WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET Nº 16117

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

Elevation 1611 KB Formation Miss Eff. Pay Ft.

District PRAH Date 8-25-26-82 Customer Order No.

Theodore I.

COMPANY NAME Leben & Assoc ~~Petroleum Company~~ 67202

ADDRESS 105 S. Broadway Suite 640 Broadway plaza, Wichita KS.

LEASE AND WELL NO. 1 Roll COUNTY Barber STATE Kansas Sec 26 Twp 33S Rge 13W

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

Mail Charts To Same No. Copies Requested Reg
Address

Formation Test No. 1 Interval Tested From 4544 ft. to 4636 ft. Total Depth 4636 ft.

Packer Depth 4539 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4544 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4547 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4550 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Co tools Rig 11 Drill Collar Length 215 I. D. 2 1/4 in.

Mud Type Chem-Dispac Viscosity 47 Weight Pipe Length — I. D. — in.

Weight 9.4 Water Loss 15.6 cc. Drill Pipe Length 4371 I. D. 3.2 in.

Chlorides 13,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OH in.

Jars: Make NO Serial Number — Anchor Length 92 = 62 - 30 ft. Size 6 1/4 X 5 1/2 OH 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 FH in.

Blow: Strong blow on initial flow - Strong blow on final flow through 1/2 orifice - gas to surface 42 min of final flow too weak to measure

Recovered 120 ft. of gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

RECEIVED
AUG 30 1982

Time On Location 10:00 A.M. Time Pick Up Tool 1:00 P.M. Time Off Location 10:30 P.M.

Time Set Packer(s) 4:00 P.M. Time Started Off Bottom 7:45 P.M. Maximum Temperature 126° F

Initial Hydrostatic Pressure			(A)	2292	P.S.I.	
Initial Flow Period	Minutes	30	(B)	83	P.S.I. to (C)	83 P.S.I.
Initial Closed In Period	Minutes	60	(D)	104	P.S.I.	
Final Flow Period	Minutes	45	(E)	83	P.S.I. to (F)	83 P.S.I.
Final Closed In Period	Minutes	90	(G)	104	P.S.I.	
Final Hydrostatic Pressure			(H)	2240	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 Robert L Layman
Signature of Customer or his authorized representative Robert L. Layman

Western Representative Rod Tritt Thank you

FIELD INVOICE

Open Hole Test	$ 675.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
~~Telecopier~~	$
TOTAL	$ 675.00

WESTERN TESTING CO., INC.
Pressure Data

Date 8-25 | Test Ticket No. 16117

Recorder No. 2606 | Capacity 4150 | Location 4547 Ft.

Clock No. — — — — | Elevation 1611 KB | Well Temperature 126 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2257	P.S.I.	Open Tool	4:00 AM	
B	First Initial Flow Pressure	75	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	75	P.S.I.	Initial Closed-in Pressure	60 Mins.	54 Mins.
D	Initial Closed-in Pressure	102	P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	75	P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	75	P.S.I.			
G	Final Closed-in Pressure	102	P.S.I.			
H	Final Hydrostatic Mud	2238	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	75
P 2 5	
P 3 10	
P 4 15	
P 5 20	
P 6 25	
P 7 30	75
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: 18 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	75
3	76
6	78
9	80
12	82
15	84
18	86
21	88
24	90
27	92
30	94
33	95
36	96
39	97
42	98
45	99
48	100
51	101
54	102
~~57~~	
~~60~~	

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

Point Minutes	Press.
0	75
5	
10	
15	
20	
25	
30	
35	
40	
45	75
50	
55	
60	
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	75
3	76
6	77
9	78
12	79
15	80
18	81
21	82
24	83
27	84
30	85
33	86
36	87
39	88
42	89
45	90
48	91
51	92
54	93
57	94
60	95

cont.

WESTERN TESTING CO., INC.
Pressure Data

Test Ticket No. 16117

Date _____

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

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

Point Mins.	Press.
P 1	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

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

Point Minutes	Press.

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

Point Minutes	Press.
63	96
66	97
69	98
72	99
75	100
78	101
81	102
84	
87	
90	102
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

WTC - 4

2606 DST #1

TKT #16117

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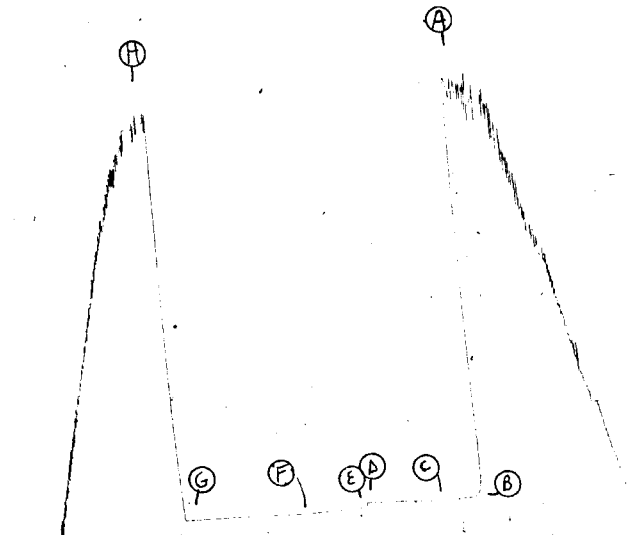

Company Theodore I Leben & Associates Lease & Well No. #1 Bell

Elevation 1611 Kelly Bushing Formation Mississippi Effective Pay -- Ft. Ticket No. 16117

Date 8/25/82 Sec. 26 Twp. 33S Range 13W County Barber State Kansas

Test Approved by Robert L. Layman Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 4544 ft. to 4636 ft. Total Depth 4636 ft.

Packer Depth 4539 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4544 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4547 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4550 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Leben Drilling Rig 11 Drill Collar Length 215 I. D. 2¼ in.

Mud Type chem-drispac Viscosity 47 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 15.6 cc. Drill Pipe Length 4371 I. D. 3.2 in.

Chlorides 13,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 92 ft. Size 5½OD 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 4½FH in.

Blow: Strong blow on initial flow period; strong blow on final flow through 1/2" orifice.
Gas to surface forty two minutes of final flow - too weak to measure.

Recovered 120 ft. of gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:00 A.M. ~~P.M.~~ Time Started Off Bottom 7:45 A.M. ~~P.M.~~ Maximum Temperature 126°

Initial Hydrostatic Pressure			(A) 2257	P.S.I.		
Initial Flow Period	Minutes 30	(B) 75	P.S.I. to	(C) 75	P.S.I.	
Initial Closed In Period	Minutes 54	(D) 102	P.S.I.			
Final Flow Period	Minutes 45	(E) 75	P.S.I. to	(F) 75	P.S.I.	
Final Closed In Period	Minutes 90	(G) 102	P.S.I.			
Final Hydrostatic Pressure			(H) 2238	P.S.I.		

WTC

WESTERN TESTING CO., INC.
Pressure Data

Date 8/25/82 Test Ticket No. 16117

Recorder No. 2606 Capacity 4150 Location 4547 Ft.

Clock No. - Elevation 1611 Kelly Bushing Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2257 P.S.I.	Open Tool	4:00A M	
B First Initial Flow Pressure	75 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	75 P.S.I.	Initial Closed-in Pressure	60 Mins.	54 Mins.
D Initial Closed-in Pressure	102 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	75 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	75 P.S.I.			
G Final Closed-in Pressure	102 P.S.I.			
H Final Hydrostatic Mud	2238 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	75
P 2 5	75
P 3 10	75
P 4 15	75
P 5 20	75
P 6 25	75
P 7 30	75
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 18 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	75
3	76
6	78
9	80
12	82
15	84
18	86
21	88
24	90
27	92
30	94
33	95
36	96
39	97
42	98
45	99
48	100
51	101
54	102

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

Point Minutes	Press.
0	75
5	75
10	75
15	75
20	75
25	75
30	75
35	75
40	75
45	75

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

Point Minutes	Press.
0	75
3	76
6	77
9	78
12	79
15	80
18	81
21	82
24	83
27	84
30	85
33	86
36	87
39	88
42	89
45	90
48	91
51	92
54	93
57	94
60	95

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WESTERN TESTING CO., INC.
Pressure Data

Date 8/25/82 Test Ticket No. 16117

Recorder No. 2606 Capacity 4150 Location 4547 Ft.

Clock No. - Elevation 1611 Kelly Bushing Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2257 P.S.I.	Open Tool	4:00A M	
B First Initial Flow Pressure	75 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	75 P.S.I.	Initial Closed-in Pressure	60 Mins.	54 Mins.
D Initial Closed-in Pressure	102 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	75 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	75 P.S.I.			
G Final Closed-in Pressure	102 P.S.I.			
H Final Hydrostatic Mud	2238 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	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 18 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.

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

Point Minutes	Press.

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

Point Minutes	Press.
63	96
66	97
69	98
72	99
75	100
78	101
81	102
84	102
87	102
90	102