Company R. R. Abderhalden Lease & Well No. Lorton #5

Elevation 1354 Kelly Bushing Formation Layton Effective Pay =- Ft. Ticket No. 13141

Date 4/3/82 Sec. 23 Twp. 32S Range 6E County Cowley State Kansas

Test Approved by J. M. Hanock Western Representative Allen Edgington

Formation Test No. 1 Interval Tested from 2252 ft. to 2265 ft. Total Depth 2265 ft.

Packer Depth 2247 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2252 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2258 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 2261 ft. Recorder Number 3354 Cap. 4200

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

Drilling Contractor R. R. A. Drlg. Rig #1 Drill Collar Length 364 I. D. 2¼ in.

Mud Type chemical Viscosity 44 Weight Pipe Length - I. D. - in.

Weight 9.6 Water Loss 9.6 cc. Drill Pipe Length 1886 I. D. 3.8 in.

Chlorides 1,200 P.P.M. Test Tool Length 20 ft. Tool Size 4½ in.

Jars: Make - Serial Number - Anchor Length 13 ft. Size 4½ in.

Did Well Flow? No 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 4½XH in.

Blow: Strong diminishing in twenty-five minutes on initial flow period. Fair for ten minutes on final flow period.

Recovered 390 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Fluid leaking by packer seat.

MISRUN

Time Set Packer(s) 11:00 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 2:00 ~~A.M.~~ P.M. Maximum Temperature 97°

Initial Hydrostatic Pressure ..... (A) 1145 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) 1145 P.S.I.

WTC

TKT # 13141

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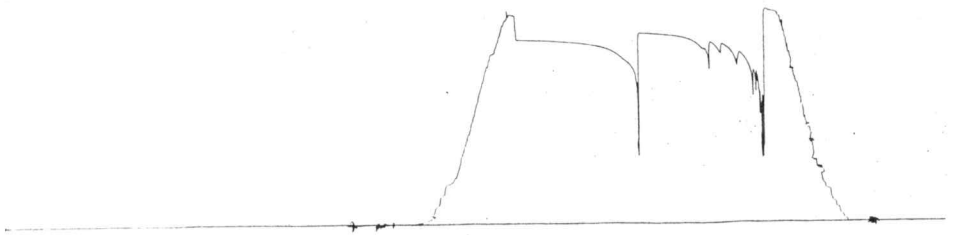

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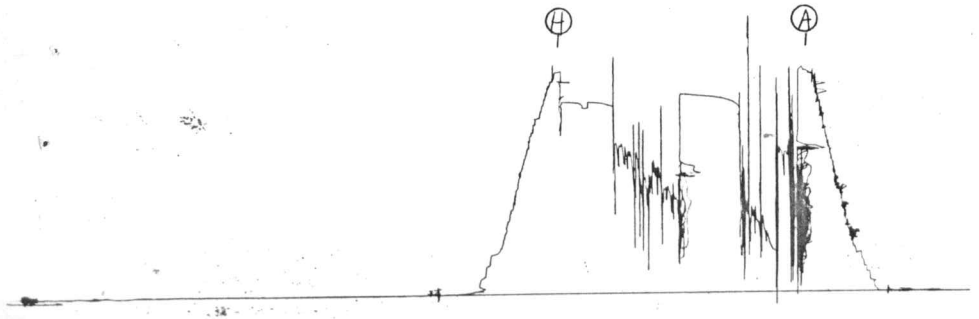

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 13141 OK

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

Elevation 1354 KB Formation LAYTON Eff. Pay Ft.

District Augusta Date 4-3-82 Customer Order No.

COMPANY NAME R.R. Abderhalden

ADDRESS Suite 510 HARDAGE Center Wichita KS 67202

LEASE AND WELL NO. Lorton #5 COUNTY COWLEY STATE KS Sec. 23 Twp. 32S Rge. 6E

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

Mail Charts To Same No. Copies Requested 5
Address

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Packer Depth 2247 ft. Size 6 3/4 in. Packer Depth — ft. Size in.

Packer Depth 2252 ft. Size 6 3/4 in. Packer Depth — ft. Size in.

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Drilling Contractor RRA #1 Drill Collar Length 364 I. D. 2 1/4 in.

Mud Type Chem Viscosity 44 Weight Pipe Length I. D. in.

Weight 9.6 Water Loss 9.6 cc. Drill Pipe Length 1886 I. D. 3.8 in.

Chlorides 1200 P.P.M. Test Tool Length 20 ft. Tool Size 4 1/2 in.

Jars: Make — Serial Number Anchor Length 13 ft. Size 4 1/2 in.

Did Well Flow? No 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 X H in.

Blow: Strong diminished to 25 min of initial flow period
Fair for 10 mins on final flow period

Recovered 390 ft. of Drill mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Fluid leaking by packer seat

RECEIVED
APR 6 - 1982

Time On Location 5:00 A.M. Time Pick Up Tool 9:30 A.M. Time Off Location 3:15 P.M.

Time Set Packer(s) 11:00 A.M. Time Started Off Bottom 2:00 P.M. Maximum Temperature 98°

Initial Hydrostatic Pressure		(A) 1135	P.S.I.	
Initial Flow Period	Minutes 45	(B) 90	P.S.I. to (C) 470	P.S.I.
Initial Closed In Period	Minutes 45	(D) 1015	P.S.I.	
Final Flow Period	Minutes 45	(E) 470	P.S.I. to (F) 770	P.S.I.
Final Closed In Period	Minutes 45	(G) 990	P.S.I.	
Final Hydrostatic Pressure		(H) 1135 1145	P.S.I.	

#5666

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 J. M. Hancock J. M. Hancock
Signature of Customer or his authorized representative

Western Representative Allen Edgington

FIELD INVOICE

	Open Hole Test	$
	Misrun	$ 400.00
	Straddle Test	$
	Jars	$
	Selective Zone	$
	Safety Joint	$
	Standby	$
	Evaluation	$
	Extra Packer	$
	Circ. Sub.	$
45	Mileage	$ 33.75
	Fluid Sampler	$
	Extra Charts	$
	Insurance	$
	TOTAL	$ 433.75