



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 19288

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

Elevation 2537 KB, 2540 ft. Formation Taranto Eff. Pay Ft.

District Colby Date 1-26-93 Customer Order No.

COMPANY NAME Pickrell Drilling Company, Inc.
ADDRESS 110 N Market Suite 205 Wichita KS 67202
LEASE AND WELL NO. Becker "B" 6 COUNTY Grove STATE KS Sec. 34 Twp. 15 Rge. 27 W
Mail Invoice To Same #6 Becker B No. Copies Requested 16
Co. Name Same Address No. Copies Requested 16
Mail Charts To Same Address No. Copies Requested 16

Formation Test No. 1 Interval Tested From 3738 ft. to 3770 ft. Total Depth 3770 ft.
Packer Depth 3733 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3738 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3764 ft. Recorder Number 13521 Cap. 4375
Bottom Recorder Depth (Outside) 3767 ft. Recorder Number 13548 Cap. 4075
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Pickrell Drilling Rig 10 Drill Collar Length 237.4 ft. I. D. 2.2 in.
Mud Type Chemical Viscosity 40 Weight Pipe Length - I. D. - in.
Weight 8.9 Water Loss 11.2 cc. Drill Pipe Length 3479 3259 I. D. 3.8 in.
Chlorides 3000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 32 ft. Size 5 1/2 in.
Did Well Flow? no Reversed Out no Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 X H in.

Blow: IF Weak Surface Blow Build to 1/4 inch in Bucket IS No Blow
FF No Blow Flushed Blow dead 5 minutes FS no Blow

Recovered 30 ft. of Oil cut Mud 97% mud 3% oil
Recovered - ft. of
Recovered - ft. of
Recovered - ft. of
Recovered - ft. of
Chlorides - P.P.M. Sample Jars used - Remarks: FEB 02 1993 FEB 02 1993

after flush Flush tool on 2nd open died 5 min

Time On Location 10:30 A.M. Time Pick Up Tool 11:45 A.M. Time Off Location 6:00 P.M.
Time Set Packer(s) 1:15 P.M. Time Started Off Bottom 3:45 P.M. Maximum Temperature 112
Initial Hydrostatic Pressure (A) 1816 P.S.I.
Initial Flow Period (B) 30 Minutes (C) 55 P.S.I. to (D) 55 P.S.I.
Initial Closed In Period (E) 60 Minutes (F) 862 P.S.I.
Final Flow Period (G) 30 Minutes (H) 66 P.S.I. to (I) 77 P.S.I.
Final Closed In Period (J) 30 Minutes (K) 730 P.S.I.
Final Hydrostatic Pressure (L) 1805 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 Klavon
Signature of Customer or his authorized representative

Western Representative Joe Savage

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

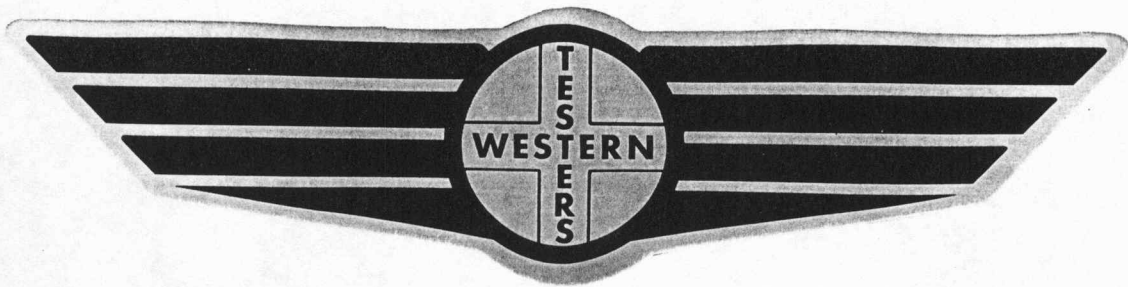
Date 1-26-93 Test Ticket No. 19288
 Recorder No. 1521 Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1822</u> P.S.I.	Open Tool	M	
B First Initial Flow Pressure	<u>54</u> P.S.I.	First Flow Pressure	Mins. <u>30</u>	Mins.
C First Final Flow Pressure	<u>54</u> P.S.I.	Initial Closed-in Pressure	Mins. <u>20</u>	Mins.
D Initial Closed-in Pressure	<u>822</u> P.S.I.	Second Flow Pressure	Mins. <u>30</u>	Mins.
E Second Initial Flow Pressure	<u>66</u> P.S.I.	Final Closed-in Pressure	Mins. <u>30</u>	Mins.
F Second Final Flow Pressure	<u>24</u> P.S.I.			
G Final Closed-in Pressure	<u>238</u> P.S.I.			
H Final Hydrostatic Mud	<u>1822</u> 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 <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>54</u>	0	<u>54</u>	0	<u>66</u>	0	<u>24</u>
P 2 5		3	<u>74</u>	5	<u>66</u>	3	<u>80</u>
P 3 10		6	<u>72</u>	10	<u>66</u>	6	<u>257</u>
P 4 15		9	<u>572</u>	15	<u>81</u>	9	<u>464</u>
P 5 20		12	<u>644</u>	20	<u>74</u>	12	<u>588</u>
P 6 25		15	<u>684</u>	25	<u>5</u>	15	<u>618</u>
P 7 30	<u>54</u>	18	<u>708</u>	30	<u>74</u>	18	<u>664</u>
P 8 35		21	<u>729</u>	35		21	<u>687</u>
P 9 40		24	<u>749</u>	40		24	<u>704</u>
P10 45		27	<u>764</u>	45		27	<u>719</u>
P11 50		30	<u>781</u>	50		30	<u>738</u>
P12 55		33	<u>794</u>	55		33	
P13 60		36	<u>808</u>	60		36	
P14 65		39	<u>815</u>	65		39	
P15 70		42	<u>826</u>	70		42	
P16 75		45	<u>835</u>	75		45	
P17 80		48	<u>847</u>	80		48	
P18 85		51	<u>847</u>	85		51	
P19 90		54	<u>852</u>	90		54	
P20 95		57	<u>861</u>	95		57	
100		60	<u>872</u>	100		60	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

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

COMPANY PICKRELL DRILLING CO., INCREASE & WELL NO. #6 BECKER B SEC. 34 TWP. 15S RGE. 27W TEST NO. 1 DATE 1/26/93

DST REPORT

GENERAL INFORMATION

DATE : 1/26/93
CUSTOMER : PICKRELL DRILLING CO INC.
WELL : 6 TEST: 1
ELEVATION: 2537 KB
SECTION : 34
RANGE : 27W COUNTY: GOVE
GAUGE SN#: 13521 RANGE : 4375
TICKET : 19288
LEASE : BECKER B
GEOLOGIST: BILL KLAVER
FORMATION: TORONTO
TOWNSHIP : 15S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3738.00 ft TO: 3770.00 ft TVD: 3770.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3764.0 ft 3767.0 ft
TEMPERATURE: 112.0
DRILL COLLAR LENGTH: 237.0 ft I.D.: 2.200 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 3479.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 22.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 32.0 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: 3733.0 ft SIZE: 6.630 in
PACKER DEPTH: 3738.0 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 DRLG RIG 10
MUD TYPE : CHEMICAL VISCOSITY : 40.00 cp
WEIGHT : 8.900 ppg WATER LOSS: 11.200 cc
CHLORIDES : 3000 ppm
JARS-MAKE :
DID WELL FLOW?: NO SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK SURFACE BLOW, BUILT TO A
1 1/4 INCH BLOW IN BUCKET. FINAL FLOW PERIOD NO
BLOW, FLUSHED TOOL, BLOW DEAD IN 5 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
30.0	3.0	0.0	0.0	97.0	OIL CUT MUD

RATE INFORMATION

OIL VOLUME: 0.0042 STB	TOTAL FLOW TIME: 60.0000 min.
GAS VOLUME: 0.0000 SCF	AVERAGE OIL RATE: 3.3850 STB/D
MUD VOLUME: 0.1368 STB	AVERAGE WATER RATE: 0.0000 STB/D
WATER VOLUME: 0.0000 STB	
TOTAL FLUID : 0.1410 STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1816.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	55.00	55.00
INITIAL SHUT-IN	60.00		862.00
FINAL FLOW	30.00	66.00	77.00
FINAL SHUT-IN	30.00		730.00

FINAL HYDROSTATIC PRESSURE: 1805.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1823.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	54.00	54.00
INITIAL SHUT-IN	60.00		873.00
FINAL FLOW	30.00	66.00	74.00
FINAL SHUT-IN	30.00		738.00

FINAL HYDROSTATIC PRESSURE: 1823.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 1/26/93	TICKET : 19288
CUSTOMER : PICKRELL DRILLING CO INC.	LEASE : BECKER B
WELL : 6 TEST: 1	GEOLOGIST: BILL KLAVER
ELEVATION: 2537 KB	FORMATION: TORONTO
SECTION : 34	TOWNSHIP : 15S
RANGE : 27W COUNTY: GOVE	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
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	54.00	0.00
25.00	54.00	0.00
30.00	54.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	147.00	147.00	0.00
6.00	427.00	280.00	0.00
9.00	572.00	145.00	0.00
12.00	642.00	70.00	0.00
15.00	684.00	42.00	0.00
18.00	708.00	24.00	0.00
21.00	729.00	21.00	0.00
24.00	749.00	20.00	0.00
27.00	764.00	15.00	0.00
30.00	781.00	17.00	0.00
33.00	794.00	13.00	0.00
36.00	808.00	14.00	0.00
39.00	815.00	7.00	0.00
42.00	826.00	11.00	0.00
45.00	832.00	6.00	0.00
48.00	841.00	9.00	0.00
51.00	847.00	6.00	0.00
54.00	852.00	5.00	0.00
57.00	861.00	9.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	873.00	12.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	66.00	66.00
5.00	66.00	0.00
10.00	66.00	0.00
15.00	81.00	15.00
20.00	74.00	-7.00
25.00	74.00	0.00
30.00	74.00	0.00

FINAL SHUT IN

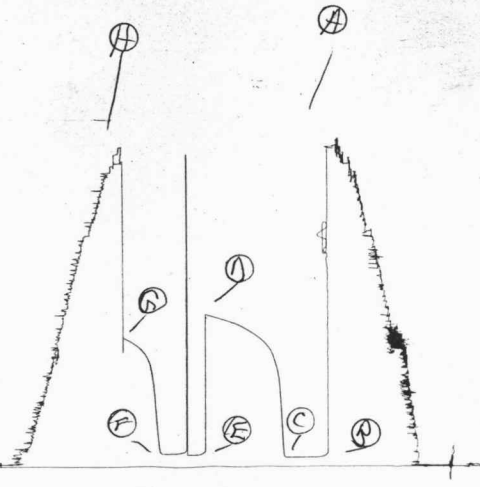
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	80.00	80.00	0.00
6.00	257.00	177.00	0.00
9.00	464.00	207.00	0.00
12.00	588.00	124.00	0.00
15.00	638.00	50.00	0.00
18.00	664.00	26.00	0.00
21.00	687.00	23.00	0.00
24.00	704.00	17.00	0.00
27.00	719.00	15.00	0.00
30.00	738.00	19.00	0.00

13521
DST #1

JKT 19J88

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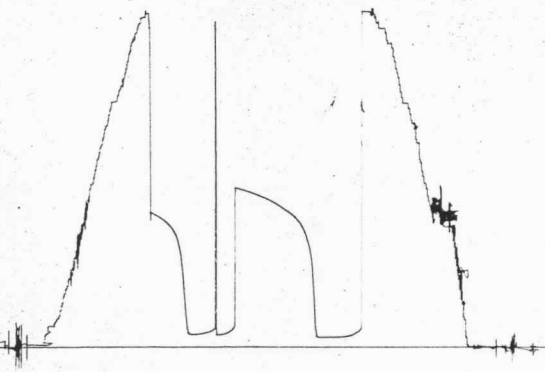


13548
DST #1

JKT 19J88

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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 19289

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

Elevation 2537 KB Formation Lansing E Eff. Pay Ft.

District Colby Date 1-27-93 Customer Order No.

COMPANY NAME Pickrell Drilling Company, Inc.
ADDRESS 110 N. Market Suite 205 Wichita KS 67202
LEASE AND WELL NO. Becker B'6 COUNTY Gove STATE KS Sec. 34 Twp. 15 Rge. 27
Mail Invoice To Same #6 Becker B No. Copies Requested Reg + 6
Co. Name Address
Mail Charts To Same No. Copies Requested Reg + 6
Address

Formation Test No. 2 Interval Tested From 3854 ft. to 3868 ft. Total Depth 3868 ft.
Packer Depth 3849 ft. Size 6 7/8 in. Packer Depth - ft. Size - in.
Packer Depth 3854 ft. Size 6 7/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3860 ft. Recorder Number 13521 Cap. 4375
Bottom Recorder Depth (Outside) 3863 ft. Recorder Number 13548 Cap. 4075
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Pickrell Drilling Co. Drill Collar Length 237 I. D. 2.2 in.
Mud Type Chemical Viscosity 40 Weight Pipe Length - I. D. - in.
Weight 9.1 Water Loss 8.8 cc. Drill Pipe Length 3595 I. D. 3.8 in.
Chlorides 3000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 14 ft. Size 5 1/2 in.
Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x 4 in.

Blow: IF Weak Surface Blow Building to link IS No Blow
FF No Blow Flush Tool No Blow FS No Blow
Recovered 20 ft. of mud w Trace of oil less than 1%
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Chlorides P.P.M. Sample Jars used Remarks: FEB 02 1993

Time On Location 845 A.M. P.M. Time Pick Up Tool 900 A.M. P.M. Time Off Location 230 A.M. P.M.
Time Set Packer(s) 1030 A.M. P.M. Time Started Off Bottom 100 A.M. P.M. Maximum Temperature 116
Initial Hydrostatic Pressure (A) 1882 P.S.I.
Initial Flow Period Minutes 30 (B) 44 P.S.I. to (C) 44 P.S.I.
Initial Closed In Period Minutes 60 (D) 1006 P.S.I.
Final Flow Period Minutes 30 (E) 55 P.S.I. to (F) 55 P.S.I.
Final Closed In Period Minutes 30 (G) 907 P.S.I.
Final Hydrostatic Pressure (H) 1849 P.S.I.

COMPANY TERMS

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Test Approved By Bill Klauer
Signature of Customer or his authorized representative
Western Representative Joe Savage

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

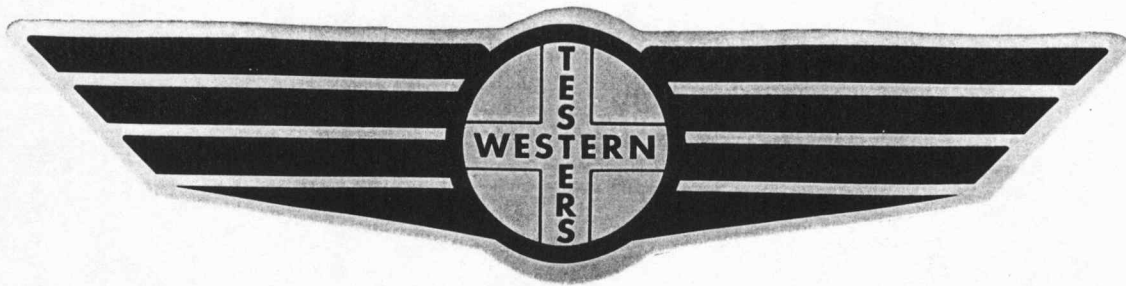
Date 1-27-95 Test Ticket No. 19289
 Recorder No. 12521 Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1891</u> P.S.I.	Open Tool	_____ M	_____
B First Initial Flow Pressure	<u>53</u> P.S.I.	First Flow Pressure	_____ Mins	<u>30</u> Mins.
C First Final Flow Pressure	<u>53</u> P.S.I.	Initial Closed-in Pressure	_____ Mins	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1015</u> P.S.I.	Second Flow Pressure	_____ Mins	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>65</u> P.S.I.	Final Closed-in Pressure	_____ Mins	<u>30</u> Mins.
F Second Final Flow Pressure	<u>54</u> P.S.I.			
G Final Closed-in Pressure	<u>905</u> P.S.I.			
H Final Hydrostatic Mud	<u>1840</u> 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 <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>53</u>	0	<u>53</u>	0	<u>65</u>	0	<u>54</u>
P 2 5		3	<u>64</u>	5	<u>65</u>	3	<u>197</u>
P 3 10		6	<u>75</u>	10	<u>57 FF</u>	6	<u>583</u>
P 4 15		9	<u>686</u>	15	<u>54</u>	9	<u>718</u>
P 5 20		12	<u>780</u>	20	<u>5</u>	12	<u>722</u>
P 6 25		15	<u>840</u>	25		15	<u>825</u>
P 7 30	<u>53</u>	18	<u>878</u>	30	<u>54</u>	18	<u>849</u>
P 8 35		21	<u>903</u>	35		21	<u>868</u>
P 9 40		24	<u>922</u>	40		24	<u>886</u>
P10 45		27	<u>937</u>	45		27	<u>896</u>
P11 50		30	<u>951</u>	50		30	<u>905</u>
P12 55		33	<u>962</u>	55		33	
P13 60		36	<u>973</u>	60		36	
P14 65		39	<u>978</u>	65		39	
P15 70		42	<u>987</u>	70		42	
P16 75		45	<u>993</u>	75		45	
P17 80		48	<u>998</u>	80		48	
P18 85		51	<u>1003</u>	85		51	
P19 90		54	<u>1008</u>	90		54	
P20 95		57	<u>1011</u>	95		57	
100		60	<u>1015</u>	100		60	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

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

DST REPORT

GENERAL INFORMATION

DATE : 1/27/93
CUSTOMER : PICKRELL DRILLING CO INC.
WELL : 6 TEST: 2
ELEVATION: 2537 KB
SECTION : 34
RANGE : 27W COUNTY: GOVE
GAUGE SN#: 13521 RANGE : 4375
TICKET : 19289
LEASE : BECKER B
GEOLOGIST: BILL KLAVER
FORMATION: LANSING E
TOWNSHIP : 15S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3854.00 ft TO: 3868.00 ft TVD: 3868.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3860.0 ft 3863.0 ft
TEMPERATURE: 116.0
DRILL COLLAR LENGTH: 237.0 ft I.D.: 2.200 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 3595.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 22.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 14.0 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: 3849.0 ft SIZE: 6.630 in
PACKER DEPTH: 3854.0 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 DRLG RIG 10
MUD TYPE : CHEMICAL VISCOSITY : 40.00 cp
WEIGHT : 9.100 ppg WATER LOSS: 8.800 cc
CHLORIDES : 3000 ppm
JARS-MAKE :
DID WELL FLOW?: NO SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK SURFACE BLOW, BUILT TO A
1 INCH BLOW. FINAL FLOW PERIOD NO BLOW, FLUSHED
TOOL, NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
20.0	0.0	0.0	0.0	100.0	MUD W/TRACE OF OIL-< 1%

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	60.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.0940 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.0940 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1882.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	44.00	44.00
INITIAL SHUT-IN	60.00		1006.00
FINAL FLOW	30.00	55.00	55.00
FINAL SHUT-IN	30.00		907.00

FINAL HYDROSTATIC PRESSURE: 1849.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1891.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	53.00	53.00
INITIAL SHUT-IN	60.00		1015.00
FINAL FLOW	30.00	65.00	54.00
FINAL SHUT-IN	30.00		905.00

FINAL HYDROSTATIC PRESSURE: 1840.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 1/27/93	TICKET : 19289
CUSTOMER : PICKRELL DRILLING CO INC.	LEASE : BECKER B
WELL : 6 TEST: 2	GEOLOGIST: BILL KLAVER
ELEVATION: 2537 KB	FORMATION: LANSING E
SECTION : 34	TOWNSHIP : 15S
RANGE : 27W COUNTY: GOVE	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	53.00	53.00
5.00	53.00	0.00
10.00	53.00	0.00
15.00	53.00	0.00
20.00	53.00	0.00
25.00	53.00	0.00
30.00	53.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	64.00	64.00	0.00
6.00	395.00	331.00	0.00
9.00	686.00	291.00	0.00
12.00	780.00	94.00	0.00
15.00	840.00	60.00	0.00
18.00	878.00	38.00	0.00
21.00	903.00	25.00	0.00
24.00	922.00	19.00	0.00
27.00	937.00	15.00	0.00
30.00	951.00	14.00	0.00
33.00	962.00	11.00	0.00
36.00	973.00	11.00	0.00
39.00	978.00	5.00	0.00
42.00	987.00	9.00	0.00
45.00	993.00	6.00	0.00
48.00	998.00	5.00	0.00
51.00	1003.00	5.00	0.00
54.00	1008.00	5.00	0.00
57.00	1011.00	3.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1015.00	4.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	65.00	65.00
5.00	65.00	0.00
10.00	57.00	-8.00
15.00	54.00	-3.00
20.00	54.00	0.00
25.00	54.00	0.00
30.00	54.00	0.00

FINAL SHUT IN

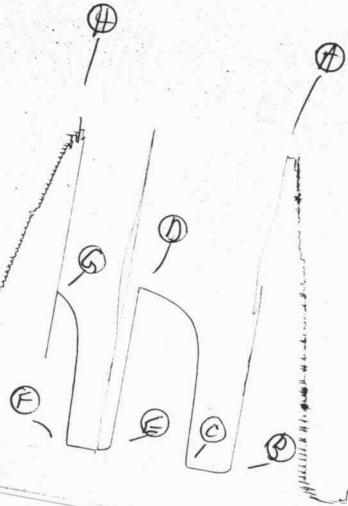
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	197.00	197.00	0.00
6.00	583.00	386.00	0.00
9.00	718.00	135.00	0.00
12.00	773.00	55.00	0.00
15.00	825.00	52.00	0.00
18.00	849.00	24.00	0.00
21.00	868.00	19.00	0.00
24.00	886.00	18.00	0.00
27.00	896.00	10.00	0.00
30.00	905.00	9.00	0.00

13521
DST #2

KT 19289

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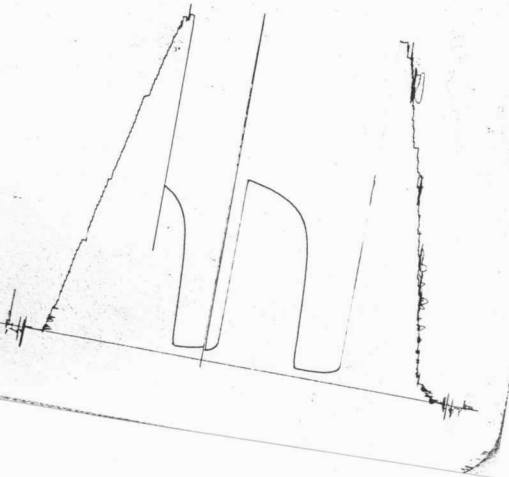


13540
DST #2

KT 19289

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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 19290

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

Elevation 2537 KB Formation Kansas Eff. Pay Ft.

District Colby Date 1-28-93 Customer Order No.
COMPANY NAME Pickrell Drilling Company, Inc.
ADDRESS 110 N. Market Suite 205 Wichita KS 67202
LEASE AND WELL NO. Becker "B" 6 COUNTY Gove STATE KS Sec. 34 Twp. 15 Rge. 27
Mail Invoice To Same #6 Becker B No. Copies Requested 16
Co. Name Same Address No. Copies Requested 16
Mail Charts To Same Address No. Copies Requested 16

Formation Test No. 3 Interval Tested From 3990 ft. to 4024 ft. Total Depth 4024 ft.
Packer Depth 3985 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3990 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3995 ft. Recorder Number 13521 Cap. 4375
Bottom Recorder Depth (Outside) 3998 ft. Recorder Number 13548 Cap. 4075
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Pickrell Rig 10 Drill Collar Length 237 I. D. 2.2 in.
Mud Type Chemical Viscosity 50 Weight Pipe Length - I. D. - in.
Weight 9.1 Water Loss 10.4 cc. Drill Pipe Length 3731 I. D. 3.8 in.
Chlorides 3000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 34 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 X 4 in.

Blow: IF Weak Surface Blow throughout IS No Blow
FF No Blow Flush tool No Blow FS No Blow
Recovered 10 ft. of Mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Chlorides P.P.M. Sample Jars used Remarks: FEB 02 1993

Time On Location 9:30 A.M. Time Pick Up Tool 9:45 P.M. Time Off Location A.M.
Time Set Packer(s) 11:00 P.M. Time Started Off Bottom 1:30 P.M. Maximum Temperature 168
Initial Hydrostatic Pressure (A) 2012 P.S.I.
Initial Flow Period Minutes 30 (B) 55 P.S.I. to (C) 55 P.S.I.
Initial Closed In Period Minutes 60 (D) 55 P.S.I.
Final Flow Period Minutes 30 (E) 55 P.S.I. to (F) 55 P.S.I.
Final Closed In Period Minutes 30 (G) 55 P.S.I.
Final Hydrostatic Pressure (H) 1991 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 Klawer
Signature of Customer or his authorized representative
Western Representative Joe Savage

FIELD INVOICE

Table with 2 columns: Item Name and Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, Telecopier, and TOTAL.

WESTERN TESTING CO., INC.

Pressure Data

Date 1-28-90

Test Ticket No. 19290

Recorder No. 1521

Capacity _____ Location _____ Ft.

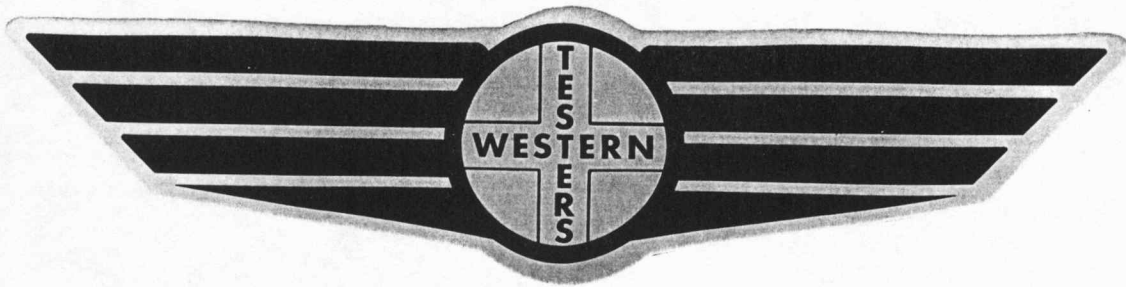
Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1997</u> P.S.I.		M	
B First Initial Flow Pressure	<u>49</u> P.S.I.	First Flow Pressure	Mins. <u>30</u>	Mins.
C First Final Flow Pressure	<u>49</u> P.S.I.	Initial Closed-in Pressure	Mins. <u>600</u>	Mins.
D Initial Closed-in Pressure	<u>50</u> P.S.I.	Second Flow Pressure	Mins. <u>30</u>	Mins.
E Second Initial Flow Pressure	<u>48</u> P.S.I.	Final Closed-in Pressure	Mins. <u>30</u>	Mins.
F Second Final Flow Pressure	<u>57</u> P.S.I.			
G Final Closed-in Pressure	<u>57</u> P.S.I.			
H Final Hydrostatic Mud	<u>1960</u> 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 <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>49</u>	0	<u>49</u>	0	<u>48</u>	0	<u>57</u>
P 2 5	<u>49</u>	3	<u>49</u>	5	<u>48</u>	3	<u>57</u>
P 3 10	<u>49</u>	6	<u>49</u>	10	<u>46-57</u>	6	<u>57</u>
P 4 15	<u>49</u>	9	<u>49</u>	15	<u>58</u>	9	<u>57</u>
P 5 20	<u>49</u>	12	<u>49</u>	20	<u>57</u>	12	<u>57</u>
P 6 25	<u>49</u>	15	<u>49</u>	25	<u>57</u>	15	<u>57</u>
P 7 30	<u>49</u>	18	<u>50</u>	30	<u>57</u>	18	<u>57</u>
P 8 35	<u>49</u>	21	<u>50</u>	35	<u>57</u>	21	<u>57</u>
P 9 40	<u>49</u>	24	<u>50</u>	40	<u>57</u>	24	<u>57</u>
P10 45	<u>49</u>	27	<u>50</u>	45	<u>57</u>	27	<u>57</u>
P11 50	<u>49</u>	30	<u>50</u>	50	<u>57</u>	30	<u>57</u>
P12 55	<u>49</u>	33	<u>50</u>	55	<u>57</u>	33	<u>57</u>
P13 60	<u>49</u>	36	<u>50</u>	60	<u>57</u>	36	<u>57</u>
P14 65	<u>49</u>	39	<u>50</u>	65	<u>57</u>	39	<u>57</u>
P15 70	<u>49</u>	42	<u>50</u>	70	<u>57</u>	42	<u>57</u>
P16 75	<u>49</u>	45	<u>50</u>	75	<u>57</u>	45	<u>57</u>
P17 80	<u>49</u>	48	<u>50</u>	80	<u>57</u>	48	<u>57</u>
P18 85	<u>49</u>	51	<u>50</u>	85	<u>57</u>	51	<u>57</u>
P19 90	<u>49</u>	54	<u>50</u>	90	<u>57</u>	54	<u>57</u>
P20 95	<u>49</u>	57	<u>50</u>	95	<u>57</u>	57	<u>57</u>
100	<u>49</u>	60	<u>50</u>	100	<u>57</u>	60	<u>57</u>

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

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

DST REPORT

GENERAL INFORMATION

DATE : 1/28/93	TICKET : 19290
CUSTOMER : PICKRELL DRILLING CO INC.	LEASE : BECKER B
WELL : 6 TEST: 3	GEOLOGIST: BILL KLAVER
ELEVATION: 2537 KB	FORMATION:
SECTION : 34	TOWNSHIP : 15S
RANGE : 27W COUNTY: GOVE	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3990.00 ft	TO: 4024.00 ft	TVD: 4024.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 3995.0 ft	3998.0 ft	
TEMPERATURE: 118.0		

DRILL COLLAR LENGTH: 237.0 ft	I.D.:	2.200 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 3731.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 22.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 34.0 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: 3985.0 ft	SIZE:	6.630 in
PACKER DEPTH: 3990.0 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 DRLG RIG 10	
MUD TYPE : CHEMICAL	VISCOSITY : 50.00 cp
WEIGHT : 9.100 ppg	WATER LOSS: 10.400 cc
CHLORIDES : 3000 ppm	
JARS-MAKE :	SERIAL NUMBER:
DID WELL FLOW?: NO	REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK SURFACE BLOW THROUGHOUT.
FINAL FLOW PERIOD NO BLOW, FLUSHED TOOL, NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.0470	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0470	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2012.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	55.00	55.00
INITIAL SHUT-IN	60.00		55.00
FINAL FLOW	30.00	55.00	55.00
FINAL SHUT-IN	30.00		55.00

FINAL HYDROSTATIC PRESSURE: 1991.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1997.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	49.00	49.00
INITIAL SHUT-IN	60.00		50.00
FINAL FLOW	30.00	48.00	57.00
FINAL SHUT-IN	30.00		57.00

FINAL HYDROSTATIC PRESSURE: 1960.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 1/28/93	TICKET : 19290
CUSTOMER : PICKRELL DRILLING CO INC.	LEASE : BECKER B
WELL : 6 TEST: 3	GEOLOGIST: BILL KLAVER
ELEVATION: 2537 KB	FORMATION:
SECTION : 34	TOWNSHIP : 15S
RANGE : 27W COUNTY: GOVE	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
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

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	49.00	49.00	0.00
6.00	49.00	0.00	0.00
9.00	49.00	0.00	0.00
12.00	49.00	0.00	0.00
15.00	49.00	0.00	0.00
18.00	50.00	1.00	0.00
21.00	50.00	0.00	0.00
24.00	50.00	0.00	0.00
27.00	50.00	0.00	0.00
30.00	50.00	0.00	0.00
33.00	50.00	0.00	0.00
36.00	50.00	0.00	0.00
39.00	50.00	0.00	0.00
42.00	50.00	0.00	0.00
45.00	50.00	0.00	0.00
48.00	50.00	0.00	0.00
51.00	50.00	0.00	0.00
54.00	50.00	0.00	0.00
57.00	50.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	50.00	0.00	0.00

FINAL FLOW

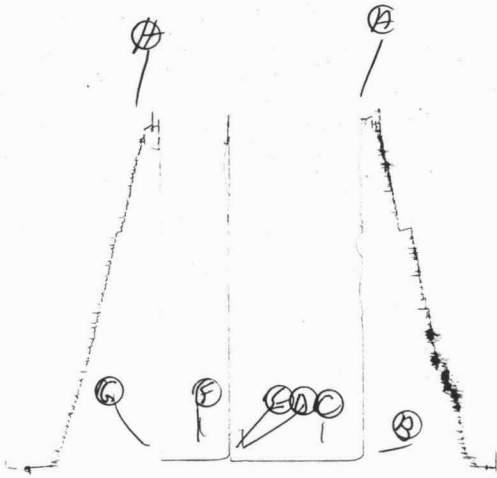
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	48.00	48.00
5.00	48.00	0.00
10.00	66.00	18.00
15.00	58.00	-8.00
20.00	57.00	-1.00
25.00	57.00	0.00
30.00	57.00	0.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	57.00	57.00	0.00
6.00	57.00	0.00	0.00
9.00	57.00	0.00	0.00
12.00	57.00	0.00	0.00
15.00	57.00	0.00	0.00
18.00	57.00	0.00	0.00
21.00	57.00	0.00	0.00
24.00	57.00	0.00	0.00
27.00	57.00	0.00	0.00
30.00	57.00	0.00	0.00

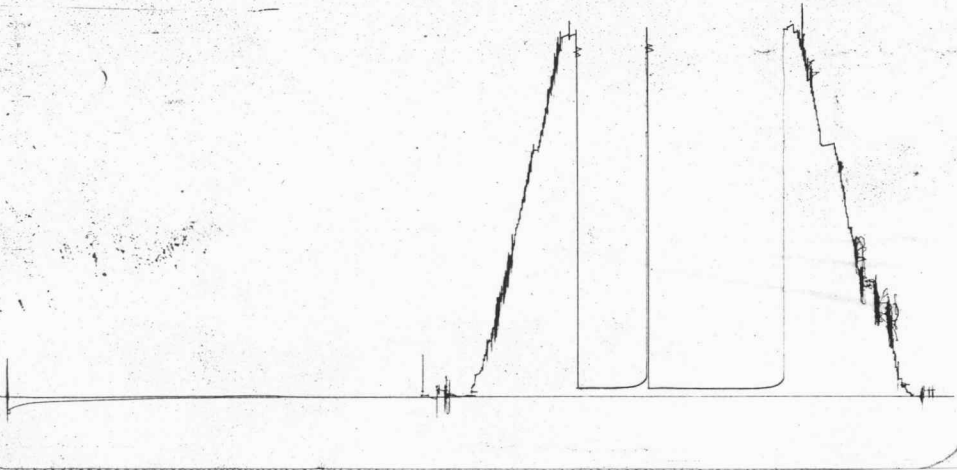
13521
DST #3

KT 19290 //
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13548
DST #3

KT 19290 //
O





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 19291

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

Elevation 2537 KB Formation Lansing "K" Eff. Pay Ft.

District Colby Date 1-29-93 Customer Order No.
COMPANY NAME Pickrell Drilling Company, Inc
ADDRESS 110 N. Market Suite 205 Wichita KS 67202
LEASE AND WELL NO. Becker "B" 6 COUNTY Grove STATE KS Sec. 34 Twp. 15 Rge. 27
Mail Invoice To Co. Name Same H/O Address Becker B No. Copies Requested Reg + 6
Mail Charts To Same Address No. Copies Requested Reg + 6

Formation Test No. 4 Interval Tested From 4024 ft. to 4042 ft. Total Depth 4042 ft.
Packer Depth 4019 ft. Size 6 3/8 in. Packer Depth - ft. Size - in.
Packer Depth 4024 ft. Size 6 3/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set
Top Recorder Depth (Inside) 4035 ft. Recorder Number 13521 Cap. 4375
Bottom Recorder Depth (Outside) 4038 ft. Recorder Number 13548 Cap. 4075
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Pickrell Rig 10 Drill Collar Length 237 I. D. 2.2 in.
Mud Type Chemical Viscosity 50 Weight Pipe Length - I. D. - in.
Weight 9.1 Water Loss 7 + 10.4 cc. Drill Pipe Length 3765 I. D. 3.8 in.
Chlorides 3000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 18 ft. Size 5 1/2 in.
Did Well Flow? no Reversed Out no Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X 1 1/2 in.

Blow: IF Weak Building Blow to 3/4 inches in Bucket IS No Blow
FF Weak Surface Blow Building to 1 inches in Bucket FS No Blow
Recovered 75 ft. of slurry Mud 40% Mud 60% water
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Chlorides 22000 P.P.M. Sample Jars used - Remarks: FEB 02 1993

Time On Location 1145 A.M. Time Pick Up Tool 1215 P.M. Time Off Location A.M.
Time Set Packer(s) 145 A.M. Time Started Off Bottom 615 P.M. Maximum Temperature 118 P.M.
Initial Hydrostatic Pressure (A) 1969 P.S.I.
Initial Flow Period Minutes 30 (B) 50 P.S.I. to (C) 50 P.S.I.
Initial Closed In Period Minutes 60 (D) 557 P.S.I.
Final Flow Period Minutes 90 (E) 50 P.S.I. to (F) 60 P.S.I.
Final Closed In Period Minutes 90 (G) 354 P.S.I.
Final Hydrostatic Pressure (H) 1918 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 Mauer Signature of Customer or his authorized representative
Western Representative Gene O'Jung

FIELD INVOICE

Table with 2 columns: Item Name and Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, Telecopier, and TOTAL.

WESTERN TESTING CO., INC.

Pressure Data

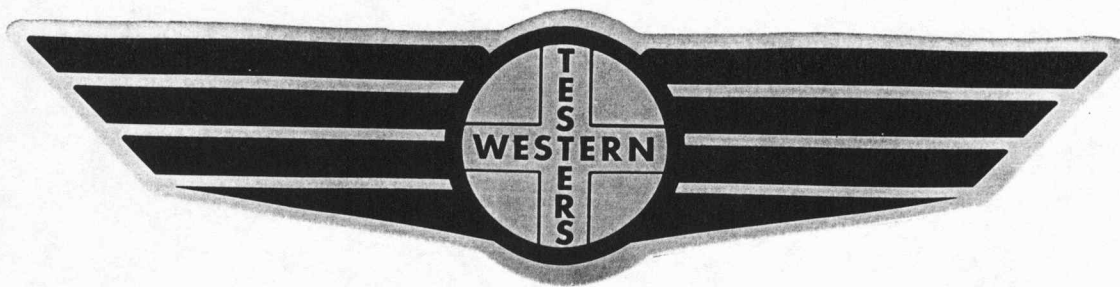
Date 1-29-52 Test Ticket No. 19291
 Recorder No. 12541 Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>200</u> P.S.I.		M
B First Initial Flow Pressure	<u>48</u> P.S.I.		Mins. <u>20</u> Mins.
C First Final Flow Pressure	<u>48</u> P.S.I.		Mins. <u>62</u> Mins.
D Initial Closed-in Pressure	<u>521</u> P.S.I.		Mins. <u>20</u> Mins.
E Second Initial Flow Pressure	<u>61</u> P.S.I.		Mins. <u>57</u> Mins.
F Second Final Flow Pressure	<u>62</u> P.S.I.		
G Final Closed-in Pressure	<u>509</u> P.S.I.		
H Final Hydrostatic Mud	<u>1959</u> P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
	Press.	Point Minutes Press.	Point Minutes Press.	Point Minutes Press.
P 1 0	<u>48</u>	0 <u>48</u>	0 <u>61</u>	0 <u>62</u>
P 2 5		3 <u>20</u>	5	3 <u>75</u>
P 3 10		6 <u>181</u>	10	6 <u>122</u>
P 4 15		9 <u>216</u>	15	9 <u>168</u>
P 5 20		12 <u>251</u>	20	12 <u>199</u>
P 6 25		15 <u>222</u>	25	15 <u>215</u>
P 7 30	<u>48</u>	18 <u>296</u>	30	18 <u>247</u>
P 8 35		21 <u>215</u>	35	21 <u>237</u>
P 9 40		24 <u>233</u>	40	24 <u>243</u>
P10 45		27 <u>252</u>	45	27 <u>252</u>
P11 50		30 <u>267</u>	50	30 <u>258</u>
P12 55		33 <u>280</u>	55	33 <u>265</u>
P13 60		36 <u>294</u>	60	36 <u>272</u>
P14 65		39 <u>428</u>	65	39 <u>278</u>
P15 70		42 <u>362</u>	70	42 <u>282</u>
P16 75		45 <u>492</u>	75	45 <u>288</u>
P17 80		48 <u>517</u>	80	48 <u>292</u>
P18 85		51 <u>522</u>	85	51 <u>301</u>
P19 90		54 <u>545</u>	90	54 <u>304</u>
P20 95		57 <u>555</u>	95	57 <u>309</u>
100		60 <u>564</u>	100	60
		<u>62</u> <u>571</u>		

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

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

DST REPORT

GENERAL INFORMATION

DATE : 1/29/93	TICKET : 19291
CUSTOMER : PICKRELL DRILLING CO INC.	LEASE : BECKER B
WELL : 6 TEST: 4	GEOLOGIST: BILL KLAVER
ELEVATION: 2537 KB	FORMATION: LANSING K
SECTION : 34	TOWNSHIP : 15S
RANGE : 27W COUNTY: GOVE	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4024.00 ft	TO: 4042.00 ft	TVD: 4042.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 4035.0 ft	4038.0 ft	
TEMPERATURE: 118.0		
DRILL COLLAR LENGTH: 237.0 ft	I.D.:	2.200 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 3765.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 22.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 18.0 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: 4019.0 ft	SIZE:	6.630 in
PACKER DEPTH: 4024.0 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 DRLG RIG 10	VISCOSITY : 50.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 10.400 cc
WEIGHT : 9.100 ppg	
CHLORIDES : 3000 ppm	SERIAL NUMBER:
JARS-MAKE :	REVERSED OUT?: NO
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BUILDING BLOW TO 1 3/4 INCH IN BUCKET. FINAL FLOW PERIOD WEAK SURFACE BLOW, BUILDING TO A 1 INCH BLOW IN BUCKET.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
75.0	0.0	0.0	60.0	40.0	WATERY MUD CHLORIDES 22000 P.P.M.
0.0	0.0	0.0	0.0	0.0	

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	120.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.1410 STB	AVERAGE WATER RATE:	4.2312 STB/D
WATER VOLUME:	0.2116 STB		
TOTAL FLUID :	0.3526 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1969.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	50.00	50.00
INITIAL SHUT-IN	60.00		557.00
FINAL FLOW	90.00	50.00	50.00
FINAL SHUT-IN	90.00		354.00

FINAL HYDROSTATIC PRESSURE: 1918.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2002.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	48.00	48.00
INITIAL SHUT-IN	63.00		571.00
FINAL FLOW	90.00	61.00	62.00
FINAL SHUT-IN	57.00		309.00

FINAL HYDROSTATIC PRESSURE: 1959.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 1/29/93	TICKET : 19291
CUSTOMER : PICKRELL DRILLING CO INC.	LEASE : BECKER B
WELL : 6 TEST: 4	GEOLOGIST: BILL KLAVER
ELEVATION: 2537 KB	FORMATION: LANSING K
SECTION : 34	TOWNSHIP : 15S
RANGE : 27W COUNTY: GOVE	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	48.00	48.00
5.00	48.00	0.00
10.00	48.00	0.00
15.00	48.00	0.00
20.00	48.00	0.00
25.00	48.00	0.00
30.00	48.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	70.00	70.00	0.00
6.00	181.00	111.00	0.00
9.00	216.00	35.00	0.00
12.00	251.00	35.00	0.00
15.00	273.00	22.00	0.00
18.00	296.00	23.00	0.00
21.00	315.00	19.00	0.00
24.00	333.00	18.00	0.00
27.00	352.00	19.00	0.00
30.00	367.00	15.00	0.00
33.00	380.00	13.00	0.00
36.00	394.00	14.00	0.00
39.00	428.00	34.00	0.00
42.00	462.00	34.00	0.00
45.00	492.00	30.00	0.00
48.00	517.00	25.00	0.00
51.00	532.00	15.00	0.00
54.00	545.00	13.00	0.00
57.00	555.00	10.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	564.00	9.00	0.00
63.00	571.00	7.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	61.00	61.00
5.00	61.00	0.00
10.00	61.00	0.00
15.00	61.00	0.00
20.00	61.00	0.00
25.00	61.00	0.00
30.00	61.00	0.00
35.00	61.00	0.00
40.00	61.00	0.00
45.00	61.00	0.00
50.00	61.00	0.00
55.00	61.00	0.00
60.00	61.00	0.00
65.00	61.00	0.00
70.00	61.00	0.00
75.00	61.00	0.00
80.00	62.00	1.00
85.00	62.00	0.00
90.00	62.00	0.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	75.00	75.00	0.00
6.00	123.00	48.00	0.00
9.00	168.00	45.00	0.00
12.00	199.00	31.00	0.00
15.00	215.00	16.00	0.00
18.00	227.00	12.00	0.00
21.00	237.00	10.00	0.00
24.00	243.00	6.00	0.00
27.00	253.00	10.00	0.00

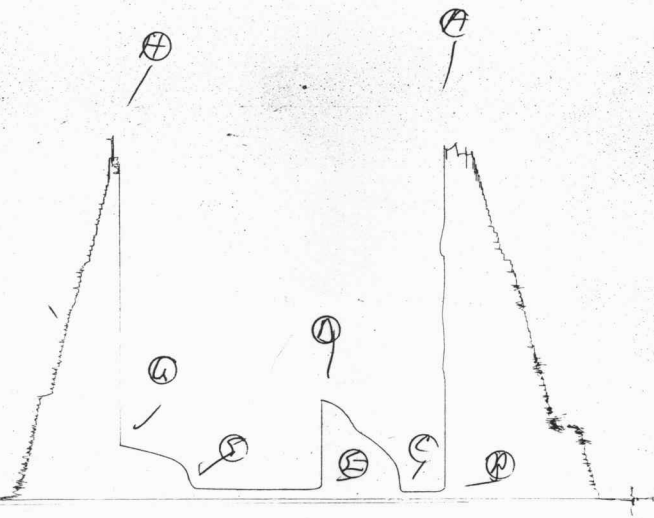
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
30.00	258.00	5.00	0.00
33.00	265.00	7.00	0.00
36.00	272.00	7.00	0.00
39.00	278.00	6.00	0.00
42.00	282.00	4.00	0.00
45.00	288.00	6.00	0.00
48.00	292.00	4.00	0.00
51.00	301.00	9.00	0.00
54.00	304.00	3.00	0.00
57.00	309.00	5.00	0.00

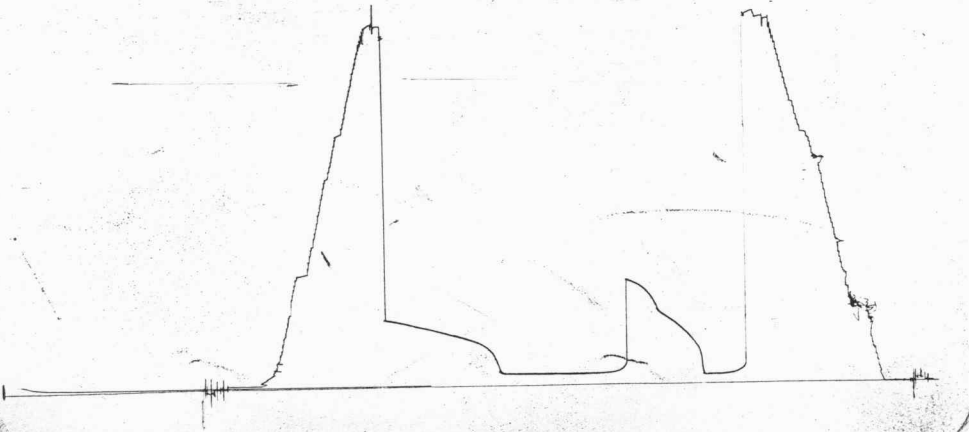
13521
DST#4

KT 1929/
1 //



13548
DST#4

KT 1929/
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WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No 19292

P. O. BOX 1599 PHONE (316) 262-5861

Elevation 2537 KB Formation Fort Scott Eff. Pay Ft.

WICHITA, KANSAS 67201

District Colby Date 1-30-93 Customer Order No.
COMPANY NAME Pickrell Drilling Company, Inc
ADDRESS 110 N. Market, Suite 205 Wichita KS 67202
LEASE AND WELL NO. Becker B 6 COUNTY Gove STATE KS Sec. 34 Twp. 15 Rge. 27
Mail Invoice To Same #6 Becker B No. Copies Requested Reg 16
Co. Name Address
Mail Charts To Same No. Copies Requested Reg 16
Address

Formation Test No. 5 Interval Tested From 4268 ft. to 4320 ft. Total Depth 4328 ft.
Packer Depth 4263 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 4268 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 4283 ft. Recorder Number 13521 Cap. 4375
Bottom Recorder Depth (Outside) 4286 ft. Recorder Number 13572/4675 Cap. 4075
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Pickrell Rig 10 Drill Collar Length 207 I. D. 2.2 in.
Mud Type Chemical Viscosity 43 Weight Pipe Length - I. D. - in.
Weight 9.1 Water Loss 11.2 cc. Drill Pipe Length 4039 I. D. 3.8 in.
Chlorides 3000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 52 ft. Size 5 1/2 in.
Did Well Flow? no Reversed Out no Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: IF Weak Surface Blow Building to 1 1/2 inches in Bucket IS No Blow
FF Weak Surface Blow Building to 1 1/2 inches in Bucket FS No Blow
Recovered 20 ft. of oil cut mud 80% mud & 20% oil
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Chlorides P.P.M. Sample Jars used Remarks: FEB 02 1993

Time On Location 1245 A.M. Time Pick Up Tool 200 A.M. Time Off Location A.M.
Time Set Packer(s) 330 P.M. Time Started Off Bottom 800 A.M. Maximum Temperature 124° P.M.
Initial Hydrostatic Pressure (A) 1979 P.S.I.
Initial Flow Period Minutes 30 (B) 40 P.S.I. to (C) 40 P.S.I.
Initial Closed In Period Minutes 60 (D) 80 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) 101 P.S.I.
Final Hydrostatic Pressure (H) 1969 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 Mura Signature of Customer or his authorized representative

Western Representative Joe Savage

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 1-30-52
Recorder No. 13521

Test Ticket No. 19592
Capacity _____ Location _____ Ft.
Well Temperature _____ °F

Clock No. _____ Elevation _____

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2152</u> P.S.I.	Open Tool		M
B First Initial Flow Pressure	<u>59</u> P.S.I.	First Flow Pressure	Mins. <u>30</u>	Mins.
C First Final Flow Pressure	<u>59</u> P.S.I.	Initial Closed-in Pressure	Mins. <u>64</u>	Mins.
D Initial Closed-in Pressure	<u>95</u> P.S.I.	Second Flow Pressure	Mins. <u>90</u>	Mins.
E Second Initial Flow Pressure	<u>60</u> P.S.I.	Final Closed-in Pressure	Mins. <u>90</u>	Mins.
F Second Final Flow Pressure	<u>60</u> P.S.I.			
G Final Closed-in Pressure	<u>104</u> P.S.I.			
H Final Hydrostatic Mud	<u>2175</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
	Press.	Point Minutes Press.	Point Minutes Press.	Point Minutes Press.
P 1 0	<u>59</u>	0 <u>59</u>	0 <u>60</u>	0 <u>60</u>
P 2 5	<u>2</u>	3 <u>2</u>	5 <u>2</u>	3 <u>2</u>
P 3 10	<u>2</u>	6 <u>2</u>	10 <u>2</u>	6 <u>2</u>
P 4 15	<u>2</u>	9 <u>2</u>	15 <u>2</u>	9 <u>2</u>
P 5 20	<u>2</u>	12 <u>2</u>	20 <u>2</u>	12 <u>2</u>
P 6 25	<u>2</u>	15 <u>59</u>	25 <u>2</u>	15 <u>60</u>
P 7 30	<u>59</u>	18 <u>59</u>	30 <u>2</u>	18 <u>2</u>
P 8 35	<u>2</u>	21 <u>60</u>	35 <u>2</u>	21 <u>2</u>
P 9 40	<u>2</u>	24 <u>62</u>	40 <u>2</u>	24 <u>60</u>
P10 45	<u>2</u>	27 <u>64</u>	45 <u>2</u>	27 <u>61</u>
P11 50	<u>2</u>	30 <u>66</u>	50 <u>2</u>	30 <u>62</u>
P12 55	<u>2</u>	33 <u>68</u>	55 <u>2</u>	33 <u>62</u>
P13 60	<u>2</u>	36 <u>70</u>	60 <u>60</u>	36 <u>66</u>
P14 65	<u>2</u>	39 <u>72</u>	65 <u>2</u>	39 <u>68</u>
P15 70	<u>2</u>	42 <u>74</u>	70 <u>2</u>	42 <u>70</u>
P16 75	<u>2</u>	45 <u>76</u>	75 <u>2</u>	45 <u>72</u>
P17 80	<u>2</u>	48 <u>79</u>	80 <u>2</u>	48 <u>74</u>
P18 85	<u>2</u>	51 <u>82</u>	85 <u>2</u>	51 <u>76</u>
P19 90	<u>2</u>	54 <u>85</u>	90 <u>60</u>	54 <u>78</u>
P20 95	<u>2</u>	57 <u>88</u>	95 <u>2</u>	57 <u>80</u>
100	<u>2</u>	60 <u>91</u>	100 <u>2</u>	60 <u>82</u>

WESTERN TESTING CO., INC.
Pressure Data

Date _____

Test Ticket No. 19292

Recorder No. _____ Capacity _____ Location _____ Ft.

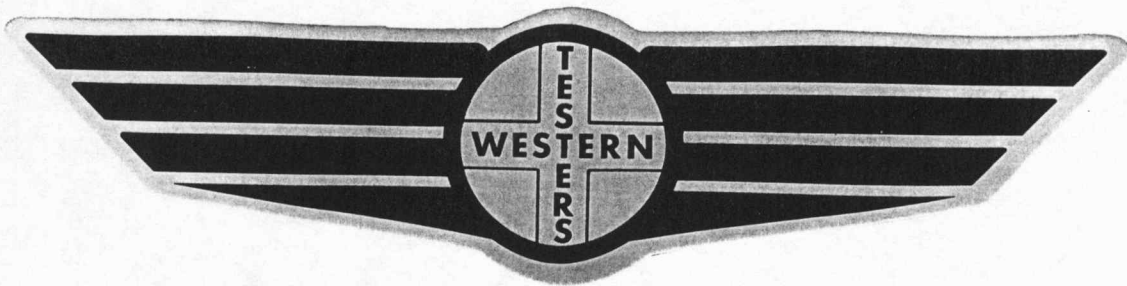
Clock No. _____ Elevation _____ Well Temperature _____ °F

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 _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 105	_____	63	_____	105	_____	63	84
P 2 110	_____	66	_____	110	_____	66	87
P 3 115	_____	69	_____	115	_____	69	80
P 4 120	_____	72	_____	120	_____	72	93
P 5 125	_____	75	_____	125	_____	75	95
P 6 130	_____	78	_____	130	_____	78	97
P 7 135	_____	81	_____	135	_____	81	99
P 8 140	_____	84	_____	140	_____	84	101
P 9 145	_____	87	_____	145	_____	87	103
P10 150	_____	90	_____	150	_____	90	104
P11 155	_____	93	_____	155	_____	93	
P12 160	_____	96	_____	160	_____	96	
P13 165	_____	99	_____	165	_____	99	
P14 170	_____	102	_____	170	_____	102	
P15 175	_____	105	_____	175	_____	105	
P16 180	_____	108	_____	180	_____	108	
P17 185	_____	111	_____	185	_____	111	
P18 190	_____	114	_____	190	_____	114	
P19 195	_____	117	_____	195	_____	117	
P20 200	_____	120	_____	200	_____	120	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

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

DST REPORT

GENERAL INFORMATION

DATE : 1/30/93
CUSTOMER : PICKRELL DRILLING CO INC.
WELL : 6 TEST: 5
ELEVATION: 2537 KB
SECTION : 34
RANGE : 27W COUNTY: GOVE
GAUGE SN#: 13521 RANGE : 4375
TICKET : 19292
LEASE : BECKER B
GEOLOGIST: BILL KLAVER
FORMATION: FORT SCOTT
TOWNSHIP : 15S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4268.00 ft TO: 4320.00 ft TVD: 4320.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4283.0 ft 4286.0 ft
TEMPERATURE: 124.0
DRILL COLLAR LENGTH: 207.0 ft I.D.: 2.200 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 4039.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 22.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 52.0 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: 4263.0 ft SIZE: 6.630 in
PACKER DEPTH: 4268.0 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 DRLG RIG 10
MUD TYPE : CHEMICAL VISCOSITY : 43.00 cp
WEIGHT : 9.100 ppg WATER LOSS: 11.200 cc
CHLORIDES : 3000 ppm
JARS-MAKE :
DID WELL FLOW?: NO SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

WEAK SURFACE BLOW BUILDING TO A 1 1/2 INCH BLOW IN
BUCKET ON BOTH FLOW PERIODS.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
20.0	20.0	0.0	0.0	80.0	OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	0.0188	STB	TOTAL FLOW TIME:	120.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	1.1283	STB/D
MUD VOLUME:	0.0752	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0940	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1979.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	40.00	40.00
INITIAL SHUT-IN	60.00		80.00
FINAL FLOW	90.00	40.00	40.00
FINAL SHUT-IN	90.00		101.00

FINAL HYDROSTATIC PRESSURE: 1969.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2152.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	59.00	59.00
INITIAL SHUT-IN	66.00		95.00
FINAL FLOW	90.00	60.00	60.00
FINAL SHUT-IN	90.00		104.00

FINAL HYDROSTATIC PRESSURE: 2145.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 1/30/93	TICKET : 19292
CUSTOMER : PICKRELL DRILLING CO INC.	LEASE : BECKER B
WELL : 6 TEST: 5	GEOLOGIST: BILL KLAVER
ELEVATION: 2537 KB	FORMATION: FORT SCOTT
SECTION : 34	TOWNSHIP : 15S
RANGE : 27W COUNTY: GOVE	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	59.00	59.00
5.00	59.00	0.00
10.00	59.00	0.00
15.00	59.00	0.00
20.00	59.00	0.00
25.00	59.00	0.00
30.00	59.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	59.00	59.00	0.00
6.00	59.00	0.00	0.00
9.00	59.00	0.00	0.00
12.00	59.00	0.00	0.00
15.00	59.00	0.00	0.00
18.00	59.00	0.00	0.00
21.00	60.00	1.00	0.00
24.00	62.00	2.00	0.00
27.00	64.00	2.00	0.00
30.00	66.00	2.00	0.00
33.00	68.00	2.00	0.00
36.00	70.00	2.00	0.00
39.00	72.00	2.00	0.00
42.00	74.00	2.00	0.00
45.00	76.00	2.00	0.00
48.00	79.00	3.00	0.00
51.00	82.00	3.00	0.00
54.00	85.00	3.00	0.00
57.00	88.00	3.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	91.00	3.00	0.00
63.00	93.00	2.00	0.00
66.00	95.00	2.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	60.00	60.00
5.00	60.00	0.00
10.00	60.00	0.00
15.00	60.00	0.00
20.00	60.00	0.00
25.00	60.00	0.00
30.00	60.00	0.00
35.00	60.00	0.00
40.00	60.00	0.00
45.00	60.00	0.00
50.00	60.00	0.00
55.00	60.00	0.00
60.00	60.00	0.00
65.00	60.00	0.00
70.00	60.00	0.00
75.00	60.00	0.00
80.00	60.00	0.00
85.00	60.00	0.00
90.00	60.00	0.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	60.00	60.00	0.00
6.00	60.00	0.00	0.00
9.00	60.00	0.00	0.00
12.00	60.00	0.00	0.00
15.00	60.00	0.00	0.00
18.00	60.00	0.00	0.00
21.00	60.00	0.00	0.00
24.00	60.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

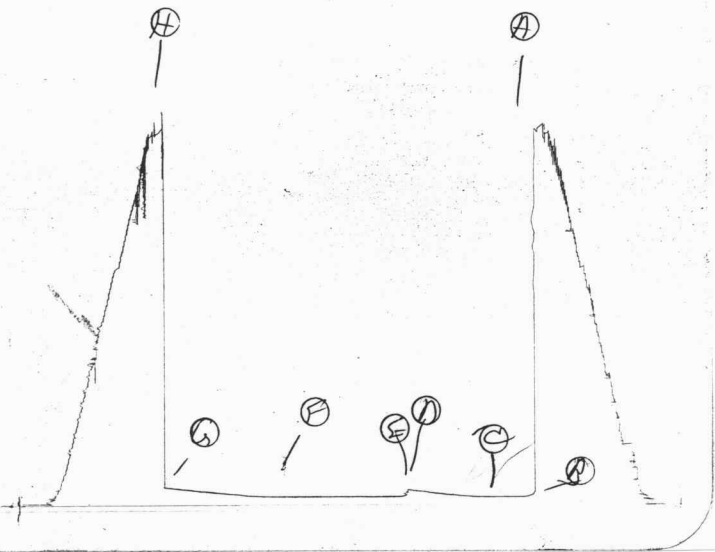
FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
27.00	61.00	1.00	0.00
30.00	62.00	1.00	0.00
33.00	64.00	2.00	0.00
36.00	66.00	2.00	0.00
39.00	68.00	2.00	0.00
42.00	70.00	2.00	0.00
45.00	72.00	2.00	0.00
48.00	74.00	2.00	0.00
51.00	76.00	2.00	0.00
54.00	78.00	2.00	0.00
57.00	80.00	2.00	0.00
60.00	82.00	2.00	0.00
63.00	84.00	2.00	0.00
66.00	87.00	3.00	0.00
69.00	90.00	3.00	0.00
72.00	93.00	3.00	0.00
75.00	95.00	2.00	0.00
78.00	97.00	2.00	0.00
81.00	99.00	2.00	0.00
84.00	101.00	2.00	0.00
87.00	103.00	2.00	0.00
90.00	104.00	1.00	0.00

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