



WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET No 5195 <sup>OK</sup>

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

Elevation 1533 KB Formation TORRANTO Eff. Pay      Ft.

District Great Bend Date 9/29/64 Customer Order No.     

COMPANY NAME Dunne-GARDNER Petroleum, Inc.

ADDRESS Suite 250, 200 W Douglas Wichita, KS 67202

LEASE AND WELL NO. Ricke #2 COUNTY BARBER STATE KS Sec. 12 Twp 32S Rge 11W

Mail Invoice To Same as Above #2 Ricke No. Copies Requested 5

Co. Name Same as Above Address      No. Copies Requested 5

Formation Test No. #1 Interval Tested From 3631 ft. to 3643 ft. Total Depth 3643 ft.

Packer Depth 3631 ft. Size 6 5/8 in. Packer Depth      ft. Size      in.

Packer Depth 3626 ft. Size 6 5/8 in. Packer Depth      ft. Size      in.

Depth of Selective Zone Set     

Top Recorder Depth (Inside) 3633 ft. Recorder Number 13550 Cap. 4175

Bottom Recorder Depth (Outside) 3638 ft. Recorder Number 10979 Cap. 4100

Below Saddle Recorder Depth      ft. Recorder Number      Cap.     

Drilling Contractor DUNNE-GARDNER Petro Rig 1 Drill Collar Length      I. D.      in.

Mud Type Premix Viscosity 33 Weight Pipe Length 370 I. D. 2.7 in.

Weight 9.4 Water Loss      cc. Drill Pipe Length 3240 I. D. 3.8 in.

Chlorides 28,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make      Serial Number      Anchor Length 12 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 FH in.

Blow: 1st opening, weak blow, hose 4" into bucket remained thru-out  
2nd opening, weak blow, hose 4" into bucket remained thru-out

Recovered 60' ft. of GAS IN PIPE

Recovered 30' ft. of OIL CUT MUD+WATER 10% OIL 15% WATER 75% MUD

Recovered 60' ft. of OIL CUT MUDDY WATER 5% OIL 80% WATER 15% MUD

Recovered      ft. of     

Recovered      ft. of     

Chlorides 110,000 P.P.M. Sample Jars used 2 Remarks:     

Time On Location 1:15 <sup>AM</sup> P.M. Time Pick Up Tool 3:15 <sup>AM</sup> P.M. Time Off Location 10:00 <sup>AM</sup> P.M.

Time Set Packer(s) 5:20 <sup>AM</sup> P.M. Time Started Off Bottom 7:20 <sup>AM</sup> P.M. Maximum Temperature 114°

Initial Hydrostatic Pressure      (A) 1920 P.S.I.

Initial Flow Period 30 Minutes (B) 31 P.S.I. to (C) 42 P.S.I.

Initial Closed In Period 30 Minutes (D) 1186 P.S.I.

Final Flow Period 30 Minutes (E) 52 P.S.I. to (F) 63 P.S.I.

Final Closed In Period 30 Minutes (G) 1165 P.S.I.

Final Hydrostatic Pressure      (H) 1768 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 Doug M. Guinness  
Signature of Customer or his authorized representative

Western Representative Ronnie Mitchell

FIELD INVOICE

Open Hole Test	\$ <u>550</u>
Mistuff	\$
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$
Fluid Sampler	\$
Extra Charts	\$
Insurance	\$ <u>50</u>
Telecopier	\$
TOTAL	\$

1325

WESTERN TESTING CO., INC.

Pressure Data

Date 9-29

Test Ticket No. 5195

Recorder No. 13550

Capacity \_\_\_\_\_ Location \_\_\_\_\_ F

Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1820</u>	P.S.I.		M
B First Initial Flow Pressure	<u>36</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Min.
C First Final Flow Pressure	<u>39</u>	P.S.I.	<u>30</u> Mins.	<u>33</u> Min.
D Initial Closed-in Pressure	<u>1188</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Min.
E Second Initial Flow Pressure	<u>54</u>	P.S.I.	<u>30</u> Mins.	<u>33</u> Min.
F Second Final Flow Pressure	<u>59</u>	P.S.I.		
G Final Closed-in Pressure	<u>1165</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1772</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure  
Breakdown: 7 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

Initial Shut-In  
Breakdown: 12 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Second Flow Pressure  
Breakdown: 7 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

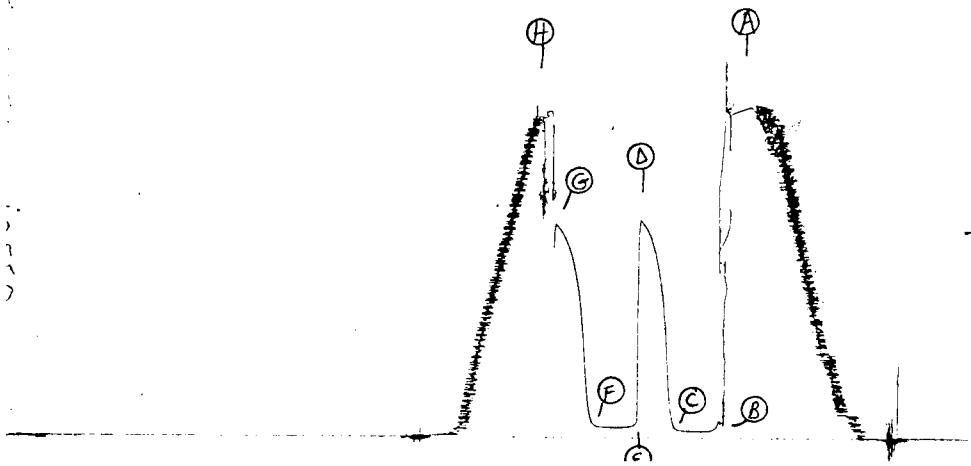
Final Shut-In  
Breakdown: 12 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>36</u>	0	<u>39</u>	0	<u>54</u>	0	<u>59</u>
P 2 5	<u>(</u>	3	<u>39</u>	5	<u>(</u>	3	<u>85</u>
P 3 10	<u>(</u>	6	<u>66</u>	10	<u>(</u>	6	<u>191</u>
P 4 15	<u>(</u>	9	<u>186</u>	15	<u>(</u>	9	<u>390</u>
P 5 20	<u>36</u>	12	<u>531</u>	20	<u>54</u>	12	<u>670</u>
P 6 25	<u>37</u>	15	<u>767</u>	25	<u>56</u>	15	<u>829</u>
P 7 30	<u>39</u>	18	<u>894</u>	30	<u>59</u>	18	<u>935</u>
P 8 35		21	<u>1006</u>	35		21	<u>1018</u>
P 9 40		24	<u>1076</u>	40		24	<u>1071</u>
P10 45		27	<u>1130</u>	45		27	<u>1117</u>
P11 50		30	<u>1165</u>	50		30	<u>1151</u>
P12 55		33	<u>1188</u>	55		33	<u>1165</u>
P13 60		36		60		36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

TKT # 5195

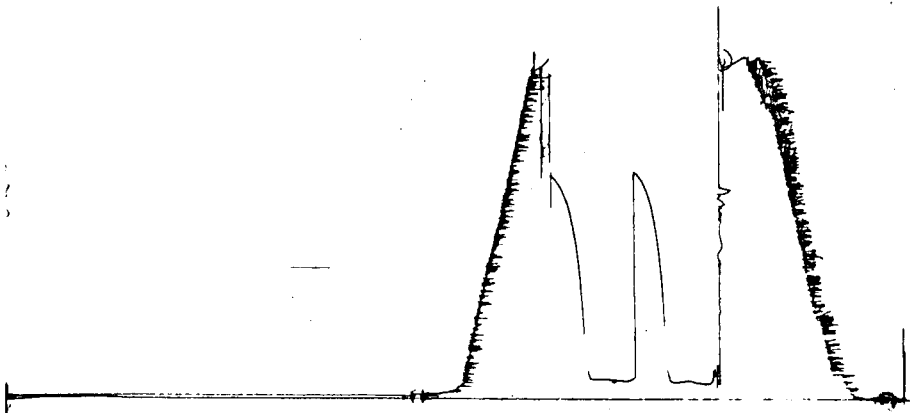
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TKT # 5195

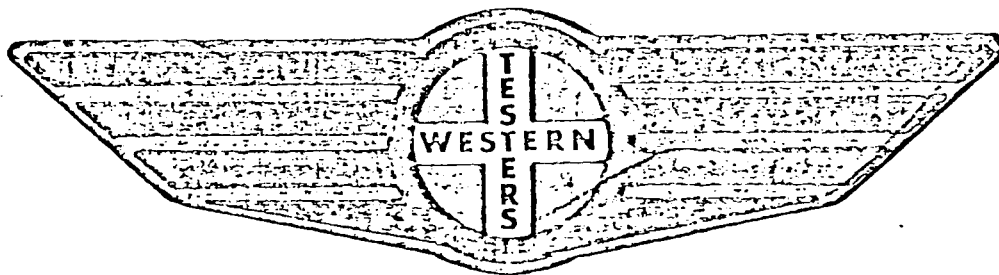
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# FORMATION

# TEST

# REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 9/29/84 TICKET #5195  
 CUSTOMER: DUNNE-GARDNER-PETROLEUM INC. LEASE: RICKE  
 WELL: #2 TEST: 1 GEOLOGIST: MCGUINESS  
 ELEVATION (KB): 1533 FORMATION: TORONTO  
 SECTION: 12 TOWNSHIP: 32S  
 RANGE: 11W COUNTY: BARBER STATE: KANSAS  
 GAUGE SN #13550 RANGE: 4175 CLOCK: 12

INTERVAL TEST FROM: 3631 FT TO: 3643 FT TOTAL DEPTH: 3643 FT  
 DEPTH OF SELECTIVE ZONE: FT  
 PACKER DEPTH: 3631 FT SIZE: 6 5/8 IN PACKER DEPTH: 3643 FT SIZE: 6 5/8 IN  
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: DG  
 MUD TYPE: PREMIX VISCOSITY: 33  
 WEIGHT: 9.4 WATER LOSS (CC):  
 CHLORIDES (P.P.M.): 28000  
 JARS - MAKE: SERIAL NUMBER:  
 DID WELL FLOW? REVERSED OUT?  
 DRILL COLLAR LENGTH: FT I.D.: IN  
 WEIGHT PIPE LENGTH: 370 FT I.D.: 2.7 IN  
 DRILL PIPE LENGTH: 3240 FT I.D.: 3.8 IN  
 TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 O.D. IN  
 ANCHOR LENGTH: 12 FT SIZE: 5 1/2 O.D. 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: BOTH INITIAL & FINAL FLOW PERIODS HAD  
 WEAK BLOW HOSE 4" INTO BUCKET  
 REMAINED THROUGHOUT.

RECOVERED: 60 FT OF: GAS ABOVE FLUID.  
 RECOVERED: 30 FT OF: OIL CUT MUD & WTR; 10% OIL; 15% WTR; 75% MUD.  
 RECOVERED: 60 FT OF: OIL CUT MUDDY WTR. 5% OIL; 80% WTR; 15% MUD.  
 RECOVERED: FT OF: CHLORIDES 110000 P.P.M.  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 5:20 A.M. TIME STARTED OFF BOTTOM: 7:20 A.M.  
 WELL TEMPERATURE: 114 °F  
 INITIAL HYDROSTATIC PRESSURE: (A) 1820 PSI  
 INITIAL FLOW PERIOD MIN: 30 (B) 36 PSI TO (C) 39 PSI  
 INITIAL CLOSED IN PERIOD MIN: 33 (D) 1188 PSI  
 FINAL FLOW PERIOD MIN: 30 (E) 54 PSI TO (F) 59 PSI  
 FINAL CLOSED IN PERIOD MIN: 33 (G) 1165 PSI  
 FINAL HYDROSTATIC PRESSURE (H) 1772 PSI





WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET NO: 5196 <sup>OK</sup>

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

Elevation 1533 KB Formation LANSING Eff. Pay - Ft.

District Great Bend Ks Date 7/29/84 Customer Order No. -  
COMPANY NAME Dunne - GARDNER PETROLEUM, INC.  
ADDRESS Suite E 250, 200 W Douglas Wichita Ks 67202  
LEASE AND WELL NO. Ricke #2 COUNTY BARBER STATE KANSAS Sec. 12 Twp. 32S Rge. 11W  
Mail Invoice To #2 Ricke Same as above Co. Name No. Copies Requested 5  
Mail Charts To Same as above Address No. Copies Requested 5

Formation Test No. #2 Interval Tested From 3740 ft. to 3747 ft. Total Depth 3747 ft.  
Packer Depth 3740 ft. Size - in. Packer Depth - ft. Size - in.  
Packer Depth 3735 ft. Size - in. Packer Depth - ft. Size - in.  
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3740 ft. Recorder Number 13550 Cap. 4175  
Bottom Recorder Depth (Outside) 3744 ft. Recorder Number 10979 Cap. 4100  
Below Saddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor DUNNE - GARDNER #1 Drill Collar Length - I. D. - in.  
Mud Type Premix Viscosity 45 Weight Pipe Length 370 I. D. 2.7 in.  
Weight 9.4 Water Loss 11.4 cc. Drill Pipe Length 3349 I. D. 3.8 in.  
Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size 5/8 OD in.  
Jars: Make - Serial Number - Anchor Length 7 ft. Size 5/8 OD 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 FH in.

Blow: 1st opening weak Blow Hase 2" into Bucket Remain Thru-out  
2nd opening weak SURFACE Blow, Died 10 min, Flushed Tool No Help Remain

Recovered - ft. of DEAD TRENCH  
Recovered - ft. of  
Recovered 30 ft. of HEAVY Globby MUD  
Recovered - ft. of  
Recovered - ft. of

Chlorides - P.P.M. Sample Jars used - Remarks: Tool Slid 5 to 8 Feet DURING 1st opening  
All Anchor WAS Plugged OFF.

Time On Location 6:40 A.M. Time Pick Up Tool 7:20 P.M. Time Off Location - A.M.  
Time Set Packer(s) 8:40 P.M. Time Started Off Bottom 10:40 P.M. Maximum Temperature - P.M.  
Initial Hydrostatic Pressure (A) - P.S.I.  
Initial Flow Period Minutes 30 (B) - P.S.I. to (C) - P.S.I.  
Initial Closed in Period Minutes 30 (D) - P.S.I.  
Final Flow Period Minutes 30 (E) - P.S.I. to (F) - P.S.I.  
Final Closed in Period Minutes 30 (G) - P.S.I.  
Final Hydrostatic Pressure (H) - 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 Doug M. Dunne  
Signature of Customer or his authorized representative  
Western Representative Ronnie Mitchell 7/29/84  
1325

FIELD INVOICE  
Open Hole Test \$ 400  
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 9-29

Test Ticket No. 5196

Recorder No. 13550

Capacity \_\_\_\_\_ Location \_\_\_\_\_

Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_

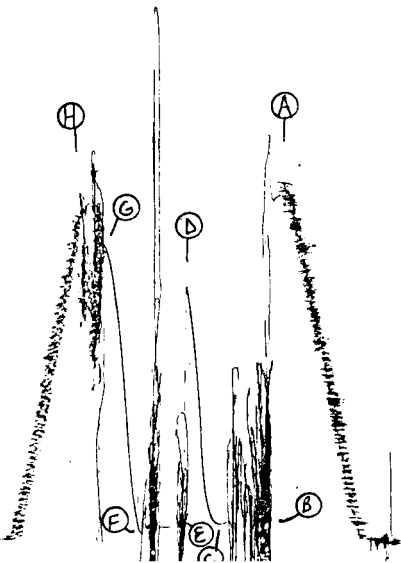
Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1860</u> P.S.I.			
B First Initial Flow Pressure	<u>73</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>35</u> Mins.
C First Final Flow Pressure	<u>73</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>24</u> Mins.
D Initial Closed-in Pressure	<u>1358</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>22</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>22</u> P.S.I.	<i>Severe plugging on both flows Missrun!</i>		
G Final Closed-in Pressure	<u>1598</u> P.S.I.			
H Final Hydrostatic Mud	<u>1830</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>8</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>7</u> Inc.		Breakdown: <u>11</u> 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 <u>0</u>	<u>73</u>	<u>0</u>	<u>73</u>	<u>0</u>	<u>22</u>	<u>0</u>	<u>22</u>
P 2 <u>5</u>		<u>3</u>	<u>85</u>	<u>5</u>		<u>3</u>	<u>75</u>
P 3 <u>10</u>		<u>6</u>	<u>113</u>	<u>10</u>		<u>6</u>	<u>167</u>
P 4 <u>15</u>		<u>9</u>	<u>180</u>	<u>15</u>		<u>9</u>	<u>332</u>
P 5 <u>20</u>		<u>12</u>	<u>309</u>	<u>20</u>		<u>12</u>	<u>548</u>
P 6 <u>25</u>		<u>15</u>	<u>635</u>	<u>25</u>		<u>15</u>	<u>956</u>
P 7 <u>30</u>		<u>18</u>	<u>958</u>	<u>30</u>	<u>22</u>	<u>18</u>	<u>1218</u>
P 8 <u>35</u>	<u>73</u>	<u>21</u>	<u>1224</u>	<u>35</u>		<u>21</u>	<u>1393</u>
P 9 <u>40</u>		<u>24</u>	<u>1358</u>	<u>40</u>		<u>24</u>	<u>1513</u>
P10 <u>45</u>		<u>27</u>		<u>45</u>		<u>27</u>	<u>1588</u>
P11 <u>50</u>		<u>30</u>		<u>50</u>		<u>30</u>	<u>1598</u>
P12 <u>55</u>		<u>33</u>		<u>55</u>		<u>33</u>	
P13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	
P14		<u>39</u>		<u>65</u>		<u>39</u>	
P15		<u>42</u>		<u>70</u>		<u>42</u>	
P16		<u>45</u>		<u>75</u>		<u>45</u>	
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

TKT # 5196

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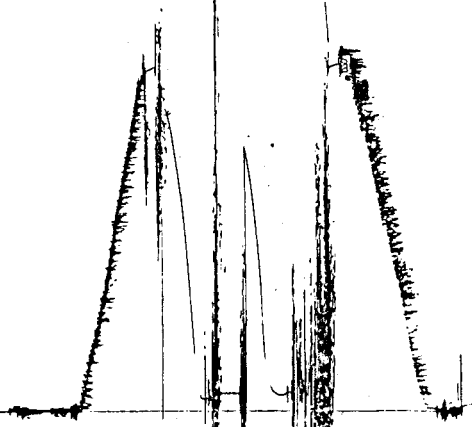


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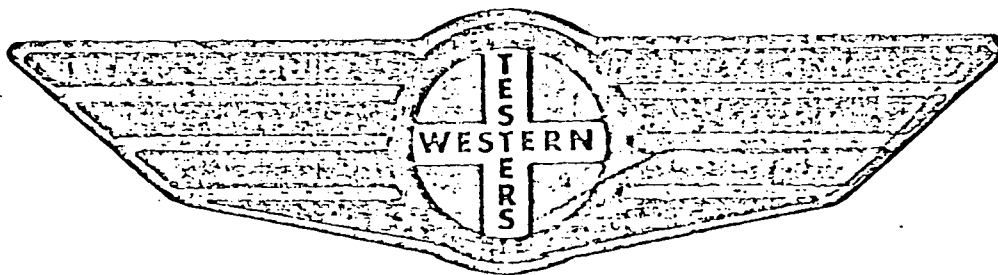
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# FORMATION

# TEST

# REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company DUNNE-GARDNER PETROLEUM, INC Lease and Well No. #2 RICKE Sec. 12 Twp. 32S Rge. 11W Test No. 2 Date 9/29/84

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 9/29/84 TICKET #5196  
CUSTOMER: DUNNE-GARDNER PETROLEUM INC. LEASE: RICKE  
WELL: #2 TEST: 2 GEOLOGIST: MCGUINESS  
ELEVATION (KB): 1533 FORMATION: LANSING  
SECTION: 12 TOWNSHIP: 32S  
RANGE: 11W COUNTY: BARBER STATE: KANSAS  
GAUGE SN #13550 RANGE: 4175 CLOCK: 12

INTERVAL TEST FROM: 3740 FT TO: 3747 FT TOTAL DEPTH: 3747 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 3740 FT SIZE: 6 5/8 IN PACKER DEPTH: 3735 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: D-G  
MUD TYPE: PREMIX VISCOSITY: 45  
WEIGHT: 9.4 WATER LOSS (CC): 11.4  
CHLORIDES (P.P.M.): 14000  
JARS - MAKE: SERIAL NUMBER:  
DID WELL FLOW? REVERSED OUT?  
DRILL COLLAR LENGTH: FT I.D.: IN  
WEIGHT PIPE LENGTH: 370 FT I.D.: 2.7 IN  
DRILL PIPE LENGTH: 3349 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 O.D. IN  
ANCHOR LENGTH: 7 FT SIZE: 5 1/2 O.D. 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: INITIAL FLOW PERIOD WEAK 2" BLOW.  
FINAL FLOW PERIOD WEAK SURFACE BLOW  
DEAD IN 10 MINUTES; FLUSHED TOOL  
NO HELP.

RECOVERED: 30 FT OF: HEAVY GLOBBY MUD.  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:

REMARKS: TOOL SLID 5' TO 8' DURING RIFP.  
ALL ANCHOR WAS PLUGGED OFF.

TIME SET PACKER(S): 8:40 P.M. TIME STARTED OFF BOTTOM: 10:40 P.M.  
WELL TEMPERATURE: 0 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 1860 PSI  
INITIAL FLOW PERIOD MIN: 35 (B) 73 PSI TO (C) 73 PSI  
INITIAL CLOSED IN PERIOD MIN: 24 (D) 1358 PSI  
FINAL FLOW PERIOD MIN: 30 (E) 22 PSI TO (F) 22 PSI  
FINAL CLOSED IN PERIOD MIN: 30 (G) 1598 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1830 PSI





WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET NO. 5197 *OK*

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

Elevation 1533 KB Formation LANSHING Eff. Pay - Ft.

District *11* *Great Bend Ks* Date *9/30/84* Customer Order No. *-*  
COMPANY NAME *DUNNE + GARDNER PETROLEUM, INC.*  
ADDRESS *Suite 250, 200W DOUGLAS WICHITA KANS 67202*  
LEASE AND WELL NO. *Ricke # 2* COUNTY *BARBER* STATE *KS* Sec. *12* Twp. *32S* Rge. *11W*  
Mail Invoice To *#2 Ricke* Co. Name *Same as above* Address *Same as above* No. Copies Requested *5*  
Mail Charts To *Same as above* Address *Same as above* No. Copies Requested *5*

Formation Test No. *#3* Interval Tested From *3740* ft. to *3747* ft. Total Depth *3747* ft.  
Packer Depth *3740* ft. Size *6 5/8* in. Packer Depth *-* ft. Size *-* in.  
Packer Depth *3733* ft. Size *6 5/8* in. Packer Depth *-* ft. Size *-* in.

Depth of Selective Zone Set *-*  
Top Recorder Depth (Inside) *3727* ft. Recorder Number *13550* Cap. *4175*  
Bottom Recorder Depth (Outside) *3742* ft. Recorder Number *10979* Cap. *4100*  
Below Saddle Recorder Depth *-* ft. Recorder Number *-* Cap. *-*

Drilling Contractor *DUNNE + GARDNER #1* Drill Collar Length *-* I. D. *-* in.  
Mud Type *Premix* Viscosity *45* Weight Pipe Length *320* I. D. *2.7* in.  
Weight *9.4* Water Loss *11.4* cc. Drill Pipe Length *3344* I. D. *3.8* in.  
Chlorides *14,000* P.P.M. Test Tool Length *26* ft. Tool Size *5 1/2 OD* in.  
Jars: Make *-* Serial Number *-* Anchor Length *37* ft. Size *5 1/2 OD* in.  
Did Well Flow? *-* Reversed Out *-* 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 FH* in.

Blow: *1st opening tool slid 5' packer failure*

Recovered *282* ft. of *DIG MUD*  
Recovered *-* ft. of *-*  
Recovered *-* ft. of *-*  
Recovered *-* ft. of *-*  
Chlorides *-* P.P.M. Sample Jars used *-* Remarks: *RECORDED*

Time On Location *6:40* *AM* Time Pick Up Tool *5:30* *PM* Time Off Location *-* *AM*  
Time Set Packer(s) *7:05* *AM* Time Started Off Bottom *7:15* *AM* Maximum Temperature *-*  
Initial Hydrostatic Pressure *-* (A) *-* P.S.I.  
Initial Flow Period *-* Minutes (B) *-* P.S.I. to (C) *-* P.S.I.  
Initial Closed In Period *-* Minutes (D) *-* P.S.I.  
Final Flow Period *-* Minutes (E) *-* P.S.I. to (F) *-* P.S.I.  
Final Closed In Period *-* Minutes (G) *-* P.S.I.  
Final Hydrostatic Pressure *-* (H) *-* 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 *[Signature]*  
Signature of Customer or his authorized representative  
Western Representative *Ronnie Mitchell*  
*B25*

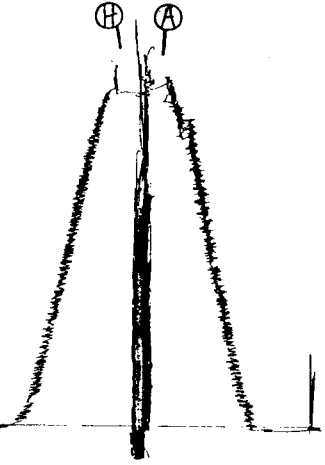
FIELD INVOICE  
*Open Hole Test* \$ *400*  
Miscrun \$ *-*  
Straddle Test \$ *-*  
Jars \$ *-*  
Selective Zone \$ *-*  
Safety Joint \$ *-*  
Standby \$ *-*  
Evaluation \$ *-*  
Extra Packer \$ *-*  
Circ. Sub. \$ *-*  
Mileage \$ *-*  
Fluid Sampler \$ *-*  
Extra Charts \$ *-*  
Insurance \$ *-*  
Telecopier \$ *-*  
TOTAL \$ *-*

TKT # 5197

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DST# 3 TKT 5197

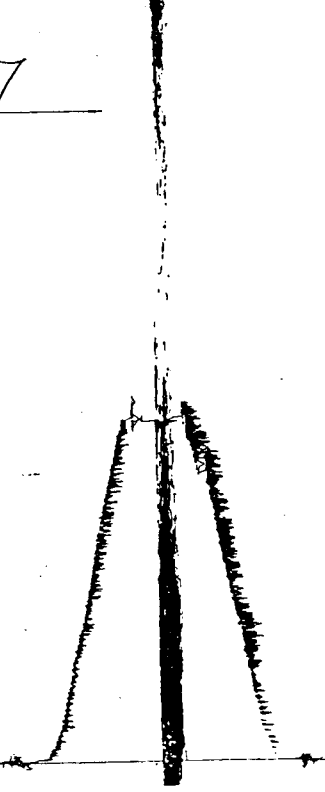
RECORDED  
13550



TKT # 5197

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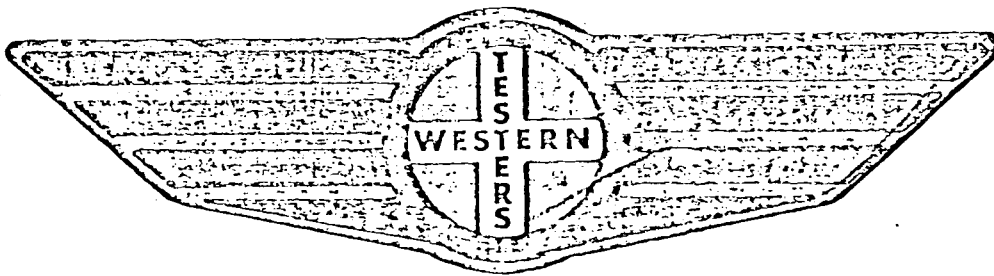
DST# 3 TKT 5197 10979



# FORMATION

# TEST

# REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company

DUNN-GARDNER PETROLEUM, INC.  
Lease and Well No.

#2 KICK

Sec.

12

Twp.

328

Rge.

11W

Test No. 3

Date

9/30/78

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 9/30/84  
CUSTOMER: DUNNE-GARDNER PETROLEUM INC.  
WELL: #2 TEST: 3  
ELEVATION (KB): 1533 FORMATION: LANSING  
SECTION: 12 TOWNSHIP: 32W  
RANGE: 11W COUNTY: BARBER STATE: KANSAS  
GAUGE SN #13550 RANGE: 4175 CLOCK: 12

INTERVAL TEST FROM: 3740 FT TO: 3747 FT TOTAL DEPTH: 3747 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 3740 FT SIZE: 6 5/8 IN PAKER DEPTH: 3735 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: DG  
MUD TYPE: PREMIX VISCOSITY: 45  
WEIGHT: 9.4 WATER LOSS (CC): 11.4  
CHLORIDES (P.P.M.): 14000  
JARS - MAKE: SERIAL NUMBER:  
DID WELL FLOW? REVERSED OUT?  
DRILL COLLAR LENGTH: FT I.D.: IN  
WEIGHT PIPE LENGTH: 370 FT I.D.: 2.7 IN  
DRILL PIPE LENGTH: 3344 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 26 FT TOOL SIZE: 5 1/2 O.D. IN  
ANCHOR LENGTH: 7 FT SIZE: 5 1/2 O.D. 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: PACKER FAILURE

RECOVERED: 282 FT OF: DRLG MUD.  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 7:05 P.M. TIME STARTED OFF BOTTOM: 7:15 P.M.  
WELL TEMPERATURE: 0 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 1820 PSI  
INITIAL FLOW PERIOD MIN: 0 (B) 0 PSI TO (C) 0 PSI  
INITIAL CLOSED IN PERIOD MIN: 0 (D) 0 PSI  
FINAL FLOW PERIOD MIN: 0 (E) 0 PSI TO (F) 0 PSI  
FINAL CLOSED IN PERIOD MIN: 0 (G) 0 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1805 PSI





WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET No 5198

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

Elevation 1533 KB Formation LANSING Eff. Pay - Ft.

District Great Bend KS Date 9/30/84 Customer Order No. -  
COMPANY NAME DUNNE + GARDNER PETROLEUM INC.  
ADDRESS Suite 250, 200 West Douglas Wichita Kansas 67202  
LEASE AND WELL NO. Ricke #2 COUNTY BARBER STATE KS Sec. 12 Twp 32S Rge 11W  
Mail Invoice To #2 Ricke Same as above No. Copies Requested 5  
Co. Name Address  
Mail Charts To Same as above No. Copies Requested 5  
Address

Formation Test No. #4 Interval Tested From 3742 ft. to 3747 ft. Total Depth 3747 ft.  
Packer Depth 3742 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.  
Packer Depth 3737 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.  
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3732 ft. Recorder Number 13550 Cap. 4175  
Bottom Recorder Depth (Outside) 3742 ft. Recorder Number 10979 Cap. 4100  
Below Saddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor DUNNE - GARDNER #1 Drill Collar Length - I. D. - in.  
Mud Type Premix Viscosity 43 Weight Pipe Length 370 I. D. 2.7 in.  
Weight 9.2 Water Loss 20.4 cc. Drill Pipe Length 3346 I. D. 3.8 in.  
Chlorides 30,000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 OD in.  
Jars: Make - Serial Number - Anchor Length 5 ft. Size 5 1/2 OD 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 FH in.

Blow: 1st opening, Weak Blow, Hose 4" into Bucket Blow Died in 17 minutes Remain Thru-out  
2nd opening, NO Blow, Flushed Tool got weak surge, Remain Dead Thru-out

Recovered - ft. of  
Recovered 15' ft. of Globby Mud  
Recovered - ft. of  
Recovered - ft. of  
Recovered - ft. of  
Chlorides P.P.M. Sample Jars used Remarks: Tool Slid 4'

Time On Location 6:40 - 9-29 AM P.M. Time Pick Up Tool 9:00 AM P.M. Time Off Location AM P.M.  
Time Set Packer(s) 10:40 AM P.M. Time Started Off Bottom 12:40 AM P.M. Maximum Temperature  
Initial Hydrostatic Pressure (A) P.S.I.  
Initial Flow Period Minutes 30 (B) P.S.I. to (C) P.S.I.  
Initial Closed In Period Minutes 30 (D) P.S.I.  
Final Flow Period Minutes 30 (E) P.S.I. to (F) P.S.I.  
Final Closed In Period Minutes 30 (G) P.S.I.  
Final Hydrostatic Pressure (H) 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 Signature of Customer or his authorized representative  
Western Representative Ronnie Mitchell 9/30/84  
1325

FIELD INVOICE

Table with 2 columns: Item, 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, TOTAL.

WESTERN TESTING CO., INC.

Pressure Data

Date 9-30

Test Ticket No. 5198

Recorder No. 10979

Capacity \_\_\_\_\_ Location \_\_\_\_\_ F

Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1882</u>	P.S.I.		
B First Initial Flow Pressure	<u>141</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Min
C First Final Flow Pressure	<u>141</u>	P.S.I.	<u>30</u> Mins.	<u>42</u> Min
D Initial Closed-in Pressure	<u>1247</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Min
E Second Initial Flow Pressure	<u>59</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Min
F Second Final Flow Pressure	<u>59</u>	P.S.I.		
G Final Closed-in Pressure	<u>531</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1845</u>	P.S.I.		

Open Tool \_\_\_\_\_ M  
 First Flow Pressure \_\_\_\_\_  
 Initial Closed-in Pressure \_\_\_\_\_  
 Second Flow Pressure \_\_\_\_\_  
 Final Closed-in Pressure \_\_\_\_\_  
*Severe plugging action on both flows!*  
*Misrun!*

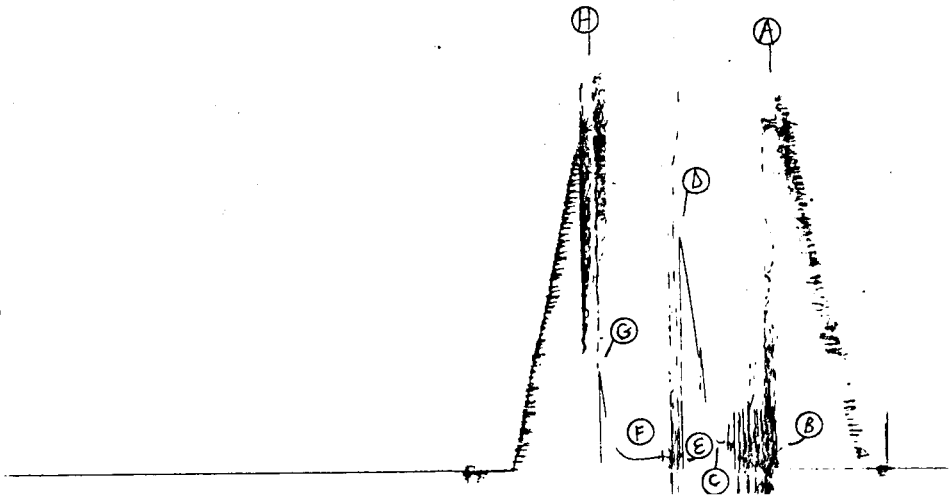
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>7</u> Inc.		Breakdown: <u>11</u> 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>141</u>	0	<u>141</u>	0	<u>59</u>	0	<u>59</u>
P 2 5		3		5		3	<u>59</u>
P 3 10		6		10		6	<u>61</u>
P 4 15		9		15		9	<u>68</u>
P 5 20		12	<u>141</u>	20		12	<u>81</u>
P 6 25		15	<u>184</u>	25		15	<u>98</u>
P 7 30	<u>141</u>	18	<u>223</u>	30	<u>59</u>	18	<u>133</u>
P 8 35		21	<u>279</u>	35		21	<u>191</u>
P 9 40		24	<u>437</u>	40		24	<u>285</u>
P 10 45		27	<u>604</u>	45		27	<u>418</u>
P 11 50		30	<u>704</u>	50		30	<u>531</u>
P 12 55		33	<u>860</u>	55		33	
P 13 60		36	<u>1025</u>	60		36	
P 14		39	<u>1139</u>	65		39	
P 15		42	<u>1247</u>	70		42	
P 16		45		75		45	
P 17		48		80		48	
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
		60				60	

TKT # 5198



TKT RIGS ACT# 4 10979



TKT # 5198

H

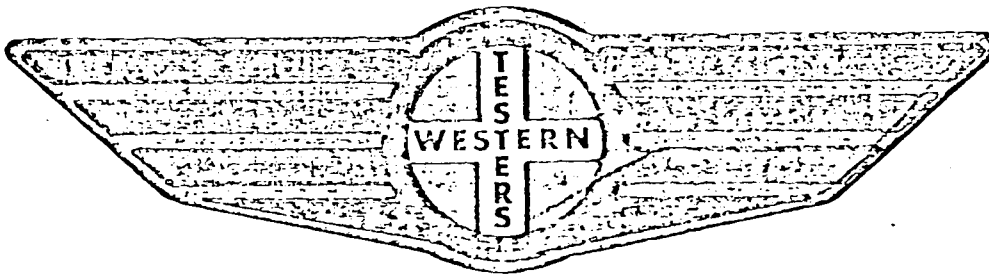
TKT 5198 OST#4 13550

*[Large, stylized, illegible scribbled text]*

# FORMATION

# TEST

# REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company \_\_\_\_\_  
DUNN-CARLSON ENGINEERS, INC.  
Lease and Well No. \_\_\_\_\_  
72 ALONE  
Sec. \_\_\_\_\_  
Twp. \_\_\_\_\_  
Rge. \_\_\_\_\_  
T1W Test No. \_\_\_\_\_  
Date 9/30/84

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 9/30/84 TICKET #5198  
 CUSTOMER: DUNNE-GARDNER PETROLEUM INC. LEASE: RICKE  
 WELL: #2 TEST: 4 GEOLOGIST: TANNER  
 ELEVATION (KB): 1533 FORMATION: LANSING  
 SECTION: 12 TOWNSHIP: 32S  
 RANGE: 11W COUNTY: BARBER STATE: KANSAS  
 GAUGE SN #10979 RANGE: 4100 CLOCK: 12

INTERVAL TEST FROM: 3742 FT TO: 3747 FT TOTAL DEPTH: 3747 FT  
 DEPTH OF SELECTIVE ZONE: FT  
 PACKER DEPTH: 3742 FT SIZE: 6 5/8 IN PACKER DEPTH: 3737 FT SIZE: 6 5/8 IN  
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: D-G  
 MUD TYPE: PREMIX VISCOSITY: 43  
 WEIGHT: 9.2 WATER LOSS (CC): 20.4  
 CHLORIDES (P.P.M.): 30000  
 JARS - MAKE: SERIAL NUMBER:  
 DID WELL FLOW? REVERSED OUT?  
 DRILL COLLAR LENGTH: FT I.D.: IN  
 WEIGHT PIPE LENGTH: 370 FT I.D.: 2.7 IN  
 DRILL PIPE LENGTH: 3346 FT I.D.: 3.8 IN  
 TEST TOOL LENGTH: 26 FT TOOL SIZE: 5 1/2 O.D. IN  
 ANCHOR LENGTH: 5 FT SIZE: 5 1/2 O.D. 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: INITIAL FLOW PERIOD WEAK 1/4" BLOW  
 DEAD IN 17 MINUTES. FINAL FLOW PERIOD  
 NO BLOW FLUSHED TOOL GOT WEAK SURGE  
 THEN DEAD.

RECOVERED: 15 FT OF: GLOBBY MUD.  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:  
 RECOVERED: FT OF:

REMARKS: SEVERE PLUGGING ACTION IN BOTH FLOW PERIODS.  
 READ OUTSIDE CHART. SLID TOOL 4'.

TIME SET PACKER(S): 10:40 A.M. TIME STARTED OFF BOTTOM: 12:40 P.M.  
 WELL TEMPERATURE: 0 °F  
 INITIAL HYDROSTATIC PRESSURE: (A) 1882 PSI  
 INITIAL FLOW PERIOD MIN: 30 (B) 141 PSI TO (C) 141 PSI  
 INITIAL CLOSED IN PERIOD MIN: 42 (D) 1247 PSI  
 FINAL FLOW PERIOD MIN: 30 (E) 59 PSI TO (F) 59 PSI  
 FINAL CLOSED IN PERIOD MIN: 30 (G) 531 PSI  
 FINAL HYDROSTATIC PRESSURE (H) 1845 PSI

