WESTERN TESTING CO., INC.
FORMATION TESTING TICKET

Nº 18531

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

Elevation 2246 KB Formation Ft. Scott Eff. Pay — Ft.

District GT. Bend Date 4-5-93 Customer Order No. —

COMPANY NAME Pickrell Drilling Co., Inc.

ADDRESS 110 N. Market Suite 205 Wichita, Ks 67202

LEASE AND WELL NO Shramek Trust "F" #1 COUNTY Ness STATE Ks Sec. 24 Twp. 19S Rge. 24W

Mail Invoice To SAME Co. Name #1 Shramek Trust F Address No. Copies Requested Reg

Mail Charts To SAME Address No. Copies Requested Reg

Formation Test No. 1 Interval Tested From 4208 ft. to 4255 ft. Total Depth 4255 ft.

Packer Depth 4203 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 4208 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4212 ft. Recorder Number 10270 Cap. 4150

Bottom Recorder Depth (Outside) 4215 ft. Recorder Number 13550 Cap. 4175

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

Drilling Contractor Pickrell rig 10

Mud Type STARCH Viscosity 40

Weight 9.5 Water Loss 8 cc.

Chlorides 12,000 P.P.M.

Jars: Make — Serial Number —

Did Well Flow? — Reversed Out —

Drill Collar Length 150 I. D. 2.2 in.

Weight Pipe Length — I. D. — in.

Drill Pipe Length 4038 I. D. 3.8 in.

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

Anchor Length 47 ft. Size 5 1/2 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 XH in.

Blow: IF - Weak Blow Throughout 1/4" To 1/2" Blow
FF - No Blow Flushed Tool

Recovered 75 ft. of Mud w/show of oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

APR 12 1993

Chlorides — P.P.M. Sample Jars used 1 Remarks:

Time On Location 6:00 A.M. P.M. Time Pick Up Tool 7:30 A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 9:10 A.M. P.M. Time Started Off Bottom 11:40 A.M. P.M. Maximum Temperature 117°

Initial Hydrostatic Pressure			(A)	2118	P.S.I.	
Initial Flow Period	Minutes	30	(B)	41	P.S.I. to (C)	41 P.S.I.
Initial Closed In Period	Minutes	60	(D)	1070	P.S.I.	
Final Flow Period	Minutes	30	(E)	52	P.S.I. to (F)	62 P.S.I.
Final Closed In Period	Minutes	30	(G)	956	P.S.I.	
Final Hydrostatic Pressure			(H)	2118	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 Howell
Signature of Customer or his authorized representative

Western Representative Ray Schwager Thank you

FIELD INVOICE

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

WESTERN TESTING CO., INC.

Pressure Data

Date 4-5-92 Test Ticket No. 1852

Recorder No. 10220 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2188 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	41 P.S.I.	First Flow Pressure	Mins. 30	Mins.
C	First Final Flow Pressure	50 P.S.I.	Initial Closed-in Pressure	Mins. 60	Mins.
D	Initial Closed-in Pressure	1058 P.S.I.	Second Flow Pressure	Mins. 30	Mins.
E	Second Initial Flow Pressure	62 P.S.I.	Final Closed-in Pressure	Mins. 30	Mins.
F	Second Final Flow Pressure	70 P.S.I.			
G	Final Closed-in Pressure	969 P.S.I.			
H	Final Hydrostatic Mud	2022 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	0	41
P 2	5	5
P 3	10	41
P 4	15	44
P 5	20	45
P 6	25	47
P 7	30	50
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14	65	
P15	70	
P16	75	
P17	80	
P18	85	
P19	90	
P20	95	
	100	

Initial Shut-In

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

Point Minutes	Press.
0	50
3	109
6	404
9	642
12	781
15	869
18	916
21	936
24	966
27	987
30	993
33	1005
36	1017
39	1025
42	1030
45	1038
48	1041
51	1048
54	1054
57	1056
60	1058

Second Flow Pressure

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

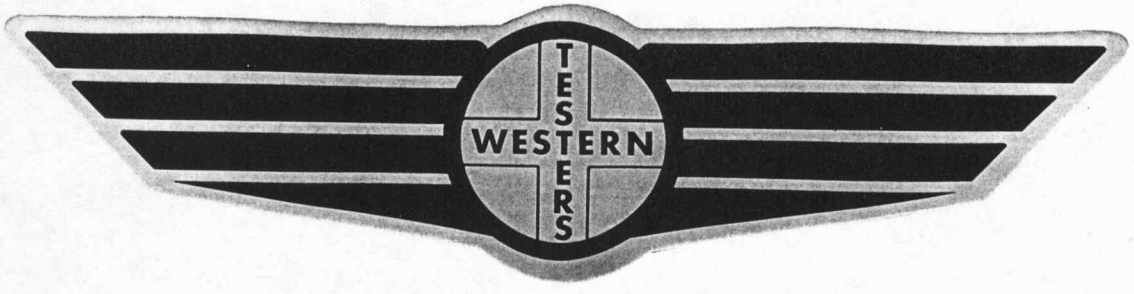
Point Minutes	Press.
0	62
5	62
10	78 FT
15	71
20	70
25	5
30	70
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	

Final Shut-In

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

Point Minutes	Press.
0	70
3	178
6	468
9	665
12	780
15	846
18	895
21	920
24	941
27	956
30	969
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone **1-800-688-7021**

COMPANY PICKRELL DRILLING CO. INC LEASE & WELL NO. #1 SHRAMEK TRUST F SEC. 24 TWP. 19S RGE. 24W TEST NO. 1 DATE 4/5/93

DST REPORT

GENERAL INFORMATION

DATE	: 4-5-93	TICKET	: 18531
CUSTOMER	: PICKRELL DRILLING CO.INC.	LEASE	: SHRAMEK TRUST F
WELL	: #1 TEST: 1	GEOLOGIST	: BILL KLAVER
ELEVATION	: 2246 K.B.	FORMATION	: FT. SCOTT
SECTION	: 24	TOWNSHIP	: 19S
RANGE	: 24W COUNTY: NESS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4208.00 ft TO: 4255.00 ft TVD: 4255.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4212.0 ft 4215.0 ft
TEMPERATURE: 117.0

DRILL COLLAR LENGTH:	150.0 ft	I.D.:	2.200 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4038.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	47.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	4203.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4208.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON.	: PICKRELL #10		
MUD TYPE	: STARCH	VISCOSITY :	40.00 cp
WEIGHT	: 9.500 ppg	WATER LOSS:	8.000 cc
CHLORIDES	: 12000 ppm		
JARS-MAKE	: NO	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?:	NO

COMMENTS

Comment

WEAK BLOW THROUGHOUT 1/4" TO 1/2" BLOW ON INITIAL FLOW PERIOD. NO BLOW FLUSHED TOOL ON FINAL FLOW FLOW PERIOD.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
75.0	0.0	0.0	0.0	100.0	MUD W/SHOW OF OIL

RATE INFORMATION

OIL VOLUME:	0.0000 STB		
GAS VOLUME:	0.0000 SCF	TOTAL FLOW TIME:	60.0000 min.
MUD VOLUME:	0.3526 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	0.3526 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2118.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	41.00
INITIAL SHUT-IN	60.00		1070.00
FINAL FLOW	30.00	52.00	62.00
FINAL SHUT-IN	30.00		956.00

FINAL HYDROSTATIC PRESSURE: 2118.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2188.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	50.00
INITIAL SHUT-IN	60.00		1058.00
FINAL FLOW	30.00	62.00	70.00
FINAL SHUT-IN	30.00		969.00

FINAL HYDROSTATIC PRESSURE: 2023.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 4-5-93	TICKET	: 18531
CUSTOMER	: PICKRELL DRILLING CO.INC.	LEASE	: SHRAMEK TRUST F
WELL	: #1 TEST: 1	GEOLOGIST	: BILL KLAVER
ELEVATION	: 2246 K.B.	FORMATION	: FT. SCOTT
SECTION	: 24	TOWNSHIP	: 19S
RANGE	: 24W COUNTY: NESS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	41.00	41.00
5.00	41.00	0.00
10.00	41.00	0.00
15.00	42.00	1.00
20.00	45.00	3.00
25.00	47.00	2.00
30.00	50.00	3.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	109.00	109.00	16.00
6.00	404.00	295.00	8.50
9.00	643.00	239.00	6.00
12.00	781.00	138.00	4.75
15.00	869.00	88.00	4.00
18.00	910.00	41.00	3.50
21.00	936.00	26.00	3.14
24.00	966.00	30.00	2.88
27.00	987.00	21.00	2.67
30.00	993.00	6.00	2.50
33.00	1005.00	12.00	2.36
36.00	1017.00	12.00	2.25
39.00	1025.00	8.00	2.15
42.00	1030.00	5.00	2.07
45.00	1038.00	8.00	2.00
48.00	1041.00	3.00	1.94
51.00	1048.00	7.00	1.88
54.00	1054.00	6.00	1.83
57.00	1056.00	2.00	1.79

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	1058.00	2.00	1.75

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	62.00	62.00
5.00	62.00	0.00
10.00	78.00	16.00
15.00	71.00	-7.00
20.00	70.00	-1.00
25.00	70.00	0.00
30.00	70.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	178.00	178.00	16.00
6.00	468.00	290.00	8.50
9.00	665.00	197.00	6.00
12.00	780.00	115.00	4.75
15.00	846.00	66.00	4.00
18.00	895.00	49.00	3.50
21.00	920.00	25.00	3.14
24.00	941.00	21.00	2.88
27.00	956.00	15.00	2.67
30.00	969.00	13.00	2.50

DKT 18531

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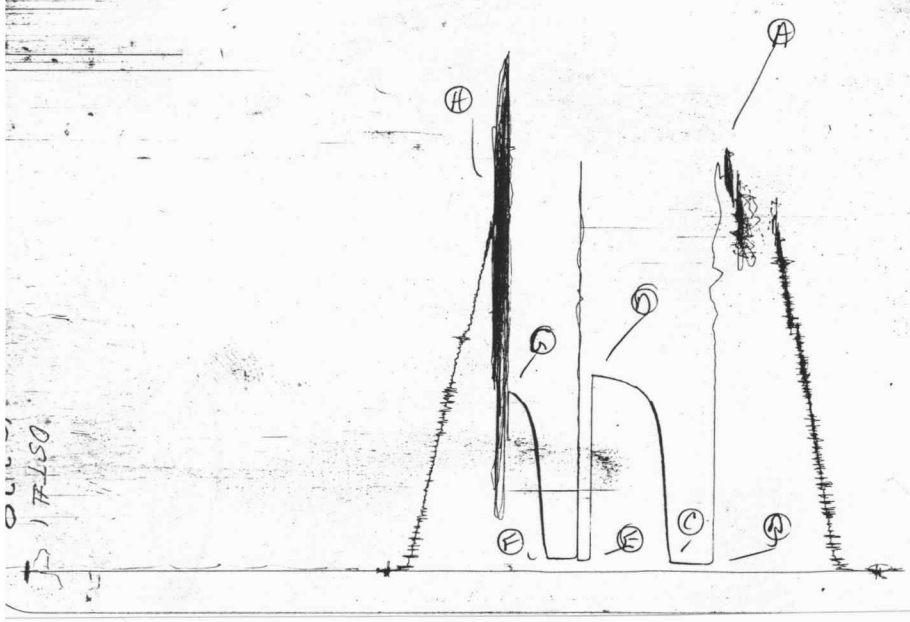

DKT 18531

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WESTERN TESTING CO., INC.
FORMATION TESTING TICKET No. 18532

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

Elevation 2246 KB Formation Miss Eff. Pay — Ft.

District GT. Bend Date 4-6-93 Customer Order No. —

COMPANY NAME Pickrell Drilling Co., Inc

ADDRESS 110 N. Market - Suite 205 Wichita, Ks 67202

LEASE AND WELL NO. Shramek Trust "F" #1 COUNTY Ness STATE Ks Sec. 24 Twp. 19S Rge. 24W

Mail Invoice To Same (Co. Name) #1 Shramek Trust F (Address) No. Copies Requested Req

Mail Charts To Same (Address) No. Copies Requested Req

Formation Test No. 2 Interval Tested From 4280 ft. to 4323 ft. Total Depth 4323 ft.

Packer Depth 4275 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 4280 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4284 ft. Recorder Number 10270 Cap. 4150

Bottom Recorder Depth (Outside) 4287 ft. Recorder Number 13550 Cap. 4175

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

Drilling Contractor Pickrell Rig 10 Drill Collar Length 150 I. D. 2 2 in.

Mud Type Starch Viscosity 40 Weight Pipe Length — I. D. — in.

Weight 9.5 Water Loss 8 cc. Drill Pipe Length 4110 I. D. 3.8 in.

Chlorides 12000 P.P.M. Test Tool Length 20 ft. Tool Size 5½ in.

Jars: Make — Serial Number — Anchor Length 43 ft. Size 5½ in.

Did Well Flow? — Reversed Out — Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: IF - Weak Blow Throughout 1" Blow
FF - Very Weak Blow died in 10 min Flushed Tool

Recovered 25 ft. of Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

APR 12 1993

Chlorides — P.P.M. Sample Jars used 1 Remarks:

Time On Location A.M. P.M. Time Pick Up Tool 2:50 A.M. P.M. Time Off Location 9:00 A.M. P.M.

Time Set Packer(s) 4:30 A.M. P.M. Time Started Off Bottom 6:30 A.M. P.M. Maximum Temperature 114°

Initial Hydrostatic Pressure			(A)	2170	P.S.I.	
Initial Flow Period	Minutes 30		(B)	41	P.S.I. to (C)	41 P.S.I.
Initial Closed In Period	Minutes 60		(D)	239	P.S.I.	
Final Flow Period	Minutes 30		(E)	41	P.S.I. to (F)	52 P.S.I.
Final Closed In Period	Minutes 30		(G)	83	P.S.I.	
Final Hydrostatic Pressure			(H)	2160	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 Clever
Signature of Customer or his authorized representative

Western Representative Ray Schwager Thank you

FIELD INVOICE

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

WESTERN TESTING CO., INC.

Pressure Data

Date 4-6-93. Test Ticket No. 18542

Recorder No. 10270 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2173 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	49 P.S.I.	First Flow Pressure	Mins 30	Mins.
C	First Final Flow Pressure	49 P.S.I.	Initial Closed-in Pressure	Mins 60	Mins.
D	Initial Closed-in Pressure	238 P.S.I.	Second Flow Pressure	Mins 30	Mins.
E	Second Initial Flow Pressure	54 P.S.I.	Final Closed-in Pressure	Mins 30	Mins.
F	Second Final Flow Pressure	60 P.S.I.			
G	Final Closed-in Pressure	92 P.S.I.			
H	Final Hydrostatic Mud	2168 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	0	49
P 2	5	
P 3	10	
P 4	15	
P 5	20	
P 6	25	
P 7	30	49
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14	65	
P15	70	
P16	75	
P17	80	
P18	85	
P19	90	
P20	95	
	100	

Initial Shut-In

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

Point Minutes	Press.
0	49
3	49
6	49
9	54
12	58
15	67
18	93
21	98
24	84
27	94
30	104
33	113
36	123
39	134
42	148
45	163
48	179
51	193
54	207
57	224
60	238

Second Flow Pressure

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

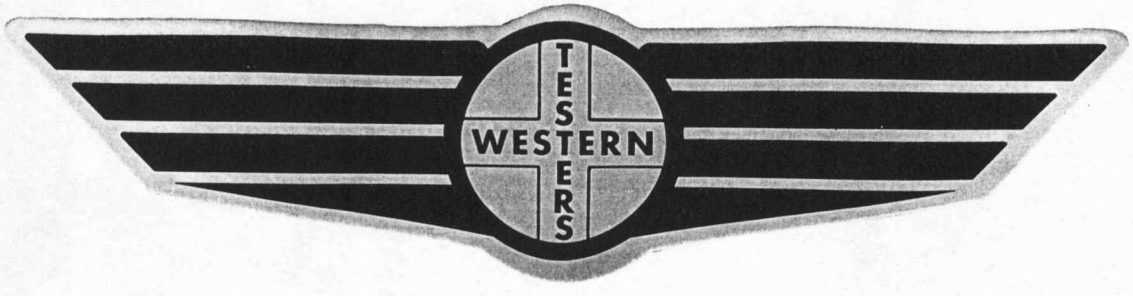
Point Minutes	Press.
0	54
5	
10	
15	54 FT
20	60
25	60
30	60
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	

Final Shut-In

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

Point Minutes	Press.
0	60
3	60
6	62
9	64
12	68
15	70
18	76
21	81
24	86
27	89
30	92
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone **1-800-688-7021**

COMPANY PICKRELL DRILLING CO. INC LEASE & WELL NO. #1 SHRAMEK TRUST F SEC. 24 TWP. 19S RGE. 24W TEST NO. 2 DATE 4/6/93

DST REPORT

GENERAL INFORMATION

DATE	: 4-6-93	TICKET	: 18532
CUSTOMER	: PICKRELL DRILLING CO.INC.	LEASE	: SHRAMEK TRUST F
WELL	: #1 TEST: 2	GEOLOGIST	: BILL KLAVER
ELEVATION	: 2246 K.B.	FORMATION	: MISSISSIPPI
SECTION	: 24	TOWNSHIP	: 19S
RANGE	: 24W COUNTY: NESS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4280.00 ft TO: 4323.00 ft TVD: 4323.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4284.0 ft 4287.0 ft
TEMPERATURE: 114.0

DRILL COLLAR LENGTH:	150.0 ft	I.D.:	2.200 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4110.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	43.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	4275.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4280.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON.	: PICKRELL #10		
MUD TYPE	: STARCH	VISCOSITY :	40.00 cp
WEIGHT	: 9.500 ppg	WATER LOSS:	8.000 cc
CHLORIDES	: 12000 ppm		
JARS-MAKE	: NO	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?	: NO

COMMENTS

Comment

WEAK BLOW THROUGHOUT 1" BLOW ON INITIAL FLOW PERIOD. VERY WEAK BLOW DIED IN 10 MINUTES - FLUSHED TOOL ON FINAL FLOW PERIOD.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
25.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000 STB		
GAS VOLUME:	0.0000 SCF	TOTAL FLOW TIME:	60.0000 min.
MUD VOLUME:	0.1175 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	0.1175 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2170.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	41.00
INITIAL SHUT-IN	60.00		239.00
FINAL FLOW	30.00	41.00	52.00
FINAL SHUT-IN	30.00		83.00

FINAL HYDROSTATIC PRESSURE: 2160.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2172.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	49.00	49.00
INITIAL SHUT-IN	60.00		228.00
FINAL FLOW	30.00	54.00	60.00
FINAL SHUT-IN	30.00		92.00

FINAL HYDROSTATIC PRESSURE: 2168.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 4-6-93	TICKET	: 18532
CUSTOMER	: PICKRELL DRILLING CO.INC.	LEASE	: SHRAMEK TRUST F
WELL	: #1 TEST: 2	GEOLOGIST	: BILL KLAVER
ELEVATION	: 2246 K.B.	FORMATION	: MISSISSIPPI
SECTION	: 24	TOWNSHIP	: 19S
RANGE	: 24W COUNTY: NESS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	49.00	49.00
5.00	49.00	0.00
10.00	49.00	0.00
15.00	49.00	0.00
20.00	49.00	0.00
25.00	49.00	0.00
30.00	49.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	49.00	49.00	16.00
6.00	49.00	0.00	8.50
9.00	54.00	5.00	6.00
12.00	58.00	4.00	4.75
15.00	67.00	9.00	4.00
18.00	73.00	6.00	3.50
21.00	78.00	5.00	3.14
24.00	84.00	6.00	2.88
27.00	94.00	10.00	2.67
30.00	104.00	10.00	2.50
33.00	113.00	9.00	2.36
36.00	123.00	10.00	2.25
39.00	134.00	11.00	2.15
42.00	148.00	14.00	2.07
45.00	163.00	15.00	2.00
48.00	179.00	16.00	1.94
51.00	193.00	14.00	1.88
54.00	207.00	14.00	1.83
57.00	221.00	14.00	1.79

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	228.00	7.00	1.75

FINAL FLOW

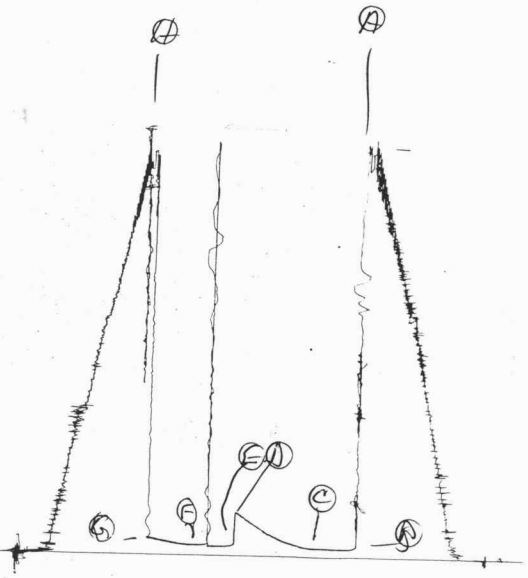
Time (min)	Pressure	Delta P
0.00	54.00	54.00
5.00	54.00	0.00
10.00	54.00	0.00
15.00	54.00	0.00
20.00	60.00	6.00
25.00	60.00	0.00
30.00	60.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	60.00	60.00	16.00
6.00	62.00	2.00	8.50
9.00	64.00	2.00	6.00
12.00	67.00	3.00	4.75
15.00	70.00	3.00	4.00
18.00	76.00	6.00	3.50
21.00	81.00	5.00	3.14
24.00	86.00	5.00	2.88
27.00	89.00	3.00	2.67
30.00	92.00	3.00	2.50

DKT 1852

7



OST # 2

DKT 1852

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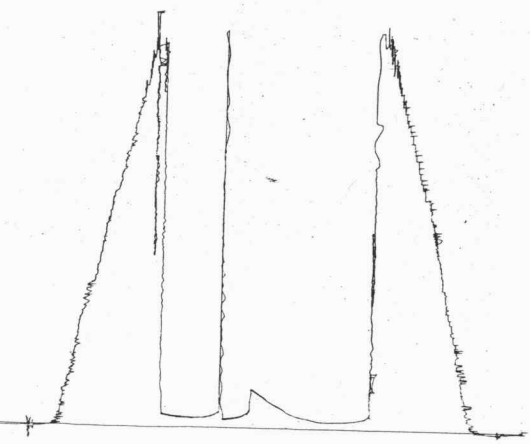


OST # 2

LAST

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 18533

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

Elevation 2246 KB Formation Miss Eff. Pay — Ft.

District GT. Bend Date 4-6-93 Customer Order No. —

COMPANY NAME Pickrell Drilling Co., Inc.

ADDRESS 110 N. Market - Suite 205 Wichita, Ks 67202

LEASE AND WELL NO. Shramek Trust 7 #1 COUNTY Ness STATE Ks Sec. 24 Twp. 19S Rge. 24W

Mail Invoice To SAME #1 Shramek Trust F No. Copies Requested Reg
Co. Name Address

Mail Charts To SAME No. Copies Requested Reg
Address

Formation Test No. 3 Interval Tested From 4282 ft. to 4346 ft. Total Depth 4346 ft.

Packer Depth 4277 ft.	Size 6 5/8 in.	Packer Depth — ft.	Size — in.
Packer Depth 4282 ft.	Size 6 5/8 in.	Packer Depth — ft.	Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside)	4307 ft.	Recorder Number 10270	Cap. 4150
Bottom Recorder Depth (Outside)	4310 ft.	Recorder Number 13550	Cap. 4175
Below Straddle Recorder Depth	— ft.	Recorder Number —	Cap. —

Drilling Contractor Pickrell rig 10		Drill Collar Length 150	I. D. 2.2 in.
Mud Type Starch	Viscosity 39	Weight Pipe Length —	I. D. — in.
Weight 9.5	Water Loss 10.8 cc.	Drill Pipe Length 4112	I. D. 3.8 in.
Chlorides 12,500	P.P.M.	Test Tool Length 20 ft.	Tool Size 5 1/2 in.
Jars: Make —	Serial Number —	Anchor Length 64 ft.	Size 5 1/2 in.
Did Well Flow? —	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 IF - Weak building To A Good Blow 1" To 6" Blow
FF - Fair building To A Good Blow 5" To 8" Blow

Recovered 180 ft. of Muddy WATER 20% mud 80% WATER
Recovered 300 ft. of WATER
Recovered ft. of
Recovered ft. of
Recovered ft. of

Chlorides 25,000 P.P.M. Sample Jars used 3 Remarks:

APR 12 1993

Time On Location 7:00	A.M. (P.M.)	Time Pick Up Tool 8:40	A.M. (P.M.)	Time Off Location	(A.M.) P.M.
Time Set Packer(s) 10:15	A.M. (P.M.)	Time Started Off Bottom 2:45	(A.M.) P.M.	Maximum Temperature 130°	

Initial Hydrostatic Pressure		(A) 2139	P.S.I.
Initial Flow Period	Minutes 30	(B) 52	P.S.I. to (C) 104 P.S.I.
Initial Closed In Period	Minutes 60	(D) 1319	P.S.I.
Final Flow Period	Minutes 90	(E) 145	P.S.I. to (F) 239 P.S.I.
Final Closed In Period	Minutes 90	(G) 1288	P.S.I.
Final Hydrostatic Pressure		(H) 2139	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 B Olwer
Signature of Customer or his authorized representative

Western Representative Ray Schwager Thank you

FIELD INVOICE

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

WESTERN TESTING CO., INC.
Pressure Data

Date 4-6-92 Test Ticket No. 18522

Recorder No. 10420 Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2169 P.S.I.	Open Tool	M	
B First Initial Flow Pressure	71 P.S.I.	First Flow Pressure	Mins. 20	Mins.
C First Final Flow Pressure	130 P.S.I.	Initial Closed-in Pressure	Mins. 60	Mins.
D Initial Closed-in Pressure	1329 P.S.I.	Second Flow Pressure	Mins. 90	Mins.
E Second Initial Flow Pressure	159 P.S.I.	Final Closed-in Pressure	Mins. 92	Mins.
F Second Final Flow Pressure	252 P.S.I.			
G Final Closed-in Pressure	1305 P.S.I.			
H Final Hydrostatic Mud	2162 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	0	71
P 2	5	92
P 3	10	92
P 4	15	108
P 5	20	117
P 6	25	128
P 7	30	130
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14	65	
P15	70	
P16	75	
P17	80	
P18	85	
P19	90	
P20	95	
	100	

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

Point Minutes	Press.
0	130
3	722
6	967
9	1062
12	1141
15	1165
18	1198
21	1219
24	1238
27	1254
30	1270
33	1276
36	1285
39	1295
42	1300
45	1305
48	1310
51	1316
54	1322
57	1326
60	1329

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

Point Minutes	Press.
0	159
5	159
10	162
15	168
20	175
25	181
30	188
35	192
40	198
45	202
50	206
55	212
60	217
65	226
70	230
75	237
80	243
85	247
90	252
95	
100	

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

Point Minutes	Press.
0	252
3	761
6	946
9	1030
12	1077
15	1107
18	1139
21	1159
24	1178
27	1196
30	1210
33	1222
36	1232
39	1239
42	1249
45	1254
48	1260
51	1266
54	1272
57	1274
60	1276

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 15522

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 _____ mins. and a
final inc. of _____ Min.

Point Mins.	Press.
P 1 105	
P 2 110	
P 3 115	
P 4 120	
P 5 125	
P 6 130	
P 7 135	
P 8 140	
P 9 145	
P10 150	
P11 155	
P12 160	
P13 165	
P14 170	
P15 175	
P16 180	
P17 185	
P18 190	
P19 195	
P20 200	

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

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

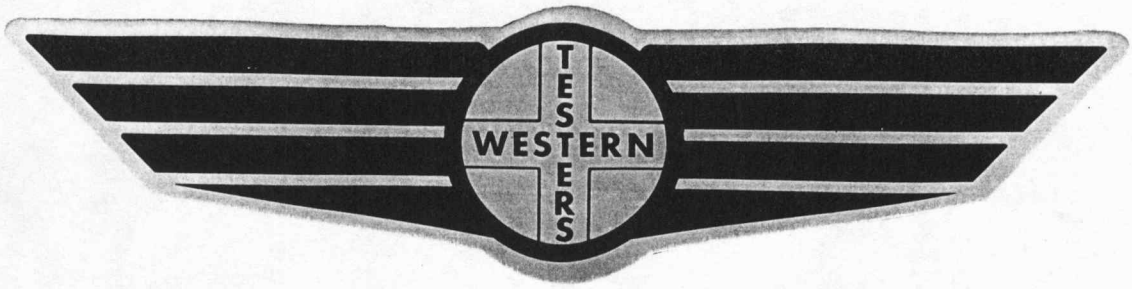
Second Flow Pressure
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

Point Minutes	Press.
105	
110	
115	
120	
125	
130	
135	
140	
145	
150	
155	
160	
165	
170	
175	
180	
185	
190	
195	
200	

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

Point Minutes	Press.
63	1280
66	1282
69	1286
72	1289
75	1292
78	1295
81	1297
84	1299
87	1301
90	1303
93	1305
96	
99	
102	
105	
108	
111	
114	
117	
120	

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone **1-800-688-7021**

COMPANY PICKRELL DRILLING CO. INC LEASE & WELL NO. #1 SHRAMEK TRUST FSEC. 24 TWP. 19S RGE. 24W TEST NO. 3 DATE 4/6/93

DST REPORT

GENERAL INFORMATION

DATE	: 4-6-93	TICKET	: 18533
CUSTOMER	: PICKRELL DRILLING CO.INC.	LEASE	: SHRAMEK TRUST F
WELL	: #1 TEST: 3	GEOLOGIST	: BILL KLAVER
ELEVATION	: 2246 K.B.	FORMATION	: MISSISSIPPI
SECTION	: 24	TOWNSHIP	: 19S
RANGE	: 24W COUNTY: NESS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4282.00 ft TO: 4346.00 ft TVD: 4346.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4307.0 ft 4310.0 ft
TEMPERATURE: 130.0

DRILL COLLAR LENGTH:	150.0 ft	I.D.:	2.200 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4112.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	64.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	4277.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4282.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON.	: PICKRELL #10		
MUD TYPE	: STARCH	VISCOSITY :	39.00 cp
WEIGHT	: 9.500 ppg	WATER LOSS:	10.800 cc
CHLORIDES	: 12500 ppm		
JARS-MAKE	: NO	SERIAL NUMBER:	
DID WELL FLOW?:	NO	REVERSED OUT?:	NO

COMMENTS

Comment

WEAK BLOW BUILDING TO A GOOD BLOW 1" TO 6" BLOW ON INITIAL FLOW PERIOD. FAIR BLOW BUILDING TO A GOOD BLOW 5" TO 8" BLOW ON FINAL FLOW PEROD.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
180.0	0.0	0.0	80.0	20.0	MUDDY WATER
300.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 25000 PPM

RATE INFORMATION

OIL VOLUME: 0.0000 STB
GAS VOLUME: 0.0000 SCF
MUD VOLUME: 0.5049 STB
WATER VOLUME: 4.8290 STB
TOTAL FLUID : 5.3339 STB

TOTAL FLOW TIME: 120.0000 min.
AVERAGE OIL RATE: 0.0000 STB/D
AVERAGE WATER RATE: 64.0068 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2139.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	52.00	104.00
INITIAL SHUT-IN	60.00		1319.00
FINAL FLOW	90.00	145.00	239.00
FINAL SHUT-IN	90.00		1288.00

FINAL HYDROSTATIC PRESSURE: 2139.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2169.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	71.00	130.00
INITIAL SHUT-IN	60.00		1329.00
FINAL FLOW	90.00	159.00	0.00
FINAL SHUT-IN	93.00		1305.00

FINAL HYDROSTATIC PRESSURE: 2162.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 4-6-93	TICKET	: 18533
CUSTOMER	: PICKRELL DRILLING CO.INC.	LEASE	: SHRAMEK TRUST F
WELL	: #1 TEST: 3	GEOLOGIST	: BILL KLAVER
ELEVATION	: 2246 K.B.	FORMATION	: MISSISSIPPI
SECTION	: 24	TOWNSHIP	: 19S
RANGE	: 24W COUNTY: NESS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	71.00	71.00
5.00	73.00	2.00
10.00	92.00	19.00
15.00	108.00	16.00
20.00	117.00	9.00
25.00	123.00	6.00
30.00	130.00	7.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	723.00	723.00	16.00
6.00	967.00	244.00	8.50
9.00	1062.00	95.00	6.00
12.00	1121.00	59.00	4.75
15.00	1165.00	44.00	4.00
18.00	1198.00	33.00	3.50
21.00	1219.00	21.00	3.14
24.00	1238.00	19.00	2.88
27.00	1254.00	16.00	2.67
30.00	1270.00	16.00	2.50
33.00	1276.00	6.00	2.36
36.00	1285.00	9.00	2.25
39.00	1295.00	10.00	2.15
42.00	1300.00	5.00	2.07
45.00	1305.00	5.00	2.00
48.00	1310.00	5.00	1.94
51.00	1316.00	6.00	1.88
54.00	1322.00	6.00	1.83
57.00	1326.00	4.00	1.79

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	1329.00	3.00	1.75

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	159.00	159.00
5.00	162.00	3.00
10.00	168.00	6.00
15.00	175.00	7.00
20.00	181.00	6.00
25.00	188.00	7.00
30.00	192.00	4.00
35.00	198.00	6.00
40.00	202.00	4.00
45.00	206.00	4.00
50.00	213.00	7.00
55.00	217.00	4.00
60.00	226.00	9.00
65.00	230.00	4.00
70.00	237.00	7.00
75.00	243.00	6.00
80.00	247.00	4.00
85.00	252.00	5.00
90.00	0.00	-252.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	761.00	761.00	16.00
6.00	946.00	185.00	8.50
9.00	1020.00	74.00	6.00
12.00	1077.00	57.00	4.75
15.00	1107.00	30.00	4.00
18.00	1139.00	32.00	3.50
21.00	1159.00	20.00	3.14
24.00	1178.00	19.00	2.88
27.00	1196.00	18.00	2.67
30.00	1210.00	14.00	2.50

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
33.00	1223.00	13.00	2.36
36.00	1232.00	9.00	2.25
39.00	1239.00	7.00	2.15
42.00	1249.00	10.00	2.07
45.00	1254.00	5.00	2.00
48.00	1260.00	6.00	1.94
51.00	1266.00	6.00	1.88
54.00	1272.00	6.00	1.83
57.00	1274.00	2.00	1.79
60.00	1276.00	2.00	1.75
63.00	1280.00	4.00	0.00
66.00	1283.00	3.00	0.00
69.00	1286.00	3.00	0.00
72.00	1289.00	3.00	0.00
75.00	1292.00	3.00	0.00
78.00	1295.00	3.00	0.00
81.00	1297.00	2.00	0.00
84.00	1299.00	2.00	0.00
87.00	1301.00	2.00	0.00
90.00	1303.00	2.00	0.00
93.00	1305.00	2.00	0.00

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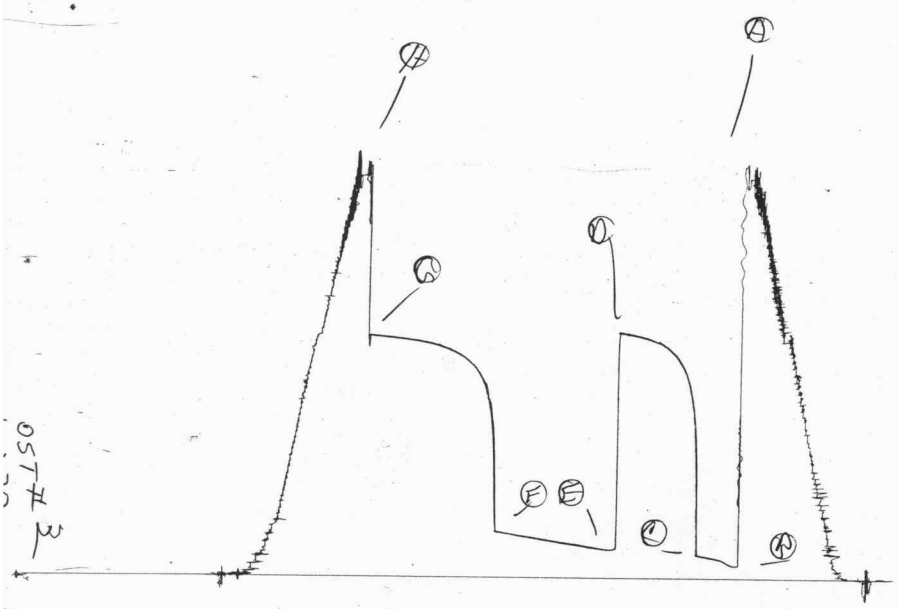

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