P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET № 6831

Elevation 1499 KB (Kelly Bushing) Formation Mississippi Eff. Pay ____ Ft.

District Pratt Date 8-16-80 Customer Order No. ____

COMPANY NAME Pickrell Drilling Company
ADDRESS Litwin Bld suite 205 110 N. Market Wichita KS
LEASE AND WELL NO. Handkins #1 "B" COUNTY Kingman STATE KS Sec. 34 Twp. 29s Rge. 7w
Mail Invoice To Same (Co. Name) Address No. Copies Requested Reg
Mail Charts To Same Address No. Copies Requested Reg

Formation Test No. 1 Interval Tested from 4131 ft. to 4151 ft. Total Depth 4151 ft.
Packer Depth 4126 ft. Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.
Packer Depth 4131 ft. Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4134 ft. Recorder Number 5673 Cap. 5400
Bottom Recorder Depth (Outside) 4137 ft. Recorder Number 1565 Cap. 4900
Below Straddle Recorder Depth ____ ft. Recorder Number ____ Cap. ____

Drilling Contractor Co Tools
Mud Type Drispac Viscosity 48
Weight 9.2 Water Loss 12.6 cc.
Chlorides 12,000 P.P.M.
Jars: Make — Serial Number —
Did Well Flow? No Reversed Out No

Drill Collar Length — I. D. — in.
Weight Pipe Length 600 I. D. 3.2 in.
Drill Pipe Length 3511 I. D. 3.8 in.
Test Tool Length 20 ft. Tool Size 5½ OD in.
Anchor Length 20 ft. Size 5½ OD in.
Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4½ FH in.

Blow: Strong blow thru ~~Both flow periods~~ throughout test - Gas to surface in 50 min into final flow To Surface To Measure

Recovered 60 ft. of Oil Cut Mud
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Remarks:

RECEIVED AUG 19 1980

on location 1:30 AM pickup tool 6:30 AM off 3:30 PM

Time Set Packer(s) 8:33 A.M. Time Started Off Bottom 1:03 P.M. Maximum Temperature 142

Initial Hydrostatic Pressure		(A) 2067 P.S.I.		
Initial Flow Period	Minutes 30	(B) 27 P.S.I.	to (C) 27 P.S.I.	
Initial Closed In Period	Minutes 60	(D) 765 P.S.I.		
Final Flow Period	Minutes 90	(E) 40 P.S.I.	to (F) 40 P.S.I.	
Final Closed In Period	Minutes 90	(G) 751 P.S.I.		
Final Hydrostatic Pressure		(H) 2013 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 Greg Issinghoff (Greg Issinghoff)
Signature of Customer or his authorized representative

Western Representative Jeff Piotrowski Thank you.

FIELD INVOICE

Open Hole Test	$ ✓ 600.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
~~Standby 3 hrs~~	$ ✓
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage 45 mils	$ 33.75
Fluid Sampler	$
Extra Charts	$
TOTAL	$ 633.75

WESTERN TESTING CO., INC.
Pressure Data

Date 8-16-80 Test Ticket No. 6831

Recorder No. 5673 Capacity 5400 Location 4134 Ft.

Clock No. Elevation 1499 KB Well Temperature 142 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2070 P.S.I.		Open Tool	8:33 AM	
B	First Initial Flow Pressure	47 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	36 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	784 P.S.I.		Second Flow Pressure	90 Mins.	85 Mins.
E	Second Initial Flow Pressure	33 P.S.I.		Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	37 P.S.I.				
G	Final Closed-in Pressure	743 P.S.I.				
H	Final Hydrostatic Mud	2035 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	47
P 2	5	36
P 3	10	36
P 4	15	36
P 5	20	36
P 6	25	36
P 7	30	36
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: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	36
3	219
6	363
9	486
12	579
15	642
18	678
21	710
24	727
27	738
30	743
33	757
36	765
39	768
42	770
45	776
48	779
51	781
54	782
57	783
60	784

Second Flow Pressure
Breakdown: 17 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	33
5	
10	
15	33
20	35
25	36
30	37
35	38
40	39
45	40
50	37
55	37
60	37
65	
70	
75	
80	
85	37

Final Shut-In
Breakdown: 29 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	37
3	295
6	445
9	530
12	585
15	620
18	637
21	656
24	669
27	680
30	689
33	699
36	705
39	709
42	713
45	716
48	719
51	721
54	723
57	725
60	727

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1 of 1

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 6831

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	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	732
P 2		66				66	737
P 3		69				69	739
P 4		72				72	741
P 5		75				75	743
P 6		78				78	743
P 7		81				81	743
P 8		84				84	743
P 9		87				87	743
P10		90				90	
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	

Company Pickrell Drilling Company Lease & Well No. Handkins "B" #1

Elevation 1499 Kelly Bushing Formation Mississippi Effective Pay --- Ft. Ticket No. 6831

Date 8/16/80 Sec. 34 Twp. 29S Range 7W County Kingman State Kansas

Test Approved by Greg Issinghoff Western Representative Jeff Piotrowski

Formation Test No. 1 Interval Tested from 4131 ft. to 4151 ft. Total Depth 4151 ft.

Packer Depth 4126 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4131 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4134 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4137 ft. Recorder Number 1565 Cap. 4900

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

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

Mud Type drispac Viscosity 48 Weight Pipe Length 600 I. D. 3.2 in.

Weight 9.2 Water Loss 12.6 cc. Drill Pipe Length 3511 I. D. 3.8 in.

Chlorides 12,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½ OD in.

Jars: Make Serial Number - Anchor Length 20 ft. Size 5½ OD 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 FH in.

Blow: Strong blow throughout test. Gas to surface fifty minutes into final flow. Too small to measure.

Recovered 60 ft. of oil cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:33 A.M. P.M. Time Started Off Bottom 1:03 A.M. P.M. Maximum Temperature 142°

Initial Hydrostatic Pressure			(A)	2070	P.S.I.	
Initial Flow Period	Minutes 30	(B)	47	P.S.I. to (C)	36	P.S.I.
Initial Closed In Period	Minutes 60	(D)	784	P.S.I.		
Final Flow Period	Minutes 85	(E)	33	P.S.I. to (F)	37	P.S.I.
Final Closed In Period	Minutes 87	(G)	743	P.S.I.		
Final Hydrostatic Pressure		(H)	2035	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 8-16-80 Test Ticket No. 6831

Recorder No. 5673 Capacity 5400 Location 4134 Ft.

Clock No. ------- Elevation 1499 Kelly Bushing Well Temperature 142 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2070 P.S.I.	Open Tool	8:33 AM	
B	First Initial Flow Pressure	47 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	36 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	784 P.S.I.	Second Flow Pressure	90 Mins.	85 Mins.
E	Second Initial Flow Pressure	33 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	37 P.S.I.			
G	Final Closed-in Pressure	743 P.S.I.			
H	Final Hydrostatic Mud	2035 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	47
P 2 5	36
P 3 10	36
P 4 15	36
P 5 20	36
P 6 25	36
P 7 30	36
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	36
3	219
6	36e
9	486
12	578
15	642
18	678
21	710
24	727
27	738
30	743
33	757
36	765
39	768
42	770
45	776
48	779
51	781
54	782
57	783
60	784

Second Flow Pressure
Breakdown: 17 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	33
5	33
10	33
15	33
20	35
25	36
30	37
35	38
40	39
45	40
50	37
55	37
60	37
65	37
70	37
75	37
80	37
85	37

Final Shut-In
Breakdown: 29 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	37
3	295
6	445
9	530
12	585
15	620
18	637
21	656
24	669
27	680
30	689
33	699
36	705
39	709
42	713
45	716
48	719
51	721
54	723
57	725
60	727

Continued on next page

WESTERN TESTING CO., INC.
Pressure Data

Date 8-16-80 Test Ticket No. 6831

Recorder No. 5673 Capacity 5400 Location 4134 Ft

Clock No. ------- Elevation 1499 Kelly Bushing Well Temperature 142 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2070 P.S.I.	Open Tool	8:33 AM	
B	First Initial Flow Pressure	47 P.S.I.	First Flow Pressure	30 Mins.	30 Mins
C	First Final Flow Pressure	36 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins
D	Initial Closed-in Pressure	784 P.S.I.	Second Flow Pressure	90 Mins.	85 Mins
E	Second Initial Flow Pressure	33 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins
F	Second Final Flow Pressure	37 P.S.I.			
G	Final Closed-in Pressure	743 P.S.I.			
H	Final Hydrostatic Mud	2035 P.S.I.			

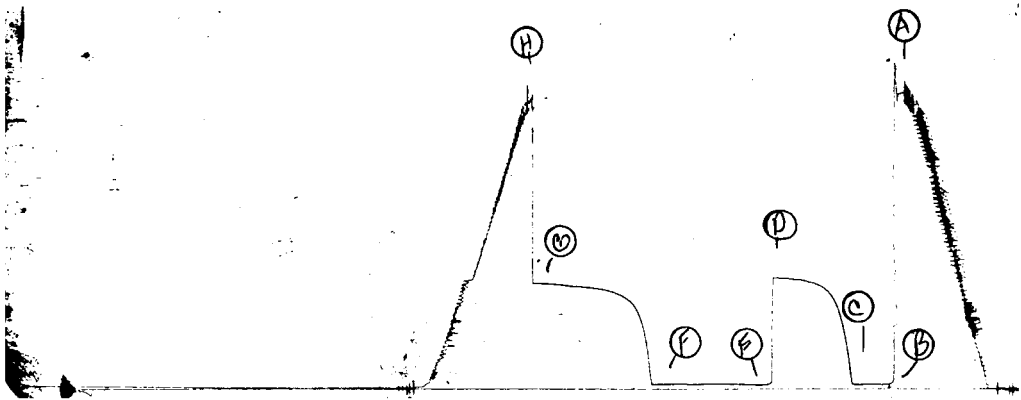
PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: 6 Inc.	Breakdown: 20 Inc.	Breakdown: 17 Inc.	Breakdown: 29 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	732
P 2						66	737
P 3						69	739
P 4						72	741
P 5						75	743
P 6						78	743
P 7						81	743
P 8						84	743
P 9						87	743
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

DST #1

IHD # 6831
I



P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.

FORMATION TESTING

Kelly Bushing

TICKET Nº 6832

Elevation 1499 KB Formation Mississippi Eff. Pay Ft.

District Pratt Date 8-17-80 Customer Order No.

COMPANY NAME Pickrell Drilling Company Petroleum Bldg. 110 N. Market Suite 205

ADDRESS Wichita KS

LEASE AND WELL NO. Hand kins #1 "B" COUNTY Kingman STATE KS Sec. 34 Twp. 29s Rge. 7w

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

Mail Charts To Same No. Copies Requested Reg
Address

Formation Test No. 2 Interval Tested from 4151 ft. to 4176 ft. Total Depth 4176 ft.

Packer Depth 4151 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4146 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4154 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4157 ft. Recorder Number 1565 Cap. 4900

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Co Tools Drill Collar Length — I. D. — in.

Mud Type Drispac Viscosity 48 Weight Pipe Length 600 I. D. 3.2 in.

Weight 9.2 Water Loss 12.6 cc. Drill Pipe Length 3731 I. D. 3.8 in.

Chlorides 12,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½ OD in.

Jars: Make — Serial Number — Anchor Length 25 ft. Size 5½ OD 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 FH in.

Blow: Strong blow throughout Both flow periods Test.

Recovered 70 ft. of Gas Cut Drilling Mud with few specks of Oil

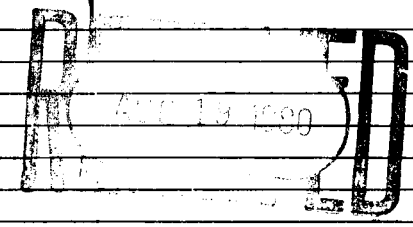
Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:



on location 10:00 pm off 8:00 AM

Time Set Packer(s) 12:43 A.M. Time Started Off Bottom 5:13 A.M. Maximum Temperature 124

Initial Hydrostatic Pressure			(A) 2057	P.S.I.		
Initial Flow Period	Minutes 30	(B) 13	P.S.I. to	(C) 27	P.S.I.	
Initial Closed In Period	Minutes 60	(D) 450	P.S.I.			
Final Flow Period	Minutes 90	(E) 27	P.S.I. to	(F) 40	P.S.I.	
Final Closed In Period	Minutes 90	(G) 450	P.S.I.			
Final Hydrostatic Pressure			(H) 1986	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 Lee Poulsen Lee Poulsen
Signature of Customer or his authorized representative

Western Representative Jeff Piotrowski & Thankyou.

FIELD INVOICE

Open Hole Test	$ 600.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$ N/C
Fluid Sampler	$
Extra Charts	$
TOTAL	$ 600.00

Company Pickrell Drilling Company — Lease & Well No. Handkins "B" #1

Elevation 1499 Kelly Bushing — Formation Mississippi — Effective Pay --- Ft. — Ticket No. 6832

Date 8/17/80 — Sec. 34 — Twp. 29S — Range 7W — County Kingman — State Kansas

Test Approved by Lee Poulsen — Western Representative Jeff Piotrowski

Formation Test No. 2 — Interval Tested from 4151 ft. to 4176 ft. — Total Depth 4176 ft.

Packer Depth 4151 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4146 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4154 ft. — Recorder Number 5673 — Cap. 5400

Bottom Recorder Depth (Outside) 4157 ft. — Recorder Number 1565 — Cap. 4900

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

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

Mud Type drispac — Viscosity 48 — Weight Pipe Length 600 — I. D. 3.2 in.

Weight 9.2 — Water Loss 12.6 cc. — Drill Pipe Length 3731 — I. D. 3.8 in.

Chlorides 12,000 P.P.M. — Test Tool Length 20 ft. — Tool Size 5½OD in.

Jars: Make - — Serial Number - — Anchor Length 25 ft. — Size 5½ODin.

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 throughout test.

Recovered 70 ft. of gas cut drilling mud with few specks of oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:43 ~~P.M.~~ A.M. — Time Started Off Bottom 5:13 ~~A.M.~~ P.M. — Maximum Temperature 124°

Initial Hydrostatic Pressure			(A)	2054	P.S.I.	
Initial Flow Period	Minutes	30	(B)	25	P.S.I. to (C)	18 P.S.I.
Initial Closed In Period	Minutes	57	(D)	440	P.S.I.	
Final Flow Period	Minutes	90	(E)	33	P.S.I. to (F)	39 P.S.I.
Final Closed In Period	Minutes	87	(G)	448	P.S.I.	
Final Hydrostatic Pressure			(H)	2022	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 8-17-80 Test Ticket No. 6832

Recorder No. 5673 Capacity 5400 Location 4154 Ft.

Clock No. Elevation 1499 KB Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2054 P.S.I.	Open Tool	12:43 AM	
B First Initial Flow Pressure	25 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	440 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	33 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F Second Final Flow Pressure	39 P.S.I.			
G Final Closed-in Pressure	448 P.S.I.			
H Final Hydrostatic Mud	2022 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	25
P 2	5	18
P 3	10	
P 4	15	
P 5	20	
P 6	25	
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: 29 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	18
	3	41
	6	68
	9	93
	12	117
	15	139
	18	164
	21	186
	24	205
	27	222
	30	254
	33	279
	36	301
	39	322
	42	339
	45	361
	48	383
	51	399
	54	421
	57	440
	~~60~~	

Second Flow Pressure
Breakdown: 18 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	33
	5	27
	10	27
	15	27
	20	28
	25	29
	30	30
	35	31
	40	32
	45	33
	50	34
	55	35
	60	36
	65	37
	70	38
	75	39
	80	39
	85	39
	90	39

Final Shut-In
Breakdown: 29 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	39
	3	49
	6	63
	9	82
	12	101
	15	120
	18	137
	21	153
	24	172
	27	191
	30	209
	33	227
	36	243
	39	257
	42	270
	45	287
	48	301
	51	314
	54	328
	57	342
	60	350

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cont.

WESTERN TESTING CO., INC.

Pressure Data

Date _____ Test Ticket No. 6832

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		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	360
P 2		66				66	373
P 3		69				69	388
P 4		72				72	402
P 5		75				75	410
P 6		78				78	421
P 7		81				81	432
P 8		84				84	443
P 9		87				87	448
P10		90				90	
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

WESTERN TESTING CO., INC.
Pressure Data

Date 8-17-80 Test Ticket No. 6832

Recorder No. 5673 Capacity 5400 Location 4154 Ft

Clock No. ---------- Elevation 1499 Kelly Bushing Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2054 P.S.I.		Open Tool	12:43 A M	
B	First Initial Flow Pressure	25 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	440 P.S.I.		Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	33 P.S.I.		Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	39 P.S.I.				
G	Final Closed-in Pressure	448 P.S.I.				
H	Final Hydrostatic Mud	2022 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	25
P 2 5	18
P 3 10	18
P 4 15	18
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: 29 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	18
3	41
6	68
9	93
12	117
15	139
18	164
21	186
24	205
27	232
30	254
33	279
36	301
39	322
42	339
45	361
48	383
51	399
54	421
57	440

Second Flow Pressure
Breakdown: 18 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	33
5	27
10	27
15	27
20	28
25	29
30	30
35	31
40	32
45	33
50	34
55	35
60	36
65	37
70	38
75	39
80	39
85	39
90	39

Final Shut-In
Breakdown: 29 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	39
3	49
6	63
9	82
12	101
15	120
18	137
21	153
24	172
27	191
30	209
33	227
36	243
39	257
42	270
45	287
48	301
51	314
54	328
57	342
60	350

Continued on next page

WESTERN TESTING CO., INC.
Pressure Data

Date 8-17-80 Test Ticket No. 6832

Recorder No. 5673 Capacity 5400 Location 4154 Ft.

Clock No. ---------- Elevation 1499 Kelly Bushing Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2054 P.S.I.		Open Tool	12:43 A M	
B	First Initial Flow Pressure	25 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	440 P.S.I.		Second Flow Pressure	90 Mins.	90 Mins
E	Second Initial Flow Pressure	33 P.S.I.		Final Closed-in Pressure	90 Mins.	87 Mins
F	Second Final Flow Pressure	39 P.S.I.				
G	Final Closed-in Pressure	448 P.S.I.				
H	Final Hydrostatic Mud	2022 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: 6 Inc.	Breakdown: 29 Inc.	Breakdown: 18 Inc.	Breakdown: 29 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	360
P 2						66	373
P 3						69	388
P 4						72	402
P 5						75	410
P 6						78	421
P 7						81	432
P 8						84	443
P 9						87	448
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

5673
DST #2

Lkt #6832

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