



P. O. BOX 1599

PHONE (316) 838-0601

WICHITA, KANSAS 67201

## WESTERN TESTING CO., INC.

## FORMATION TESTING

TICKET NO. 3499

Elevation 1458 KB Formation Miss Eff. Pay Ft.

District

Pratt

Date 2-12-80

Customer Order No.

COMPANY NAME

K. B. W. Oil &amp; Gas Company

ADDRESS 3632 NW 51st St Suite 205 Oklahoma City OK 73112

LEASE AND WELL NO. Platt #1

COUNTY Barber

STATE KS

Sec. 8 Twp 35s Rge 12W

Mail Invoice To

SAME

No. Copies Requested reg

Mail Charts To

SANE

Address

No. Copies Requested reg

Formation Test No. 1 Interval Tested from 4805

ft. to 4845 ft. Total Depth 4845 ft.

Packer Depth 4800 ft. Size 6 3/4 in.

Packer Depth — ft. Size — in.

Packer Depth 4805 ft. Size 6 3/4 in.

Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

3354822 ft.

Recorder Number 3354

Cap. 4200

Bottom Recorder Depth (Outside)

4825 ft.

Recorder Number 2605

Cap. 4150

Below Straddle Recorder Depth

— ft.

Recorder Number

Cap. —

Drilling Contractor Sweetman Rig #1

Drill Collar Length 318

I. D. 2 1/2 in.

Mud Type Drispac Viscosity 60

Weight Pipe Length —

I. D. — in.

Weight 9.5 Water Loss 10.2 cc.

Drill Pipe Length 4467

I. D. 3 8 in.

Chlorides N.C. P.P.M.

Test Tool Length 30

Tool Size 5 1/2 O.D. in.

Jars: Make W.T.C. Serial Number 407

Anchor Length 40

Size 5 1/2 O.D. in.

Did Well Flow? No Reversed Out

Surface Choke Size 3/4

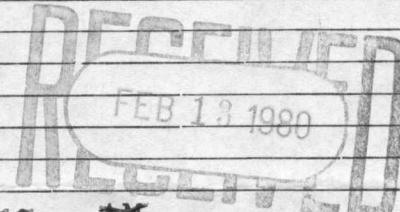
Bottom Choke Size 3/4 in.

Main Hole Size 7 1/8

Tool Joint Size 4 1/2 X 4 in.

Blow: Strong blow through out test. Gas to surface 24 min. See Charts

Recovered 65 ft. of 600 m



Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s)	9:55	A.M.	Time Started Off Bottom	12:55	P.M.	Maximum Temperature	127°F
Initial Hydrostatic Pressure			(A)	2714	P.S.I.		
Initial Flow Period		Minutes 30	(B)	73	P.S.I. to (C)	73	P.S.I.
Initial Closed In Period		Minutes 30	(D)	1265	P.S.I.		
Final Flow Period		Minutes 60	(E)	63	P.S.I. to (F)	73	P.S.I.
Final Closed In Period		Minutes 60	(G)	1297	P.S.I.		
Final Hydrostatic Pressure			(H)	2377	P.S.I.		

## 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

Hordon W. Keen

Signature of Customer or his authorized representative

Western Representative

Mike Little Thank you!

## FIELD INVOICE

Open Hole Test	\$ 550.00
Misrun	\$
Straddle Test	\$
Jars	\$ 275.00
Selective Zone	\$
Safety Joint	\$ 35.00
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$
Fluid Sampler	\$
Extra Charts	\$
TOTAL	\$ 860.00



## GAS FLOW REPORT

Nº 1821

Date 2-12-80 Ticket 3499 Company K.B.W. Oil & Gas Co.  
Well Name and No. Platt #1 Dst No. 1 Interval Tested 4805 - 484  
County Barber State KS Sec. 8 Twp. 35S Rg. 12 N

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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## PRE FLOW

10:15	20"	3/4"			Gas to Surface 24 min.
:25	10"	1/2"			
			OK	63.500	ACFPD
			OK	19.900	"

## SECOND FLOW

10:55	15"	11/2"	OK	24.500	MCFPD
11:05	10"		OK	19.900	
:15	11"	}	OK	20.900	
:25	10"		OK	19.900	
:35	6"		OK	15.400	
:45	8"		OK	17.200	
:55	8"		OK	17.200	

## **GAS BOTTLE**

Serial No. \_\_\_\_\_ Date Bottle Filled \_\_\_\_\_ Date to be Invoiced \_\_\_\_\_

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 1% per month, equal to 12% 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 \_\_\_\_\_

Authorized by \_\_\_\_\_

## WESTERN TESTING CO., INC.

## Pressure Data

Date 2-12-80Recorder No. 3354Capacity 4200Test Ticket No. 3499Clock No. 1458 KBLocation 4822 Ft.Elevation 1458 KBWell Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2481</u>	P.S.I.	Open Tool	<u>9:55</u> 1 M
B First Initial Flow Pressure	<u>74</u>	P.S.I.	First Flow Pressure	<u>30</u> Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>61</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins. <u>30</u> Mins.
D Initial Closed-in Pressure	<u>1266</u>	P.S.I.	Second Flow Pressure	<u>60</u> Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>63</u>	P.S.I.	Final Closed-in Pressure	<u>60</u> Mins. <u>60</u> Mins.
F Second Final Flow Pressure	<u>65</u>	P.S.I.		
G Final Closed-in Pressure	<u>1291</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2439</u>	P.S.I.		

## PRESSURE BREAKDOWN

Point Mins.	Press.	Initial Shut-In		Second Flow Pressure		Final Shut-In	
		Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
P 1 0	<u>74</u>	0	<u>61</u>	0	<u>63</u>	0	<u>65</u>
P 2 5	<u>55</u>	3	<u>285</u>	5	<u>55</u>	3	<u>213</u>
P 3 10	<u>49</u>	6	<u>445</u>	10	<u>59</u>	6	<u>340</u>
P 4 15	<u>51</u>	9	<u>629</u>	15	<u>59</u>	9	<u>447</u>
P 5 20	<u>55</u>	12	<u>808</u>	20	<u>57</u>	12	<u>559</u>
P 6 25	<u>59</u>	15	<u>939</u>	25	<u>57</u>	15	<u>671</u>
P 7 30	<u>61</u>	18	<u>1055</u>	30	<u>57</u>	18	<u>759</u>
P 8 35		21	<u>1139</u>	35		21	<u>844</u>
P 9 40		24	<u>1200</u>	40		24	<u>926</u>
P10 45		27	<u>1245</u>	45	<u>57</u>	27	<u>998</u>
P11 50		30	<u>1266</u>	50	<u>63</u>	30	<u>1059</u>
P12 55		33		55	<u>63</u>	33	<u>1108</u>
P13 60		36		60	<u>65</u>	36	<u>1150</u>
P14		39		65		39	<u>1186</u>
P15		42		70		42	<u>1209</u>
P16		45		75		45	<u>1226</u>
P17		48		80		48	<u>1245</u>
P18		51		85		51	<u>1259</u>
P19		54		90		54	<u>1270</u>
P20		57				57	<u>1281</u>
		60				60	<u>1291</u>

Company K. B. W. Oil & Gas Company Lease & Well No. Platt #1  
 Elevation 1458 Kelly Bushing Formation Mississippi Effective Pay. ----- Ft. Ticket No. 3499  
 Date 2/12/80 Sec. 8 Twp. 35S Range 12W County Barber State Kansas  
 Test Approved by Gordon W. Keen Western Representative Mike Tritt  
 Formation Test No. 1 Interval Tested from 4805 ft. to 4845 ft. Total Depth 4845 ft.  
 Packer Depth 4800 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.  
 Packer Depth 4805 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.  
 Depth of Selective Zone Set -----  
 Top Recorder Depth (Inside) 4822 ft. Recorder Number 3354 Cap. 4200  
 Bottom Recorder Depth (Outside) 4825 ft. Recorder Number 2605 Cap. 4150  
 Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. -----  
 Drilling Contractor Sweetman Drilling Rig #1 Drill Collar Length 318 I. D. 2 1/2 in.  
 Mud Type dripac Viscosity 60 Weight Pipe Length ----- I. D. ----- in.  
 Weight 9.5 Water Loss 10.2 cc. Drill Pipe Length 4467 I. D. 3.8 in.  
 Chlorides N.C. P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.  
 Jars: Make WTC Serial Number 407 Anchor Length 40 ft. Size 5 1/2 OD in.  
 Did Well Flow? No Reversed Out ----- 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 XH in.

Blow: Strong blow throughout test. Gas to surface twenty-four minutes. See attached sheet for gas measurements.

Recovered 65 ft. of gassy oil cut mud

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

Remarks: -----

Time Set Packer(s) <u>9:55</u>	<u>A.M.</u>	Time Started Off Bottom <u>12:55</u>	<u>A.M.</u>	Maximum Temperature <u>127°</u>
Initial Hydrostatic Pressure	<u>P.M.</u>	(A) <u>2481</u>	P.S.I.	
Initial Flow Period	Minutes <u>30</u>	(B) <u>74</u>	P.S.I. to (C)	<u>61</u> P.S.I.
Initial Closed In Period	Minutes <u>30</u>	(D) <u>1266</u>	P.S.I.	
Final Flow Period	Minutes <u>60</u>	(E) <u>63</u>	P.S.I. to (F)	<u>65</u> P.S.I.
Final Closed In Period	Minutes <u>60</u>	(G) <u>1291</u>	P.S.I.	
Final Hydrostatic Pressure		(H) <u>2439</u>	P.S.I.	

## GAS FLOW REPORT

Date 2/12/80 Ticket 3499 Company K.B.W. Oil & Gas Company  
 Well Name and No. Platt #1 Dst No. 1 Interval Tested 4805'-4845'  
 County Barber State Kansas Sec. 8 Twp. 35S Rg. 12W

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
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Gas to surface in 24 minutes.

### PRE FLOW

<u>10:15</u>	<u>20"</u>	<u>of water</u>	<u>3/4"</u>	<u>orifice</u>		<u>63,500 CFPD</u>
<u>10:25</u>	<u>10"</u>	<u>of water</u>	<u>1/2"</u>	<u>orifice</u>		<u>19,900 CFPD</u>
SHUT TOOL IN FINAL INITIAL SHUT-IN.						

### SECOND FLOW

<u>10:55</u>	<u>15"</u>	<u>of water</u>	<u>1/2"</u>	<u>orifice</u>		<u>24,500 CFPD</u>
<u>11:05</u>	<u>10"</u>	<u>of water</u>	<u>1/2"</u>	<u>orifice</u>		<u>19,900 CFPD</u>
<u>11:15</u>	<u>11"</u>	<u>of water</u>	<u>1/2"</u>	<u>orifice</u>		<u>20,900 CFPD</u>
<u>11:25</u>	<u>10"</u>	<u>of water</u>	<u>1/2"</u>	<u>orifice</u>		<u>19,900 CFPD</u>
<u>11:35</u>	<u>6"</u>	<u>of water</u>	<u>1/2"</u>	<u>orifice</u>		<u>15,400 CFPD</u>
<u>11:45</u>	<u>8"</u>	<u>of water</u>	<u>1/2"</u>	<u>orifice</u>		<u>17,200 CFPD</u>
<u>11:55</u>	<u>8"</u>	<u>of water</u>	<u>1/2"</u>	<u>orifice</u>		<u>17,200 CFPD</u>

Shut-In Flow/FINAL SHUT-IN

### GAS BOTTLE

Serial No. ----- Date Bottle Filled ----- Date to be Invoiced 2/12/80

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All charges subject to 1 1/2% 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 K.B.W. OIL & GAS COMPANY  
 Authorized by Gordon W. Keen

## WESTERN TESTING CO., INC.

## Pressure Data

Date	2/12/80	Test Ticket No.	3499	
Recorder No.	3354	Capacity	4200	
Clock No.	-----	Location	4822 Ft.	
	Elevation	1458 Kelly Bushing	127 °F	
<b>Point</b>	<b>Pressure</b>		<b>Time Given</b>	<b>Time Computed</b>
A Initial Hydrostatic Mud	2481	P.S.I.	Open Tool	9:55A M
B First Initial Flow Pressure	74	P.S.I.	First Flow Pressure	30 Mins. 30 Mins.
C First Final Flow Pressure	61	P.S.I.	Initial Closed-in Pressure	30 Mins. 30 Mins.
D Initial Closed-in Pressure	1266	P.S.I.	Second Flow Pressure	60 Mins. 60 Mins.
E Second Initial Flow Pressure	63	P.S.I.	Final Closed-in Pressure	60 Mins. 60 Mins.
F Second Final Flow Pressure	65	P.S.I.		
G Final Closed-in Pressure	1291	P.S.I.		
H Final Hydrostatic Mud	2439	P.S.I.		

## PRESSURE BREAKDOWN

## First Flow Pressure

Breakdown: 6 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: 12 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

Final Shut-In  
Breakdown: 20 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

61

0

63

0

65

P 2 5

55

3

285

5

55

3

213

P 3 10

49

6

445

10

59

6

340

P 4 15

51

9

629

15

59

9

447

P 5 20

55

12

808

20

57

12

559

P 6 25

59

15

939

25

57

15

671

P 7 30

61

18

1055

30

57

18

759

P 8

21

1139

35

57

21

844

P 9

24

1200

40

57

24

926

P10

27

1245

45

57

27

998

P11

30

1266

50

63

30

1059

P12

55

63

33

1108

P13

60

65

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1150

P14

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1186

P15

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1270

P20

57

1281

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