



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 9955

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

Elevation 14296 Formation Miss Eff. Pay Ft.

District Augusta Date 9/18/81 Customer Order No.

COMPANY NAME Wiley & Ash JR

ADDRESS

LEASE AND WELL NO. Galvied #7 COUNTY Sedgwick STATE Ks Sec. 17 Twp 26 Rge 2

Mail Invoice To Sample Co. Name Address No. Copies Requested 1

Mail Charts To Sample Co. Name Address No. Copies Requested 5

Formation Test No. Interval Tested from 3002 ft. to 3010 ft. Total Depth 3010 ft.

Packer Depth 3002 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 2997 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) AP 2992 ft. Recorder Number 13240 Cap. 4500

Bottom Recorder Depth (Outside) 3004 ft. Recorder Number 11018 Cap. 4425

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Drill Collar Length 255 I. D. in.

Mud Type Viscosity 39 Weight Pipe Length I. D. in.

Weight 76 Water Loss 12 cc. Drill Pipe Length 2719 I. D. in.

Chlorides 000 P.P.M. Test Tool Length 32 ft. Tool Size 5/8 in.

Jars: Make WTC Serial Number NA Anchor Length 3 ft. Size 5/8 in.

Did Well Flow? No Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size 1/2 in.

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

Blow: Well shut 20m. 1st opening. Fluid level 3m.

3002 20m. no blow

Recovered 5 ft. of 2 1/2" Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Slid tool 6ft. to bottom

Time On Location 5:30 A.M. Time Pick Up Tool 8:00 A.M. Time Off Location A.M.

Time Set Packer(s) 7.4 P.M. Time Started Off Bottom 12:00 P.M. Maximum Temperature

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

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

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

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

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

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

COMPANY TERMS

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Test Approved By
Signature of Customer or his authorized representative

Western Representative

FIELD INVOICE

Open Hole Test \$

Misrun \$

Straddle Test \$

Jars \$

Selective Zone \$

Safety Joint \$

Standby \$

Evaluation \$

Extra Packer \$

Circ. Sub. \$

Mileage 24 \$

Fluid Sampler \$

Extra Charts \$

Insurance \$

TOTAL \$



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 9956

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

Elevation 1429 Formation M.S.S. Eff. Pay _____ Ft.

District Angus Date 9-18-81 Customer Order No. _____

COMPANY NAME Wilay R Ash Jr

ADDRESS _____

LEASE AND WELL NO. Galyned #7 COUNTY Sedgwick STATE Ks Sec. 17 Twp 26 Rge 2E

Mail Invoice To Same No. Copies Requested 1

Co. Name _____ Address _____ No. Copies Requested 1

Mail Charts To Same Address _____ No. Copies Requested 1

Formation Test No. 3002 Interval Tested from 3002 ft. to 3010 ft. Total Depth 2010 ft.

Packer Depth 3002 ft. Size 6 7/8 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 2997 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2997 ft. Recorder Number 19240 Cap. 4360

Bottom Recorder Depth (Outside) 3004 ft. Recorder Number 71012 Cap. 4435

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

Drilling Contractor Langley #1 Drill Collar Length 255 I. D. _____ in.

Mud Type Shen Viscosity 39 Weight Pipe Length _____ I. D. _____ in.

Weight 7.6 Water Loss 12 cc. Drill Pipe Length 2719 I. D. _____ in.

Chlorides 2000 P.P.M. Test Tool Length 32 ft. Tool Size 5/8 in.

Jars: Make WTC Serial Number NA Anchor Length 8 ft. Size 5/8 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 2 1/4 in.

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

Blow: _____

Recovered _____ ft. of _____

Remarks: Tool well mudding to bottom - Too Much Cavings

Circ. 15' Feet off Bottom ???

Time On Location 4:30-9:15 A.M. Time Pick Up Tool 7:30 A.M. Time Off Location _____ A.M.

Time Set Packer(s) 9:45 A.M. Time Started Off Bottom 10:00 P.M. Maximum Temperature _____

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

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

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

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

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

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

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Test Approved By _____
Signature of Customer or his authorized representative

Western Representative Robert Davis

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	\$ _____
TOTAL	\$ _____



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 9957

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

Elevation 1429 Gt Formation Hunnon Eff. Pay Ft.

District Augusta Date 9-20-81 Customer Order No.

COMPANY NAME Willy A. Ash Jr

ADDRESS

LEASE AND WELL NO. Galtwell COUNTY Sedgewick STATE KS Sec. 17 Twp 20 Rge 7E

Mail Invoice To Co. Name Address No. Copies Requested

Mail Charts To Co. Name Address No. Copies Requested 5

Formation Test No. 3 Interval Tested from 3281 ft. to 3351 ft. Total Depth 3351 ft.

Packer Depth 3276 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3276 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3286 ft. Recorder Number 13240 Cap. 4500

Bottom Recorder Depth (Outside) 3290 ft. Recorder Number 11018 Cap. 4425

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Triangle #1 Drill Collar Length 255 I. D. in.

Mud Type Viscosity 58 Weight Pipe Length I. D. in.

Weight 97 Water Loss 96 cc. Drill Pipe Length 3061 I. D. in.

Chlorides 1900 P.P.M. Test Tool Length 19 ft. Tool Size in.

Jars: Make Serial Number Anchor Length 70 ft. Size in.

Did Well Flow? Reversed Out Surface Choke Size 24 in. Bottom Choke Size in.

Main Hole Size 7 7/8 in. Tool Joint Size in.

Blow: Good below through mud 1 1/2 - 2 at 3281 ft. 48 90 30 162 88 252

Recovered 110 ft. of Free Oil 3420

Recovered 130 ft. of Oil CUT M. 25% Oil = 75% Mud = 30' Oil + 90' Mud

Recovered 150 ft. of Oil " " 10% Oil = 90% Mud = 18' Oil + 162' Mud

Recovered 300 ft. of Muddy Water - 18,000 ppm Chlorides Form. Wtro

Recovered 700' ft. of

Remarks: NEED OIL WATER CONTACT

Time On Location 5:30 A.M. Time Pick Up Tool 7:30 P.M. Time Off Location 3:00 A.M. P.M.

Time Set Packer(s) 8:45 A.M. Time Started Off Bottom 11:15 P.M. Maximum Temperature 116

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

Initial Flow Period Minutes 30 (B) P.S.I. to (C) 170 P.S.I. 88

Initial Closed In Period Minutes 30 (D) P.S.I. 252

Final Flow Period Minutes 60 (E) P.S.I. to (F) 318 P.S.I. 360

Final Closed In Period Minutes 30 (G) P.S.I. 700

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

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Test Approved By Signature of Customer or his authorized representative

Western Representative

FIELD INVOICE

Table with 2 columns: Item and Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, and TOTAL.



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 9958

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

Elevation 1429 G.A. Formation Simpson Sand Eff. Pay Ft.

District Augusta Date 9-21-81 Customer Order No.

COMPANY NAME Wiley Ash Jr.

ADDRESS

LEASE AND WELL NO. Galyard #7 COUNTY Sedg. STATE KS. Sec. 17 Twp 26 Rge 2F

Mail Invoice To Co. Name Address No. Copies Requested

Mail Charts To Co. Name Address No. Copies Requested

Formation Test No. 1 Interval Tested from 3432 ft. to 3462 ft. Total Depth 3462 ft.

Packer Depth 3432 ft. Size 6 3/4 in. Packer Depth 3462 ft. Size in.

Packer Depth 3432 ft. Size 6 3/4 in. Packer Depth 3462 ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3440 ft. Recorder Number 13240 Cap. 4500

Bottom Recorder Depth (Outside) 3443 ft. Recorder Number 11018 Cap. 4425

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Triangle Drilling Rig #1 Drill Collar Length 255 I. D. 2.25 in.

Mud Type Chemical Viscosity 49 Weight Pipe Length I. D. in.

Weight 9.8 Water Loss 10.4 cc. Drill Pipe Length 3156 I. D. 3.25 in.

Chlorides 2400 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make NO Serial Number Anchor Length 30 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 7/8 in.

Main Hole Size 2 3/4 in. Tool Joint Size 1 1/2 x 1 1/2 in.

Blow: Work Blow Thru-Out Initial Flow Period No Blow Final Flow Period Flushed Tool No Help.

Recovered 90' ft. of Mud MWD Chlorides 3000 PPM - Tight

Recovered ft. of

Remarks:

Time On Location 11:00 A.M. Time Pick Up Tool 11:15 P.M. Time Off Location 2:00 A.M. P.M.

Time Set Packer(s) 1:25 A.M. Time Started Off Bottom 4:55 P.M. Maximum Temperature 104

Initial Hydrostatic Pressure (A) 1790 P.S.I.

Initial Flow Period (B) 95 Minutes (C) 68 P.S.I. to (D) 45 P.S.I.

Initial Closed In Period (D) 45 Minutes (E) 1056 P.S.I.

Final Flow Period (E) 30 Minutes (F) 79 P.S.I. to (G) 68 P.S.I.

Final Closed In Period (G) 60 Minutes (H) 1090 P.S.I.

Final Hydrostatic Pressure (H) 1779 P.S.I.

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Test Approved By Signature of Customer or his authorized representative

Western Representative

FIELD INVOICE

Table with 2 columns: Item Name and Price. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, and TOTAL.

Chlorides on DST #3 18,000 PPM



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 9959

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

Elevation 14296L Formation Simp Eff. Pay Ft.

District Augusta Date 9-22-81 Customer Order No.

COMPANY NAME Wilby R Ash Jr
ADDRESS

LEASE AND WELL NO. Galyard #7 COUNTY Sedgwick STATE Ks Sec. 17 Twp 26 Rge 2E

Mail Invoice To Same Co. Name Address No. Copies Requested 1

Mail Charts To Same Co. Name Address No. Copies Requested 5

Formation Test No. 5 Interval Tested from 3462 ft. to 3475 ft. Total Depth 3475 ft.

Packer Depth 3462 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3457 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3467 ft. Recorder Number 13240 Cap. 4500

Bottom Recorder Depth (Outside) 3471 ft. Recorder Number 11018 Cap. 4425

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Fringe Drill Collar Length 255 I. D. in.

Mud Type Schem Viscosity 46 Weight Pipe Length I. D. in.

Weight 96 Water Loss 10.4 cc. Drill Pipe Length 3118 I. D. in.

Chlorides 2800 P.P.M. Test Tool Length 19 ft. Tool Size 5/8 in.

Jars: Make None Serial Number Anchor Length 13 ft. Size 5/8 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

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

Blow: None for 20 min. 1st blow. No blow 2nd flow

Recovered 10 ft. of Very sticky oil and drilling mud - 716 HT

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location 5:00 P.M. Time Pick Up Tool 6:30 P.M. Time Off Location 1:30 P.M.

Time Set Packer(s) 8:15 A.M. Time Started Off Bottom 10:15 P.M. Maximum Temperature 117°

Initial Hydrostatic Pressure (A) 1813 P.S.I.

Initial Flow Period (B) 30 Minutes (C) 34 P.S.I. to (E) 45 P.S.I.

Initial Closed In Period (D) 30 Minutes (F) 45 P.S.I.

Final Flow Period (E) 30 Minutes (G) 1123 P.S.I.

Final Closed In Period (F) 30 Minutes (H) 1813 P.S.I.

Final Hydrostatic Pressure (H) 1813 P.S.I.

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Test Approved By Robert Davis Signature of Customer or his authorized representative

Western Representative Robert Davis

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	\$
TOTAL	\$