WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 6594

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

Kelly Bushing

Elevation 1472 KB Formation Lansing Eff. Pay Ft.

District Pratt Date 8-25-80 Customer Order No.

COMPANY NAME Pickrell Drilling Co Litwin Bldg Suite 205

ADDRESS 110 North Market Wichita, Kansas 67202

LEASE AND WELL NO. #2 Sitts B COUNTY Pengman STATE Kans Sec. 4 Twp 30S 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 1 Interval Tested from 3690 ft. to 3731 ft. Total Depth 3731 ft.

Packer Depth 3685 ft.	Size 6 3/4 in.	Packer Depth — ft.	Size — in.
Packer Depth 3690 ft.	Size 6 3/4 in.	Packer Depth — ft.	Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside)	3694 ft.	Recorder Number 2606	Cap. 4150
Bottom Recorder Depth (Outside)	3697 ft.	Recorder Number 4332	Cap. 4200
Below Straddle Recorder Depth	— ft.	Recorder Number	Cap.

Drilling Contractor Co Tools		Drill Collar Length —	I. D. — in.
Mud Type Semi Dispersed Viscosity 38		Weight Pipe Length 560	I. D. 2 7/8 in.
Weight 9.1 Water Loss 35 cc.		Drill Pipe Length 3110	I. D. 3.8 in.
Chlorides 14,000 P.P.M.		Test Tool Length 20 ft.	Tool Size 5 1/2 FH in.
Jars: Make DO Serial Number —		Anchor Length 41 ft.	Size 5 1/2 FH 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 XH in.

Blow: Good to strong blow on initial flow opened
Strong blow on final flow Gas to Surface

Recovered 480 ft. of Muddy Water Chlorides 113,000 P.P.M

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Anchor 6:15 PM tool up 6:45 P.M tool down 1:15 off bot 2:30 AM

Time Set Packer(s) 8:15 P.M.	Time Started Off Bottom 11:15 P.M.			Maximum Temperature 122° f	
Initial Hydrostatic Pressure		(A) 1768	P.S.I.		
Initial Flow Period Minutes 30		(B) 72	P.S.I. to	(C) 83	P.S.I.
Initial Closed In Period Minutes 30		(D) 1350	P.S.I.		
Final Flow Period Minutes 60		(E) 187	P.S.I. to	(F) 239	P.S.I.
Final Closed In Period Minutes 60		(G) 1350	P.S.I.		
Final Hydrostatic Pressure		(H) 1747	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 Thomas Funk Thomas Funk
Signature of Customer or his authorized representative

Western Representative Rod Sitts Thank you

Could not find

FIELD INVOICE

Open Hole Test	$ 550 00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage 45mi @ 45 mi 33 75	
Fluid Sampler	$
Extra Charts	$
TOTAL	$ 583 75

WESTERN TESTING CO., INC.
Pressure Data

Date 6-25-80 Test Ticket No. 6594

Recorder No. 2606 Capacity 4150 Location 3694 Ft.

Clock No. Elevation 1472 KB Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1786 P.S.I.		Open Tool	8:15 PM	
B	First Initial Flow Pressure	68 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	87 P.S.I.		Initial Closed-in Pressure	30 Mins.	33 Mins.
D	Initial Closed-in Pressure	1344 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	177 P.S.I.		Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	239 P.S.I.				
G	Final Closed-in Pressure	1354 P.S.I.				
H	Final Hydrostatic Mud	1750 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	68
P 2	5	
P 3	10	
P 4	15	68
P 5	20	73
P 6	25	83
P 7	30	87
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: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	87
3	925
6	1104
9	1184
12	1224
15	1253
18	1277
21	1294
24	1309
27	1323
30	1333
33	1344
36	
39	
42	
45	
48	
51	
54	
57	
60	

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

Point Minutes	Press.
0	177
5	
10	
15	177
20	181
25	187
30	198
35	204
40	211
45	218
50	227
55	234
60	239
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	239
3	990
6	1093
9	1153
12	1186
15	1215
18	1236
21	1254
24	1269
27	1280
30	1288
33	1296
36	1304
39	1313
42	1320
45	1326
48	1332
51	1338
54	1344
57	1349
60	1354

Company: Pickrell Drilling Company | Lease & Well No.: Sitts "B" #2

Elevation: 1472 Kelly Bushing | Formation: Lansing | Effective Pay: --- Ft. | Ticket No.: 6594

Date: 8/25/80 | Sec.: 4 | Twp.: 30S | Range: 7W | County: Kingman | State: Kansas

Test Approved by: Thomas Funk | Western Representative: Rod Tritt

Formation Test No.: 1 | Interval Tested from: 3690 ft. to: 3731 ft. | Total Depth: 3731 ft.

Packer Depth: 3685 ft. | Size: 6 3/4 in. | Packer Depth: - ft. | Size: - in.

Packer Depth: 3690 ft. | Size: 6 3/4 in. | Packer Depth: - ft. | Size: - in.

Depth of Selective Zone Set: -

Top Recorder Depth (Inside): 3694 ft. | Recorder Number: 2606 | Cap.: 4150

Bottom Recorder Depth (Outside): 3697 ft. | Recorder Number: 4332 | Cap.: 4200

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

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

Mud Type: premix-drispac | Viscosity: 38 | Weight Pipe Length: 560 | I. D.: 2½ in.

Weight: 9.1 | Water Loss: 35 cc. | Drill Pipe Length: 3110 | I. D.: 3.8 in.

Chlorides: 14,000 P.P.M. | Test Tool Length: 20 ft. | Tool Size: 5½FH in.

Jars: Make: No | Serial Number: - | Anchor Length: 41 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: Good to strong blow on initial flow period. Strong blow on final flow period. No gas to surface

Recovered: 480 ft. of muddy water Chlorides 113,000 ppm

Recovered: ft. of

Recovered: ft. of

Recovered: ft. of

Recovered: ft. of

Remarks:

Time Set Packer(s): 8:15 ~~A.M.~~ P.M. | Time Started Off Bottom: 11:15 ~~A.M.~~ P.M. | Maximum Temperature: 122°

Initial Hydrostatic Pressure			(A)	1786	P.S.I.	
Initial Flow Period	Minutes 30		(B)	68	P.S.I. to (C)	87 P.S.I.
Initial Closed In Period	Minutes 33		(D)	1344	P.S.I.	
Final Flow Period	Minutes 60		(E)	177	P.S.I. to (F)	239 P.S.I.
Final Closed In Period	Minutes 60		(G)	1354	P.S.I.	
Final Hydrostatic Pressure			(H)	1750	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 6/25/80 Test Ticket No. 6594

Recorder No. 2606 Capacity 4150 Location 3694 Ft.

Clock No. - Elevation 1472 Kelly Bushing Well Temperature 122 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1786	P.S.I.
B	First Initial Flow Pressure	68	P.S.I.
C	First Final Flow Pressure	87	P.S.I.
D	Initial Closed-in Pressure	1344	P.S.I.
E	Second Initial Flow Pressure	177	P.S.I.
F	Second Final Flow Pressure	239	P.S.I.
G	Final Closed-in Pressure	1354	P.S.I.
H	Final Hydrostatic Mud	1750	P.S.I.

	Time Given	Time Computed
Open Tool	8:15P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	33 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	60 Mins.	60 Mins.

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 11 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	68		0	87		0	177		0	239
P 2	5	68		3	925		5	177		3	990
P 3	10	68		6	1104		10	177		6	1093
P 4	15	68		9	1184		15	177		9	1153
P 5	20	73		12	1224		20	181		12	1186
P 6	25	83		15	1253		25	187		15	1215
P 7	30	87		18	1277		30	198		18	1236
P 8				21	1294		35	204		21	1254
P 9				24	1309		40	211		24	1269
P10				27	1323		45	218		27	1280
P11				30	1333		50	227		30	1288
P12				33	1344		55	234		33	1296
P13							60	239		36	1304
P14										39	1313
P15										42	1320
P16										45	1326
P17										48	1332
P18										51	1338
P19										54	1344
P20										57	1349
										60	1354

Tbt #6594
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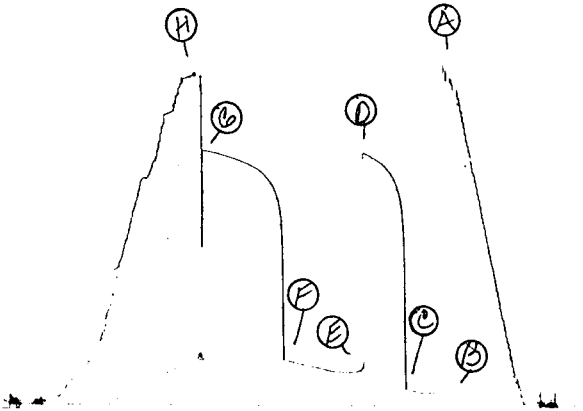

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 6595

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

Kelly Bushing — Kansas City

Elevation 1472 KB Formation Base KC Eff. Pay Ft.

District PRATT Date 8-26-80 Customer Order No.

COMPANY NAME Pickrell Drilling Co Litwin Bldg, Suite 205

ADDRESS 110 North Market Wichita Kns 67202

LEASE AND WELL NO. #2 Sitts B COUNTY Kingman STATE Kansas Sec. 4 Twp. 30S Rge. 7W

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

Mail Charts To Same No. Copies Requested Reg
Address

Formation Test No. 2 Interval Tested from 3740 ft. to 3770 ft. Total Depth 3770 ft.

Packer Depth 3735 ft. Size 6¾ in. Packer Depth — ft. Size — in.

Packer Depth 3740 ft. Size 6¾ in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 3744 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 3747 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Co Tools

Mud Type Chemical Dispersed Viscosity 38

Weight 9.0 Water Loss 12.0 cc.

Chlorides 12,000 P.P.M.

Jars: Make NO Serial Number —

Did Well Flow? NO Reversed Out NO

Drill Collar Length — I. D. — in.

Weight Pipe Length 560 I. D. 2¼ in.

Drill Pipe Length 3159 I. D. 3.8 in.

Test Tool Length 20 ft. Tool Size 5½ OD in.

Anchor Length 31 ft. Size 5½ OD in.

Surface Choke Size ¾ in. Bottom Choke Size ¾ in.

Main Hole Size 7⅞ in. Tool Joint Size 4½ FH in.

Blow: Strong blow in 1 min on initial flow period
Strong blow on final flow NO gas to surf

Recovered 660 ft. of slightly oil spotted muddy water

Recovered ft. of Chlorides 122 PPM

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

On loc 10:00 AM Tool up 10:30 AM Tool down P.M. off loc.

Time Set Packer(s) 11:35 A.M. P.M. Time Started Off Bottom 2:35 A.M. P.M. Maximum Temperature 129°F

Initial Hydrostatic Pressure		(A)	1821	P.S.I.		
Initial Flow Period	Minutes 30	(B)	83	P.S.I. to	(C) 124	P.S.I.
Initial Closed In Period	Minutes 30	(D)	1423	P.S.I.		
Final Flow Period	Minutes 60	(E)	239	P.S.I. to	(F) 312	P.S.I.
Final Closed In Period	Minutes 60	(G)	1423	P.S.I.		
Final Hydrostatic Pressure		(H)	1821	P.S.I.		

COMPANY TERMS

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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 Thomas Funk
Signature of Customer or his authorized representative

Western Representative Lockett Thank You.

RECEIVED SEP 2 - 1980

FIELD INVOICE

Open Hole Test	$ 550 00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$ 75
Circ. Sub.	$ 37 50
Mileage	$ 345 mi
Fluid Sampler	$
Extra Charts	$
TOTAL	$ 583 75

WESTERN TESTING CO., INC.
Pressure Data

Date 8-26-80 Test Ticket No. 6595

Recorder No. 2606 Capacity 4150 Location 3944 Ft.

Clock No. Elevation 1472 KB Well Temperature 129 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1821 P.S.I.		Open Tool	11:35 AM	
B	First Initial Flow Pressure	79 P.S.I.		First Flow Pressure	30 Mins.	25 Mins.
C	First Final Flow Pressure	119 P.S.I.		Initial Closed-in Pressure	30 Mins.	33 Mins.
D	Initial Closed-in Pressure	1415 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	218 P.S.I.		Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	312 P.S.I.				
G	Final Closed-in Pressure	1424 P.S.I.				
H	Final Hydrostatic Mud	1815 P.S.I.				

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	79
P 2 5	79
P 3 10	86
P 4 15	97
P 5 20	111
P 6 25	119
P 7 30	
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: 11 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	119
3	1267
6	1325
9	1354
12	1371
15	1384
18	1390
21	1398
24	1404
27	1408
30	1413
33	1415
36	
39	
42	
45	
48	
51	
54	
57	
60	

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

Point Minutes	Press.
0	218
5	218
10	218
15	223
20	233
25	245
30	256
35	266
40	279
45	287
50	297
55	305
60	312
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	312
3	1259
6	1325
9	1347
12	1361
15	1373
18	1381
21	1388
24	1392
27	1396
30	1400
33	1404
36	1408
39	1410
42	1412
45	1415
48	1418
51	1421
54	1422
57	1423
60	1424

Company Pickrell Drilling Company Lease & Well No. Sitts "B"#2

Elevation 1472 Kelly Bushing Formation Base Kansas City Effective Pay --- Ft. Ticket No. 6595

Date 8/26/80 Sec. 4 Twp. 30S Range 7W County Kingman State Kansas

Test Approved by Thomas Funk Western Representative Rod Tritt

Formation Test No. 2 Interval Tested from 3740 ft. to 3770 ft. Total Depth 3770 ft.

Packer Depth 3735 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3740 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3744 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 3747 ft. Recorder Number 4332 Cap. 4200

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

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

Mud Type premix-drispac Viscosity 38 Weight Pipe Length 560 I. D. 2½ in.

Weight 9.0 Water Loss 12.0 cc. Drill Pipe Length 3159 I. D. 3.8 in.

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

Jars: Make No Serial Number - Anchor Length 31 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 in ten minutes on initial flow period. Strong blow on final flow period. No gas to surface

Recovered 660 ft. of slightly oil spotted muddy water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:35 A.M. P.M. Time Started Off Bottom 2:35 A.M. P.M. Maximum Temperature 129°

Initial Hydrostatic Pressure			(A) 1821	P.S.I.		
Initial Flow Period	Minutes 25	(B) 79	P.S.I. to	(C) 119	P.S.I.	
Initial Closed In Period	Minutes 33	(D) 1415	P.S.I.			
Final Flow Period	Minutes 60	(E) 218	P.S.I. to	(F) 312	P.S.I.	
Final Closed In Period	Minutes 60	(G) 1424	P.S.I.			
Final Hydrostatic Pressure			(H) 1815	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 8/26/80 Test Ticket No. 6595

Recorder No. 2606 Capacity 4150 Location 3744 Ft.

Clock No. - Elevation 1472 Kelly Bushing Well Temperature 129 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1821 P.S.I.		Open Tool	11:35A M	
B	First Initial Flow Pressure	79 P.S.I.		First Flow Pressure	30 Mins.	25 Mins.
C	First Final Flow Pressure	119 P.S.I.		Initial Closed-in Pressure	30 Mins.	33 Mins.
D	Initial Closed-in Pressure	1415 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	218 P.S.I.		Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	312 P.S.I.				
G	Final Closed-in Pressure	1424 P.S.I.				
H	Final Hydrostatic Mud	1815 P.S.I.				

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	79
P 2 5	79
P 3 10	86
P 4 15	97
P 5 20	111
P 6 25	119
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 11 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	119
3	1267
6	1325
9	1354
12	1371
15	1384
18	1390
21	1398
24	1404
27	1408
30	1413
33	1415

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

Point Minutes	Press.
0	218
5	218
10	218
15	223
20	233
25	245
30	256
35	266
40	279
45	287
50	297
55	305
60	312

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

Point Minutes	Press.
0	312
3	1259
6	1325
9	1347
12	1361
15	1373
18	1381
21	1388
24	1392
27	1396
30	1400
33	1404
36	1408
39	1410
42	1412
45	1415
48	1418
51	1421
54	1422
57	1423
60	1424

2606 PSTH2

JH #6595

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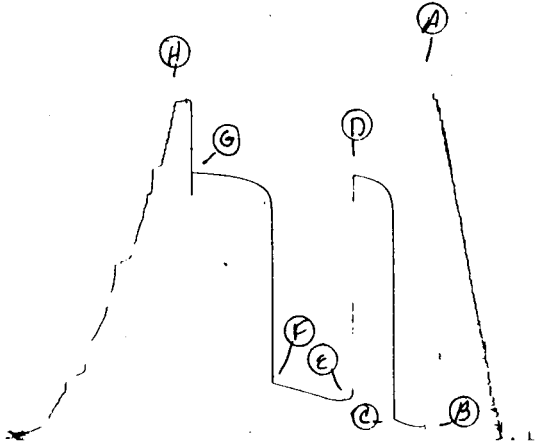

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.

OK

FORMATION TESTING

TICKET Nº 6596

Kelly Bushing

Elevation 1472 KB Formation Mississippi Eff. Pay Ft.

District PRATT Date 8-28-80 Customer Order No.

COMPANY NAME Pickrell Drilling Co Kitwin Bldg Suite 205

ADDRESS 110 North Market Wichita, Kansas 67202

LEASE AND WELL NO. 2 Sitts "B" COUNTY Kingman STATE Kansas Sec. 4 Twp. 30 S 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. 3 Interval Tested from 4094 ft. to 4112 ft. Total Depth 4112 ft.

Packer Depth 4089 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4094 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4098 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4101 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Co Tools

Mud Type Desspac Viscosity 42

Weight 9.1 Water Loss 13.4 cc.

Chlorides 11,000 P.P.M.

Jars: Make NO Serial Number —

Did Well Flow? NO Reversed Out NO

Drill Collar Length — I. D. — in.

Weight Pipe Length 560 I. D. 2 1/2 in.

Drill Pipe Length 3514 I. D. 3.8 in.

Test Tool Length 20 ft. Tool Size 5 1/2 OD in.

Anchor Length 18 ft. Size 5 1/2 OD in.

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 through out test gas to surface 25 mm / See flow charts

Recovered 90 ft. of Slightly oil & Gas cut Drilling mud
3% oil
5% water
92% mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

on loc 2:30 AM tool up 4:15 AM down 11:15 off loc 12:00 Standby

Time Set Packer(s) 5:58 A.M. P.M. Time Started Off Bottom 9:50 A.M. P.M. Maximum Temperature 128°F

Initial Hydrostatic Pressure			(A)	2083	P.S.I.	
Initial Flow Period	Minutes	30	(B)	124	P.S.I. to (C)	83 P.S.I.
Initial Closed In Period	Minutes	60	(D)	675	P.S.I.	
Final Flow Period	Minutes	60	(E)	104	P.S.I. to (F)	83 P.S.I.
Final Closed In Period	Minutes	90	(G)	675	P.S.I.	
Final Hydrostatic Pressure			(H)	2031	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 Thomas Funk
Signature of Customer or his authorized representative

RECEIVED
SEP 2 - 1980

Western Representative Red Hitt Thank You

FIELD INVOICE

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

Phone 316 838-0601

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

No. 2067

Date 8-28-80 Ticket 6596 Company Pickrell Drilling Co

Well Name and No. 2 Sitts B Dst No. 3 Interval Tested 4094-4112

County Kingman State Kansas Sec. 4 Twp. 30S Rg. 7W

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
	Inches of Water				**PRE FLOW**
25		1/4			Gas to Surface OK
30	70 inches	"			14,100 Cubic Foot Per Day
	Inches of Water				**SECOND FLOW**
10	6	1/4			~~on Opening 27,800 Mcfpd too~~ 34,700 ~~Mcfpd~~ Cubic Feet Per Day
20	3				24,500 " ~~Mcfpd~~ Cubic Feet Per Day
30	3				
40	3				
50	3				
60	3				
	No gas sample taken				

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 Pickrell Drlg Co

Authorized by Thomas Funk (Tool Pusher)

FORM WTC 9

WESTERN TESTING CO., INC.
Pressure Data

Date 8-28-80 Test Ticket No. 6596

Recorder No. 2606 Capacity 4150 Location 4098 Ft.

Clock No. Elevation 1472 KB Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2086 P.S.I.	Open Tool	5:50 AM	
B First Initial Flow Pressure	79 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	79 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	666 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	87 P.S.I.	Final Closed-in Pressure	90 Mins.	93 Mins.
F Second Final Flow Pressure	87 P.S.I.			
G Final Closed-in Pressure	665 P.S.I.			
H Final Hydrostatic Mud	2010 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	79
P 2	5	
P 3	10	
P 4	15	
P 5	20	
P 6	25	
P 7	30	79
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	79
3	329
6	439
9	508
12	552
15	581
18	597
21	610
24	624
27	631
30	638
33	643
36	648
39	654
42	658
45	661
48	662
51	663
54	664
57	665
60	666

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

Point Minutes	Press.
0	87
5	
10	
15	
20	
25	
30	
35	
40	
45	
50	
55	
60	87
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 31 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	87
3	312
6	420
9	479
12	521
15	552
18	575
21	588
24	604
27	614
30	620
33	629
36	634
39	638
42	642
45	645
48	648
51	651
54	653
57	655
60	657

WTC - 4

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 6596

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	658
P 2		66				66	659
P 3		69				69	660
P 4		72				72	660
P 5		75				75	660
P 6		78				78	660
P 7		81				81	661
P 8		84				84	662
P 9		87				87	663 ~~664~~
P10		90				90	664 ~~665~~
P11		93				93	665
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. Sitts #2"B"

Elevation 1472 Kelly Bushing Formation Mississippi Effective Pay --- Ft. Ticket No. 6596

Date 8/28/80 Sec. 4 Twp. 30S Range 7W County Kingman State Kansas

Test Approved by Thomas Funk Western Representative Rod Tritt

Formation Test No. 3 Interval Tested from 4094 ft. to 4112 ft. Total Depth 4112 ft.

Packer Depth 4089 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4094 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4098 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4101 ft. Recorder Number 4332 Cap. 4200

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

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

Mud Type drispac Viscosity 42 Weight Pipe Length 560 I. D. 2½ in.

Weight 9.1 Water Loss 13.4 cc. Drill Pipe Length 3514 I. D. 3.8 in.

Chlorides 11,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 18 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 throughout test. Gas to surface in twenty-five minutes. See attached sheet for gas measurements.

Recovered 90 ft. of slightly oil and gas cut drilling mud

Recovered ft. of 3% oil

Recovered ft. of 5% water

Recovered ft. of 92% mud

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:50 A.M. =~~P.M.~~= Time Started Off Bottom 9:50 A.M. =~~P.M.~~= Maximum Temperature 128°

Initial Hydrostatic Pressure ..... (A) 2086 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 79 P.S.I. to (C) 79 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 666 P.S.I.

Final Flow Period ..... Minutes 60 (E) 87 P.S.I. to (F) 87 P.S.I.

Final Closed In Period ..... Minutes 93 (G) 665 P.S.I.

Final Hydrostatic Pressure ..... (H) 2010 P.S.I.

GAS FLOW REPORT

Date 8/28/80 Ticket 6596 Company Pickrell Drilling Company

Well Name and No. Sitts "B"#2 Dst No. 3 Interval Tested 4094'-4112'

County Kingman State Kansas Sec. 4 Twp. 30S Rg. 7W

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
			PRE FLOW			
	25 min.			1/4" orifice		Gas to surface
	30 min.	70" of water		1/4" orifice		14,100 CFPD
			SECOND FLOW			
	10 min.	6" of water		3/4" orifice		34,700 CFPD
	20 min.	3" of water		3/4" orifice		24,500 CFPD
	30 min.	3" of water		3/4" orifice		24,500 CFPD
	40 min.	3" of water		3/4" orifice		24,500 CFPD
	50 min.	3" of water		3/4" orifice		24,500 CFPD
	60 min.	3" of water		3/4" orifice		24,500 CFPD
		No Gas sample		taken		

GAS BOTTLE

Serial No. -- Date Bottle Filled --- Date to be Invoiced 8/28/80

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 Pickrell Drilling Company

Thomas Funk

Authorized by

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 8/28/80 Test Ticket No. 6596

Recorder No. 2606 Capacity 4150 Location 4098 Ft

Clock No. - Elevation 1472 Kelly Bushing Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2086 P.S.I.	Open Tool	5:50A M	
B First Initial Flow Pressure	79 P.S.I.	First Flow Pressure	30 Mins.	30 Mins
C First Final Flow Pressure	79 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins
D Initial Closed-in Pressure	666 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins
E Second Initial Flow Pressure	87 P.S.I.	Final Closed-in Pressure	90 Mins.	93 Mins
F Second Final Flow Pressure	87 P.S.I.			
G Final Closed-in Pressure	665 P.S.I.			
H Final Hydrostatic Mud	2010 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	79
P 2 5	79
P 3 10	79
P 4 15	79
P 5 20	79
P 6 25	79
P 7 30	79
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	79
3	329
6	439
9	508
12	552
15	581
18	597
21	610
24	624
27	631
30	638
33	643
36	648
39	654
42	658
45	661
48	662
51	663
54	664
57	665
60	666

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

Point Minutes	Press.
0	87
5	87
10	87
15	87
20	87
25	87
30	87
35	87
40	87
45	87
50	87
55	87
60	87

Final Shut-In
Breakdown: 31 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	87
3	312
6	420
9	479
12	521
15	552
18	575
21	588
24	604
27	614
30	620
33	629
36	634
39	638
42	642
45	645
48	648
51	651
54	653
57	655
60	657

continued

WESTERN TESTING CO., INC.
Pressure Data

Date 8/28/80 Test Ticket No. 6596

Recorder No. 2606 Capacity 4150 Location 4098 Ft.

Clock No. - Elevation 1472 Kelly Bushing Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2086 P.S.I.		Open Tool	5:50A M	
B	First Initial Flow Pressure	79 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	79 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	666 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	87 P.S.I.		Final Closed-in Pressure	90 Mins.	93 Mins.
F	Second Final Flow Pressure	87 P.S.I.				
G	Final Closed-in Pressure	665 P.S.I.				
H	Final Hydrostatic Mud	2010 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 20 Inc.		Breakdown: 12 Inc.		Breakdown: 31 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	658
P 2						66	659
P 3						69	660
P 4						72	660
P 5						75	660
P 6						78	660
P 7						81	661
P 8						84	662
P 9						87	663
P10						90	664
P11						93	665
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

JKt #6596

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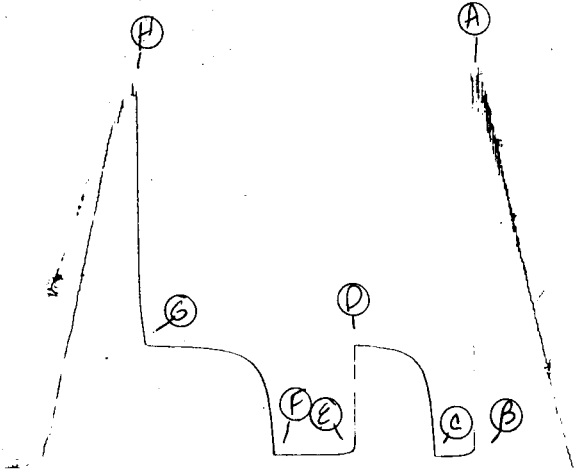

OK

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET Nº 6597

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

Kelly Bushing

Elevation 1472 KB Formation Mississippi Eff. Pay Ft.

District PRATT Date 8-28-80 Customer Order No.

COMPANY NAME Pickrell Drilling Co Litwin Bldg Suite 205

ADDRESS 110 North market

LEASE AND WELL NO. Sitts B COUNTY Ringman STATE Kansas Sec. 4 Twp. 30S 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. 4 Interval Tested from 4112 ft. to 4142 ft. Total Depth 4142 ft.

Packer Depth 4107 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4112 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4116 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4119 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Co Tools

Mud Type Dispac Viscosity 42

Weight 9.1 Water Loss 13.4 cc.

Chlorides 11,000 P.P.M.

Jars: Make NO Serial Number —

Did Well Flow? NO Reversed Out NO

Drill Collar Length — I. D. — in.

Weight Pipe Length 560 I. D. 2 1/2 in.

Drill Pipe Length 3532 I. D. 3.8 in.

Test Tool Length 20 ft. Tool Size 5 3/4 OD in.

Anchor Length 30 ft. Size 5 3/4 OD in.

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: Weak blow on initial flow - died in 15 min
Weak blow on final flow - Very weak for 30 min

Recovered 40 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

RECEIVED
SEP 2 - 1980
KCC

Out of from last test - tool up 5:00 PM tool down 3:30 AM off loc.

Time Set Packer(s) 9:10 P.M. A.M. Time Started Off Bottom 1:40 A.M. P.M. Maximum Temperature 130° F

Initial Hydrostatic Pressure			(A)	2083	P.S.I.	
Initial Flow Period	Minutes 30	(B)	83	P.S.I. to	(C) 62	P.S.I.
Initial Closed In Period	Minutes 60	(D)	104	P.S.I.		
Final Flow Period	Minutes 90	(E)	52	P.S.I. to	(F) 52	P.S.I.
Final Closed In Period	Minutes 90	(G)	104	P.S.I.		
Final Hydrostatic Pressure		(H)	2031	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 Thomas Funk
Signature of Customer or his authorized representative

Western Representative Rod Tritt Thank You

FIELD INVOICE

Open Hole Test	$ 600.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$ 0.00
Extra Charts	$
TOTAL	$ 600.00

WESTERN TESTING CO., INC.
Pressure Data

Date 8-28-80 Test Ticket No. 6597

Recorder No. 2606 Capacity 4150 Location 4116 Ft.

Clock No. Elevation 1472 KB Well Temperature 130 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2071 P.S.I.	Open Tool	9:10 PM	
B	First Initial Flow Pressure	58 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	58 P.S.I.	Initial Closed-in Pressure	60 Mins.	54 Mins.
D	Initial Closed-in Pressure	92 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	56 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	56 P.S.I.			
G	Final Closed-in Pressure	88 P.S.I.			
H	Final Hydrostatic Mud	2025 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	58
P 2	5	
P 3	10	
P 4	15	
P 5	20	
P 6	25	
P 7	30	58
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	58
3	
6	
9	
12	
15	58
18	60
21	62
24	63
27	66
30	70
33	72
36	74
39	75
42	78
45	80
48	84
51	88
54	92
57	
60	

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

Point Minutes	Press.
0	56
5	
10	
15	
20	
25	
30	
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	56

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

Point Minutes	Press.
0	56
3	
6	
9	
12	
15	
18	
21	
24	
27	
30	
33	
36	
39	
42	56
45	58
48	61
51	64
54	66
57	68
60	70

cont

WTC - 4

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 6597

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	72
P 2		66				66	75
P 3		69				69	78
P 4		72				72	81
P 5		75				75	83
P 6		78				78	84
P 7		81				81	85
P 8		84				84	86
P 9		87				87	87
P10		90				90	88
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. Sitts "B"#2

Elevation 1472 Kelly Bushing Formation Mississippi Effective Pay --- Ft. Ticket No. 6597

Date 8/28/80 Sec. 4 Twp. 30S Range 7W County Kingman State Kansas

Test Approved by Thomas Funk Western Representative Rod Tritt

Formation Test No. 4 Interval Tested from 4112 ft. to 4142 ft. Total Depth 4142 ft.

Packer Depth 4107 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4112 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4116 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4119 ft. Recorder Number 4332 Cap. 4200

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

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

Mud Type drispac Viscosity 42 Weight Pipe Length 560 I. D. 2½ in.

Weight 9.1 Water Loss 13.4 cc. Drill Pipe Length 3532 I. D. 3.8 in.

Chlorides 11,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 30 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: Weak blow on initial flow;died in fifteen minutes. Weak blow on final flow. Very weak last thirty minutes.

Recovered 40 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:10 ~~A.M.~~ P.M. Time Started Off Bottom 1:40 A.M. ~~P.M.~~ Maximum Temperature 130°

Initial Hydrostatic Pressure			(A)	2071	P.S.I.	
Initial Flow Period	Minutes	30	(B)	58	P.S.I. to (C)	58 P.S.I.
Initial Closed In Period	Minutes	54	(D)	92	P.S.I.	
Final Flow Period	Minutes	90	(E)	56	P.S.I. to (F)	56 P.S.I.
Final Closed In Period	Minutes	90	(G)	88	P.S.I.	
Final Hydrostatic Pressure			(H)	2025	P.S.I.	

WESTERN TESTING CO., INC.

Pressure Data

Date 8/28/80 Test Ticket No. 6597

Recorder No. 2606 Capacity 4150 Location 4116 Ft.

Clock No. - Elevation 1472 Kelly Bushing Well Temperature 130 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2071	P.S.I.
B	First Initial Flow Pressure	58	P.S.I.
C	First Final Flow Pressure	58	P.S.I.
D	Initial Closed-in Pressure	92	P.S.I.
E	Second Initial Flow Pressure	56	P.S.I.
F	Second Final Flow Pressure	56	P.S.I.
G	Final Closed-in Pressure	88	P.S.I.
H	Final Hydrostatic Mud	2025	P.S.I.

	Time Given	Time Computed
Open Tool	9:10P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	54 Mins.
Second Flow Pressure	90 Mins.	90 Mins.
Final Closed-in Pressure	90 Mins.	90 Mins.

PRESSURE BREAKDOWN

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

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

Second Flow Pressure
Breakdown: 18 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	First Flow Pressure Mins.	First Flow Pressure Press.	Initial Shut-In Minutes	Initial Shut-In Press.	Second Flow Pressure Minutes	Second Flow Pressure Press.	Final Shut-In Minutes	Final Shut-In Press.
P 1	0	58	0	58	0	56	0	56
P 2	5	58	3	58	5	56	3	56
P 3	10	58	6	58	10	56	6	56
P 4	15	58	9	58	15	56	9	56
P 5	20	58	12	58	20	56	12	56
P 6	25	58	15	58	25	56	15	56
P 7	30	58	18	60	30	56	18	56
P 8			21	62	35	56	21	56
P 9			24	63	40	56	24	56
P10			27	66	45	56	27	56
P11			30	70	50	56	30	56
P12			33	72	55	56	33	56
P13			36	74	60	56	36	56
P14			39	75	65	56	39	56
P15			42	78	70	56	42	56
P16			45	80	75	56	45	58
P17			48	84	80	56	48	61
P18			51	88	85	56	51	64
P19			54	92	90	56	54	66
P20							57	68
							60	70

continued

WESTERN TESTING CO., INC.

Pressure Data

Date 8/28/80 Test Ticket No. 6597

Recorder No. 2606 Capacity 4150 Location 4116 Ft

Clock No. Elevation 1472 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2071 P.S.I.	Open Tool	9:10P M	
B First Initial Flow Pressure	58 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	58 P.S.I.	Initial Closed-in Pressure	60 Mins.	54 Mins.
D Initial Closed-in Pressure	92 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	56 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	56 P.S.I.			
G Final Closed-in Pressure	88 P.S.I.			
H Final Hydrostatic Mud	2025 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.		Breakdown: 18 Inc. of 3 mins. and a final inc. of 0 Min.		Breakdown: 18 Inc. of 5 mins. and a final inc. of 0 Min.		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	72
P 2						66	75
P 3						69	78
P 4						72	81
P 5						75	83
P 6						78	84
P 7						81	85
P 8						84	86
P 9						87	87
P10						90	88
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

JKA # 6597

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