second Initial Flow Pressure 74 PSI

(F) Second Final Flow Pressure 84 PSI

(G) Final Closed-in Pressure 717 PSI

(H) Final Hydrostatic Mud 1936 PSI

Temperature 107

Mud Weight 9.4 Viscosity 42

Fluid Loss 8.8

Interval Tested 3621-3744

Anchor Length 123

Top Packer Depth 3616

Bottom Packer Depth 3621

Total Depth 3744

Drill Pipe Size 4½ F.H.

Wt. Pipe I. D. 2.7 Ft. Run 352

Recovery—Total Feet 40

Recovered 40 Feet Of mud.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment none.

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3738

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 45 Mins.

Flow Period 30 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 8:30 A.M.

Blow Weak 1" blow for 30 minutes.

Remarks Weak 1/8" blow for 10 minutes. on second open. Flushed tool. No blow.

Drill Collar I. D. Ft. Run

Price of Job $400.00

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	8
Well Name & Number	Huck #1	Zone Tested	Arbuckle
Company Address	Wichita	Date	5-29-78
Comp. Rep.	Jerry Green	Tester	Kirk Cheney
Contractor	Co. Tool.	Elevation	2165 K.B.
Location: Sec. 31 Twp. 10S Rge. 19W Co. Rooks State Ks.		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3571

(A) Initial Hydrostatic Mud 1962 PSI

(B) First Initial Flow Pressure 428 PSI

(C) First Final Flow Pressure 612 PSI

(D) Initial Closed-in Pressure 1141 PSI

(E) Second Initial Flow Pressure 632 PSI

(F) Second Final Flow Pressure 867 PSI

(G) Final Closed-in Pressure 1121 PSI

(H) Final Hydrostatic Mud 1916 PSI

Temperature 110

Mud Weight 9.6 Viscosity 43

Fluid Loss 8.0

Interval Tested 3620-3754

Anchor Length 134

Top Packer Depth 3615

Bottom Packer Depth 3620

Total Depth 3754

Drill Pipe Size 4½ F.H.

Wt. Pipe I. D. 2.7 Ft. Run 352

Recovery—Total Feet 1967

Recovered 1967 Feet Of water.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment none

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3748

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 45 Mins.

Flow Period 30 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 8:30 P.M.

Blow Strong throughout.

Remarks

Drill Collar I. D. Ft. Run

Price of Job $400.00

TK # 968

