15-135-22476

23-32s-6E

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company R. R. Abderhalden Lease & Well No. Lorton #4

Elevation 1352 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 6771

Date 4/20/81 Sec. 23 Twp. 32S Range 6E County Cowley State Kansas

Test Approved by R. R. Abderhalden Western Representative James Ricketts

Formation Test No. 1 Interval Tested from 2381 ft. to 2416 ft. Total Depth 2416 ft.

Packer Depth 2381 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2376 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2410 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 2413 ft. Recorder Number 5666 Cap. 3950

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

Drilling Contractor R. R. Abderhalden Rig #1 Drill Collar Length 462 I. D. 2.25 in.

Mud Type Chemical Viscosity 41 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 12.8 cc. Drill Pipe Length 2008 I. D. 3.25 in.

Chlorides 1600 P.P.M. Test Tool Length 21 ft. Tool Size 4½ in.

Jars: Make No Serial Number - Anchor Length 35 ft. Size 4½ in.

Did Well Flow? - Reversed Out - 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 gas to surface in 20 minutes initial flow period. See attached sheet for gas measurements.

Recovered 65 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 1:28 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 3:43 A.M. P.M. Maximum Temperature 94

Initial Hydrostatic Pressure			(A) 1162	P.S.I.		
Initial Flow Period	Minutes 45	(B) 74	P.S.I. to	(C) 63	P.S.I.	
Initial Closed In Period	Minutes 30	(D) 814	P.S.I.			
Final Flow Period	Minutes 30	(E) 95	P.S.I. to	(F) 71	P.S.I.	
Final Closed In Period	Minutes 30	(G) 812	P.S.I.			
Final Hydrostatic Pressure			(H) 1118	P.S.I.		

WTC-1

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GAS FLOW REPORT

Date 4/20/81 Ticket 6771 Company R. R. Abderhalden

Well Name and No. Lorton #4 Dst No. 1 Interval Tested 2381-2416

County Cowley State Kansas Sec. 23 Twp. 32S Rg. 6E

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
Gas to surface 20 minutes initial flow period. PRE FLOW						
	30 Min	3.0 PSIG	½" Orifice			59,200 C.F.P.D.
	40 Min	3.0 PSIG	½" Orifice			59,200 C.F.P.D.
SECOND FLOW						
	10 Min	5.0 PSIG	½" Orifice			78,100 C.F.P.D.
	20 Min	5.0 PSIG	½" Orifice			78,100 C.F.P.D.
	30 Min	5.0 PSIG	½" Orifice			78,100 C.F.P.D.

GAS BOTTLE

Serial No. 88 Date Bottle Filled 4/20/81 Date to be Invoiced 4/20/81

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of $75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME R. R. Abderhalden

Authorized by R. R. Abderhalden

FORM WTC 6

WESTERN TESTING CO., INC.

Pressure Data

Date 4/20/81 Test Ticket No. 6771

Recorder No. 3354 Capacity 4200 Location 2410 Ft.

Clock No. = Elevation 1352 Kelly Bushing Well Temperature 94 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1162 P.S.I.		Open Tool	1:28A M	
B	First Initial Flow Pressure	74 P.S.I.		First Flow Pressure	45 Mins.	45 Mins.
C	First Final Flow Pressure	63 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	814 P.S.I.		Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	95 P.S.I.		Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	71 P.S.I.				
G	Final Closed-in Pressure	812 P.S.I.				
H	Final Hydrostatic Mud	1118 P.S.I.				

PRESSURE BREAKDOWN

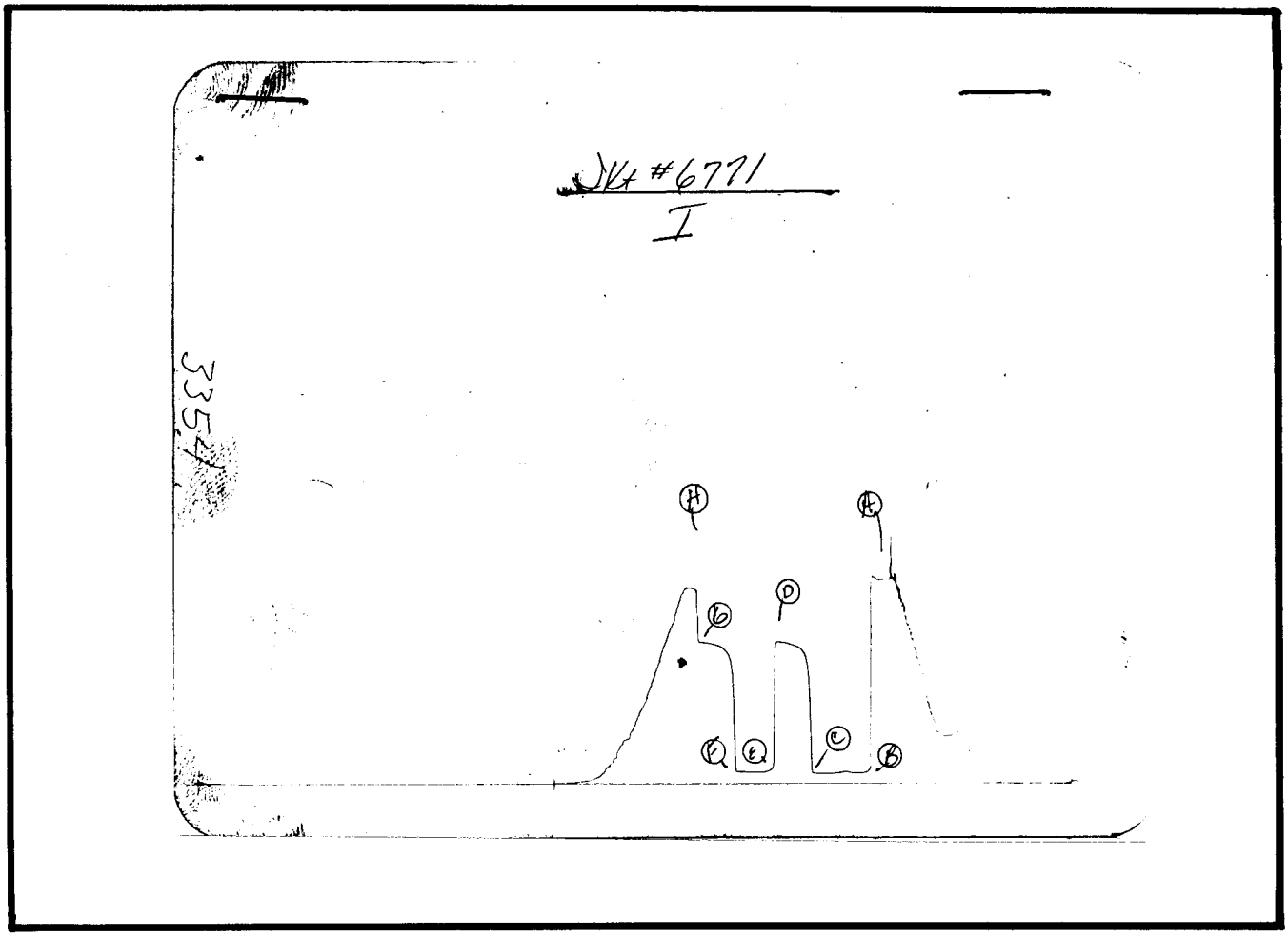
First Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.	Point	Minutes	Press.	Point	Minutes	Press.	Point	Minutes	Press.
P 1	0	74		0	63		0	95		0	71
P 2	5	65		3	517		5	72		3	593
P 3	10	65		6	726		10	69		6	726
P 4	15	65		9	768		15	69		9	764
P 5	20	70		12	785		20	69		12	783
P 6	25	64		15	795		25	71		15	793
P 7	30	61		18	802		30	71		18	800
P 8	35	61		21	808					21	806
P 9	40	61		24	812					24	810
P10	45	63		27	814					27	812
P11				30	814					30	812
P12											
P13											
P14											
P15											
P16											
P17											
P18											
P19											
P20											



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1086	1162	PSI
(B)	First Initial Flow Pressure	63	74	PSI
(C)	First Final Flow Pressure	63	63	PSI
(D)	Initial Closed-in Pressure	822	814	PSI
(E)	Second Initial Flow Pressure	63	95	PSI
(F)	Second Final Flow Pressure	63	71	PSI
(G)	Final Closed-in Pressure	812	812	PSI
(H)	Final Hydrostatic Mud	1086	1118	PSI