WESTERN TESTING CO., INC.

P.O. BOX 1599 — WICHITA, KANSAS 67201

WELL REPORT NO. 11923
UNIT NO.
DISTRICT

DATE 11/19/81

Pickrell Drilling Company
Litwin Building, Suite 205
Wichita, Kansas 67202

FOR CUSTOMER'S USE ONLY

REGISTER NO.	VOUCHER NO.
TERMS APPROVED	PRICE APPROVED
CALCULATIONS CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTION	
AUDITED	FINAL APPROVAL

YOUR ORDER NO.	OWNER	CONTRACTOR

WELL NO.	FARM	COUNTY	SECTION	TWP.	RANGE
#1	Bebermeyer "A"	Harper County, Ks.	35	31S	7W

One drill stem test from 4404' to 4415'	(Test 1)	$ 700.00
Mileage: Sixty miles @ .75¢ per mile		45.00
		$ 745.00

POSTED

DISCOUNT	1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID BY THE 20TH OF THE FOLLOWING MONTH	PLEASE INCLUDE OUR INVOICE NUMBER WITH YOUR REMITTANCE	INVOICE NUMBER
7.45			11923

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

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

TICKET № 11923

Elevation 1456 KB Formation Miss Eff. Pay ____ Ft.

District Pratt Date 11-19-81 Customer Order No. ____

COMPANY NAME Pickrell Drlg Co.
ADDRESS Litwin Bldg. 110 N. market Suite 205 Wichita, Ks. 67202
LEASE AND WELL NO. Bebermeyer 1-A COUNTY Harper STATE Ks. Sec. 35 Twp 31S Rge 7W
Mail Invoice To Bebermeyer "A" #1 No. Copies Requested 4
Co. Name Address
Mail Charts To ____ No. Copies Requested ____
Address

Formation Test No. 1 Interval Tested from 4404 ft. to 4415 ft. Total Depth 4415 ft.
Packer Depth 4399 ft. Size 6 5/8 in. Packer Depth —— ft. Size —— in.
Packer Depth 4404 ft. Size 6 5/8 in. Packer Depth —— ft. Size —— in.
Depth of Selective Zone Set ——

Top Recorder Depth (Inside) 4407 ft. Recorder Number 1566 Cap. 4300
Bottom Recorder Depth (Outside) 4410 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth ____ ft. Recorder Number ____ Cap. ____

Drilling Contractor Co Tools — Drill Collar Length —— I. D. —— in.
Mud Type Chem. Viscosity 150 Weight Pipe Length —— I. D. —— in.
Weight 9.1 Water Loss 11.2 cc. Drill Pipe Length 4382' I. D. 3.8 in.
Chlorides 13,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.
Jars: Make —— Serial Number —— Anchor Length 11' ft. Size 5 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 in.

Blow: Vry WK Building to 3 inch I.F.P. 1 inch Building to 7 inch F.F.P.

Recovered 150' ft. of gas-in-pipe-
Recovered 120' ft. of muddy ~~wtr~~ Oil Stained Wtr
w/ 15% mud 5% oil 80% wtr.
w/ 45,000 Clorides —
Recovered ____ ft. of
Recovered ____ ft. of
Recovered ____ ft. of
Remarks:

Time On Location 8:00 (A.M.) P.M. Time Pick Up Tool 9:00 (A.M.) P.M. Time Off Location 6:00 A.M. (P.M.)
Time Set Packer(s) 11:00 (A.M.) P.M. Time Started Off Bottom 3:00 A.M. (P.M.) Maximum Temperature 139°

Initial Hydrostatic Pressure		(A) 2264 P.S.I.		
Initial Flow Period	Minutes 30	(B) 32 P.S.I.	to (C)	21 P.S.I.
Initial Closed In Period	Minutes 60	(D) 1614 P.S.I.		
Final Flow Period	Minutes 60	(E) 64 P.S.I.	to (F)	43 P.S.I.
Final Closed In Period	Minutes 90	(G) 1603 P.S.I.		
Final Hydrostatic Pressure		(H) 2264 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 Bill Klaver Bill Klaver
Signature of Customer or his authorized representative

Western Representative Mike Rogers Thank You!

FIELD INVOICE

(Open Hole Test)	$ 700.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
(Mileage)	$ 60 45.00
Fluid Sampler	$
Extra Charts	$
Insurance	$
TOTAL	$ 745.00

OK

WESTERN TESTING CO., INC.
Pressure Data

Date 11-19 Test Ticket No. 11923

Recorder No. 1566 Capacity 4300 Location 4407 Ft.

Clock No. — — — — Elevation 1456 KB Well Temperature 139 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2273	P.S.I.	Open Tool	11:00 AM	
B	First Initial Flow Pressure	35	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	18	P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D	Initial Closed-in Pressure	1618	P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	44	P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	37	P.S.I.			
G	Final Closed-in Pressure	1608	P.S.I.			
H	Final Hydrostatic Mud	2263	P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	35
P 2 5	35
P 3 10	25
P 4 15	19
P 5 20	18
P 6 25	18
P 7 30	18
P 8 35	
P 9 40	
P10 45	
P11 50	
P12 55	
P13 60	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 19 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	18
3	24
6	112
9	524
12	923
15	1141
18	1272
21	1356
24	1416
27	1459
30	1489
33	1518
36	1541
39	1557
42	1575
45	1589
48	1597
51	1606
54	1612
57	1618
~~60~~	

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	44
5	44
10	38
15	37
20	↓
25	↓
30	37
35	↓
40	↓
45	37
50	↓
55	↓
60	37
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 30 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	37
3	498
6	828
9	1036
12	1166
15	1253
18	1318
21	1367
24	1404
27	1438
30	1461
33	1479
36	1499
39	1513
42	1527
45	1537
48	1547
51	1557
54	1567
57	1572
60	1577

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 11923

Recorder No. _____ Capacity _____ Location _____ Ft

Clock No. _____ Elevation _____ Well Temperature _____ °I

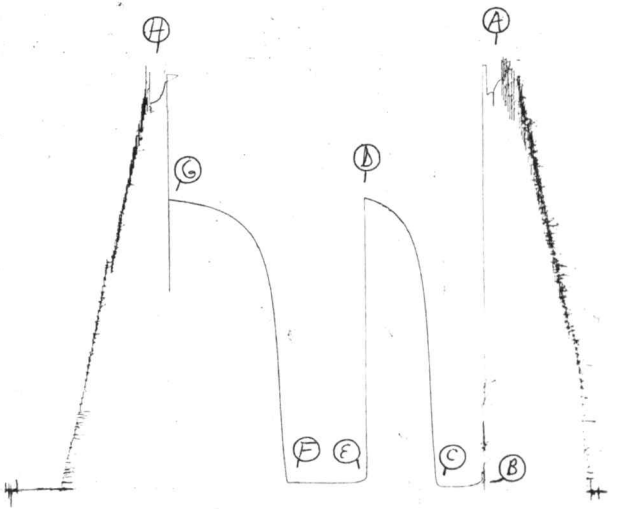
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: ____ Inc.		Breakdown: ____ Inc.		Breakdown: ____ Inc.		Breakdown: ____ Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		63				63	1582
P 2		66				66	1587
P 3		69				69	1592
P 4		72				72	1596
P 5		75				75	1599
P 6		78				78	1601
P 7		81				81	1603
P 8		84				84	1605
P 9		87				87	1607
P10		90				90	1608
P11		93				93	
P12		96				96	
P13		99				99	
P14		102				102	
P15		105				105	
P16		108				108	
P17		111				111	
P18		114				114	
P19		117				117	
P20		120				120	

WTC - 4

TKT # 11923



Company Pickrell Drilling Company — Lease & Well No. Bebermeyer "A"#1

Elevation 1456 Kelly Bushing — Formation Mississippi — Effective Pay - Ft. — Ticket No. 11923

Date 11/19/81 — Sec. 35 — Twp. 31S — Range 7W — County Harper — State Kansas

Test Approved by Bill Klaver — Western Representative Mike Rogers

Formation Test No. 1 — Interval Tested from 4404 ft. to 4415 ft. — Total Depth 4415 ft.

Packer Depth 4399 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Packer Depth 4404 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4407 ft. — Recorder Number 1566 — Cap. 4300

Bottom Recorder Depth (Outside) 4410 ft. — Recorder Number 3086 — Cap. 4500

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

Drilling Contractor Pickrell Drilling — Drill Collar Length - — I. D. - in.

Mud Type chemical — Viscosity 150 — Weight Pipe Length - — I. D. - in.

Weight 9.1 — Water Loss 11.2 cc. — Drill Pipe Length 4382 — I. D. 3.8 in.

Chlorides 13,000 P.P.M. — Test Tool Length 21 ft. — Tool Size 5½ in.

Jars: Make - — Serial Number - — Anchor Length 11 ft. — Size 5½ 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 4½ in.

Blow: Very weak building to three inches on initial flow period. One inch building to seven inches on final flow period.

Recovered 150 ft. of gas in pipe

Recovered 120 ft. of muddy oil stained water with 15% mud;5% oil;80% water with 45,000 ppm chlorides

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Remarks:

Time Set Packer(s) 11:00 A.M. ~~P.M.~~ — Time Started Off Bottom 3:00 ~~A.M.~~ P.M. — Maximum Temperature 139°

Initial Hydrostatic Pressure			(A)	2273	P.S.I.	
Initial Flow Period	Minutes 30	(B)	35	P.S.I. to (C)	18	P.S.I.
Initial Closed In Period	Minutes 57	(D)	1618	P.S.I.		
Final Flow Period	Minutes 60	(E)	44	P.S.I. to (F)	37	P.S.I.
Final Closed In Period	Minutes 90	(G)	1608	P.S.I.		
Final Hydrostatic Pressure		(H)	2263	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 11/19/81 Test Ticket No. 11923

Recorder No. 1566 Capacity 4300 Location 4407 Ft.

Clock No. - Elevation 1456 Kelly Bushing Well Temperature 139 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2273 P.S.I.	Open Tool	11:00A M	
B First Initial Flow Pressure	35 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	18 P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D Initial Closed-in Pressure	1618 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	44 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	37 P.S.I.			
G Final Closed-in Pressure	1608 P.S.I.			
H Final Hydrostatic Mud	2263 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure

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

Point Mins.	Press.
P 1 0	35
P 2 5	35
P 3 10	25
P 4 15	19
P 5 20	18
P 6 25	18
P 7 30	18
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In

Breakdown: 19 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	18
3	24
6	112
9	524
12	923
15	1141
18	1272
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24	1416
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39	1557
42	1575
45	1589
48	1597
51	1606
54	1612
57	1618

Second Flow Pressure

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

Point Minutes	Press.
0	44
5	44
10	38
15	37
20	37
25	37
30	37
35	37
40	37
45	37
50	37
55	37
60	

Final Shut-In

Breakdown: 30 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	37
3	498
6	828
9	1036
12	1166
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continued

WESTERN TESTING CO., INC.
Pressure Data

Date 11/19/81 Test Ticket No. 11923

Recorder No. 1566 Capacity 4300 Location 4407 Ft.

Clock No. - Elevation 1456 Kelly Bushing Well Temperature 139 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2273	P.S.I.	Open Tool	11:00A M	
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F	Second Final Flow Pressure	37	P.S.I.			
G	Final Closed-in Pressure	1608	P.S.I.			
H	Final Hydrostatic Mud	2263	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: 19 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: 30 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						63	1582
P 2						66	1587
P 3						69	1592
P 4						72	1596
P 5						75	1599
P 6						78	1601
P 7						81	1603
P 8						84	1605
P 9						87	1607
P10						90	1608
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							