



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

Nº

5547

OK

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

WICHITA, KANSAS 67201

Elevation 1711 K10

Formation Mus

Eff. Pay Ft.

District Augusta

Date 7-31-84

Customer Order No.

COMPANY NAME J.D & B Properties

ADDRESS 4932 S Peoria Tulsa Oklahoma 74105

LEASE AND WELL NO. 74105 COUNTY Barber STATE KS Sec. 17 Twp. 31S Rge. 10W

Mail Invoice To Same #1 ZELMA INSLEE No. Copies Requested 1

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 1 Interval Tested From 4474 ft. to 4481 ft. Total Depth 4536 ft.

Packer Depth 4474 ft. Size 6 3/4 in. Packer Depth 4481 ft. Size 6 3/4 in.

Packer Depth 4469 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4464 ft.

Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 4460 ft.

Recorder Number Cap.

Below Saddle Recorder Depth 4485 ft.

Recorder Number 2605 Cap. 4150

Drilling Contractor Habbert & Jones

Drill Collar Length 300 I. D. 2 25 in.

Mud Type Drispac Viscosity 45

Weight Pipe Length I. D. in.

Weight 9.4 Water Loss 12.2 cf.

Drill Pipe Length 4144 I. D. 3.8 in.

Chlorides 17000 P.P.M.

Test Tool Length 30 ft. Tool Size 5 1/2 in.

Jars: Make Wtc Serial Number

Anchor Length 7 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 1/8 in. Tool Joint Size 7 1/8 in.

Blow: good blow decreasing to fair

Recovered 180 ft. of gas in pipe

Recovered 60 ft. of Oil Cut mud 14% Oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used

Remarks: Pressure on bottom Chart of saddle "Peak" 1566 #

Time On Location 9:00 A.M. Time Pick Up Tool 10:00 A.M. Time Off Location A.M.

Time Set Packer(s) 12:10 P.M. Time Started Off Bottom 3:10 P.M. Maximum Temperature 136°

Initial Hydrostatic Pressure (A) 2224 P.S.I.

Initial Flow Period Minutes 120 (B) 22 P.S.I. to (C) 30 P.S.I.

Initial Closed Period Minutes 60 (D) 507 P.S.I.

Final Flow Period Minutes NOT TAKEN P.S.I. to (F) P.S.I.

Final Closed Period Minutes NOT TAKEN P.S.I.

Final Hydrostatic Pressure (H) 2224 P.S.I.

COMPANY

FIELD INVOICE

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

[Signature: Kenny Kirkendall 1127]

Open Hole Test \$ 595
Misrun \$
Saddle Test \$ 300
Jars \$ 300
Selective Zone \$
Safety Joint \$ 65
Standby \$
Evaluation \$
Extra Packer \$ 225
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$

WESTERN TESTING CO., INC.

Pressure Data

Date 7-31

Test Ticket No. 5547

Recorder No. 3474

Capacity _____ Location _____ F

Clock No. _____ Elevation _____ Well Temperature _____ °

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2234</u> P.S.I.			M
B First Initial Flow Pressure	<u>28</u> P.S.I.	First Flow Pressure	<u>120</u> Mins.	
C First Final Flow Pressure	<u>517</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	
D Initial Closed-in Pressure	_____ P.S.I.	Second Flow Pressure	_____ Mins.	
E Second Initial Flow Pressure	_____ P.S.I.	Final Closed-in Pressure	_____ Mins.	
F Second Final Flow Pressure	_____ P.S.I.			
G Final Closed-in Pressure	_____ P.S.I.			
H Final Hydrostatic Mud	<u>2227</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>24</u> Inc.		Breakdown: <u>21</u> Inc.		Breakdown: <u>0</u> Inc.		Breakdown: <u>0</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>28</u>	0	<u>2234</u>	0		0	
P 2 5		3	<u>48</u>	5		3	
P 3 10		6	<u>66</u>	10		6	
P 4 15		9	<u>85</u>	15		9	
P 5 20	<u>28</u>	12	<u>104</u>	20		12	
P 6 25	<u>29</u>	15	<u>122</u>	25		15	
P 7 30	<u>29</u>	18	<u>144</u>	30		18	
P 8 35	<u>29</u>	21	<u>163</u>	35		21	
P 9 40	<u>30</u>	24	<u>182</u>	40		24	
P10 45	<u>30</u>	27	<u>203</u>	45		27	
P11 50	<u>31</u>	30	<u>223</u>	50		30	
P12 55	<u>31</u>	33	<u>241</u>	55		33	
P13 60	<u>32</u>	36	<u>258</u>	60		36	
P14 65	<u>32</u>	39	<u>278</u>	65		39	
P15 70	<u>33</u>	42	<u>297</u>	70		42	
P16 75	<u>33</u>	45	<u>367</u>	75		45	
P17 80	<u>34</u>	48	<u>404</u>	80		48	
P18 85	<u>34</u>	51	<u>453</u>	85		51	
P19 90	<u>35</u>	54	<u>474</u>	90		54	
P20 95	<u>35</u>	57	<u>502</u>			57	
WTC - 4	<u>35</u>	60	<u>517</u>			60	

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 5547

Recorder No. _____ Capacity _____ Location _____

Clock No. _____ Elevation _____ Well Temperature _____

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.			

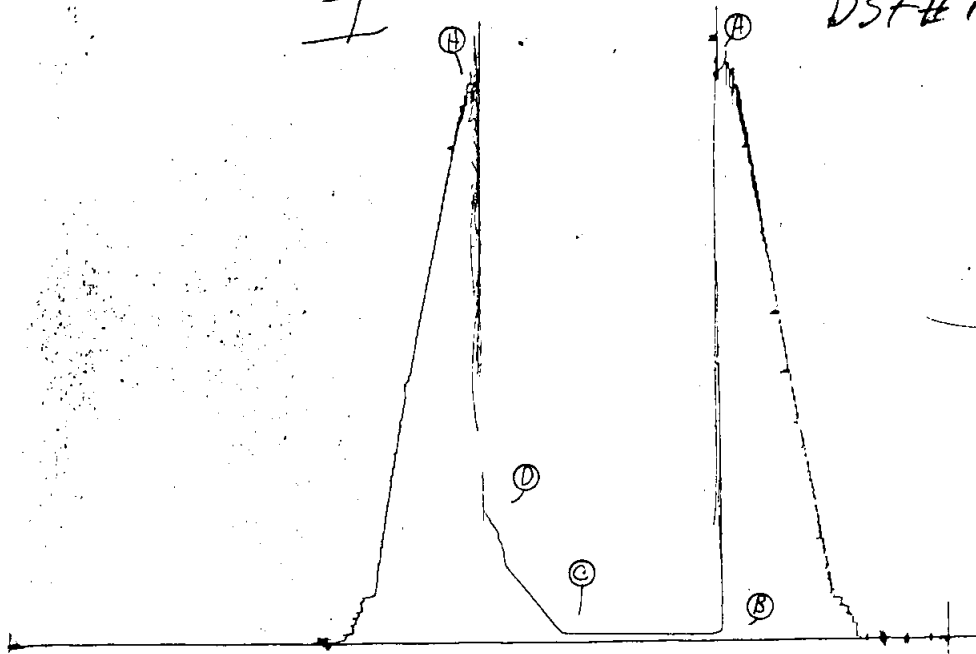
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <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>105</u>	<u>30</u>	<u>63</u>				<u>63</u>	
P 2 <u>110</u>	<u>30</u>	<u>66</u>				<u>66</u>	
P 3 <u>115</u>	<u>30</u>	<u>69</u>				<u>69</u>	
P 4 <u>120</u>		<u>72</u>				<u>72</u>	
P 5 _____		<u>75</u>				<u>75</u>	
P 6 _____		<u>78</u>				<u>78</u>	
P 7 _____		<u>81</u>				<u>81</u>	
P 8 _____		<u>84</u>				<u>84</u>	
P 9 _____		<u>87</u>				<u>87</u>	
P10 _____		<u>90</u>				<u>90</u>	
P11 _____		<u>93</u>				<u>93</u>	
P12 _____		<u>96</u>				<u>96</u>	
P13 _____		<u>99</u>				<u>99</u>	
P14 _____		<u>102</u>				<u>102</u>	
P15 _____		<u>105</u>				<u>105</u>	
P16 _____		<u>108</u>				<u>108</u>	
P17 _____		<u>111</u>				<u>111</u>	
P18 _____		<u>114</u>				<u>114</u>	
P19 _____		<u>117</u>				<u>117</u>	
P20 _____		<u>120</u>				<u>120</u>	

101 " 55 7-1

2474
DST#1

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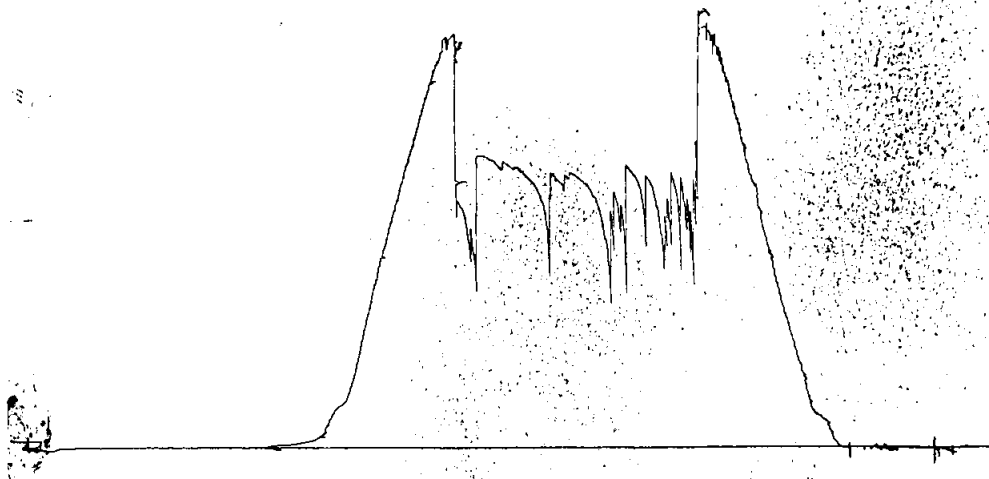


TKT# 5547

2605

Below Straddle

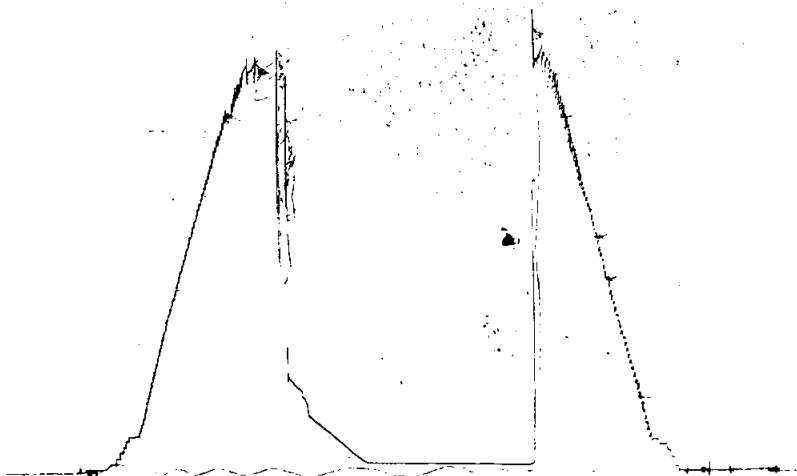
DSTH



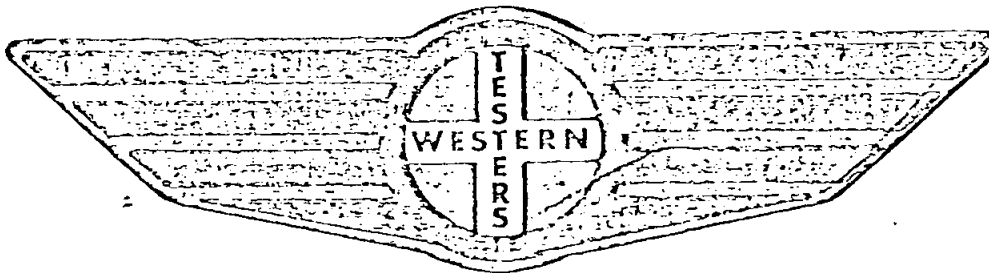
IKT# 5547

DST#1

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company J D & B PROPERTIES Lease and Well No. #1 ZELMA INSLEE Sec. 17 Twp. 31S Rge. 10W Test No. 1 Date 7/31/8

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/31/84
CUSTOMER: J.D. & B. PROPERTIES
WELL: 1 TEST: 1
ELEVATION (KB): 1711 FORMATION: MISSISSIPPI
SECTION: 17 TOWNSHIP: 31S
RANGE: 10W COUNTY: BARBER STATE: KANSAS
GAUGE SN #3474 RANGE: 3000 CLOCK: 12

INTERVAL TEST FROM: 4474 FT TO: 4481 FT TOTAL DEPTH: 4536 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4474 FT SIZE: 6 3/4 IN PACKER DEPTH: 4469 FT SIZE: 6 3/4 IN
PACKER DEPTH: 4481 FT SIZE: 6 3/4 IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES
MUD TYPE: DRISPAC VISCOSITY: 45
WEIGHT: 9.4 WATER LOSS (CC): 12.2
CHLORIDES (P.P.M.): 17000
JARS - MAKE: W.T.C. SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: 300 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4144 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 30 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 X.H. IN

BLOW: GOOD BLOW DECREASING TO FAIR

RECOVERED: 180 FT OF: GAS ABOVE FLUID
RECOVERED: 60 FT OF: OIL CUT MUD: 14% OIL
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): 12:10 A.M. TIME STARTED OFF BOTTOM: 3:10 A.M.
WELL TEMPERATURE: 136 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2236 PSI
INITIAL FLOW PERIOD MIN: 115 (B) 28 PSI TO (C) 36 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 517 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) 2227 PSI



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N° 5548

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

WICHITA, KANSAS 67201

Elevation 1711 Kb Formation Muss Eff. Pay _____ Ft.

District Augusta Date 8-1-84 Customer Order No. _____

COMPANY NAME J. D. & B Properties

ADDRESS 4932 S Peoria Tulsa OK

LEASE AND WELL NO. Zelma #1 COUNTY Barber STATE Ko Sec. 17 Twp. 31S Rge. 10W

Mail Invoice To Same #1 ZELMA INSLEE No. Copies Requested 1

Mail Charts To Same Address _____ No. Copies Requested 5

Formation Test No. 2 Interval Tested From 4578 ft. to 4635 ft. Total Depth 4635 ft.
Packer Depth 4578 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4573 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4583 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 4588 ft. Recorder Number 2605 Cap. 4150
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Habbert & Jones #6 Drill Collar Length 360 I. D. 2.25 in.
Mud Type Chgn Viscosity 45 Weight Pipe Length _____ I. D. _____ in.
Weight 9.4 Water Loss 12.2 cc. Drill Pipe Length 4188 I. D. 3.8 in.
Chlorides 17000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 in.
Jars: Make WTC Serial Number _____ Anchor Length 57 ft. Size 5 1/2 in.
Did Well Flow? no 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 1 1/2 in.

Blow: Weak blow building to fair first flow, fair blow throughout
first second flow

Recovered 120 ft. of gas in pipe
Recovered 65 ft. of heavy oil cut mud 20% Oil
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Chlorides _____ P.P.M. Sample Jars used _____ Remarks: _____

RECEIVED

Time On Location Stdy A.M. Time Off Tool 7:05 A.M. Time Off Location _____ A.M.
Time Set Packer(s) 9:25 A.M. Time Started Off Bottom _____ A.M. Maximum Temperature 136° P.M.
Initial Hydrostatic Pressure _____ (A) 2262 P.S.I.
Initial Flow Period _____ Minutes 60 (B) 53 P.S.I. to (C) 53 P.S.I.
Initial Closed In Period _____ Minutes 60 (D) 734 P.S.I.
Final Flow Period _____ Minutes 60 (E) 60 P.S.I. to (F) 63 P.S.I.
Final Closed In Period _____ Minutes 90 (G) 856 P.S.I.
Final Hydrostatic Pressure _____ (H) 2262 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 Clayton A. Kirkendall
Signature of Customer or his authorized representative

Western Representative Kenny Kirkendall 1127

FIELD INVOICE

Open Hole Test \$ 525
Misrun \$ _____
Straddle Test \$ _____
Jars \$ 300
Selective Zone \$ _____
Safety Joints \$ 65
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ _____

WESTERN TESTING CO., INC.

Pressure Data

Date 8-1

Test Ticket No. 5548

Recorder No. 3474

Capacity _____ Location _____ Ft.

Clock No. _____

Elevation _____

Well Temperature _____ °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2252</u>	P.S.I.
B First Initial Flow Pressure	<u>164</u>	P.S.I.
C First Final Flow Pressure	<u>57</u>	P.S.I.
D Initial Closed-in Pressure	<u>746</u>	P.S.I.
E Second Initial Flow Pressure	<u>69</u>	P.S.I.
F Second Final Flow Pressure	<u>73</u>	P.S.I.
G Final Closed-in Pressure	<u>865</u>	P.S.I.
H Final Hydrostatic Mud	<u>2222</u>	P.S.I.

	Time Given	Time Computed
Open Tool		M
First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.

*Plugging action on the
I.F.P. &
F.F.P.*

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 31 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>164</u>	0	<u>57</u>	0	<u>69</u>	0	<u>73</u>
P 2 5	<u>224</u>	3	<u>67</u>	5		3	<u>98</u>
P 3 10	<u>480</u>	6	<u>80</u>	10		6	<u>127</u>
P 4 15	<u>57</u>	9	<u>92</u>	15		9	<u>156</u>
P 5 20	<u>53</u>	12	<u>102</u>	20		12	<u>183</u>
P 6 25	<u>52</u>	15	<u>119</u>	25		15	<u>212</u>
P 7 30	<u>52</u>	18	<u>147</u>	30	<u>69</u>	18	<u>240</u>
P 8 35	<u>53</u>	21	<u>185</u>	35	<u>71</u>	21	<u>267</u>
P 9 40	<u>53</u>	24	<u>226</u>	40	<u>80</u>	24	<u>293</u>
P 10 45	<u>54</u>	27	<u>270</u>	45	<u>98</u>	27	<u>320</u>
P 11 50	<u>55</u>	30	<u>314</u>	50	<u>84</u>	30	<u>351</u>
P 12 55	<u>56</u>	33	<u>357</u>	55	<u>74</u>	33	<u>382</u>
P 13 60	<u>57</u>	36	<u>406</u>	60	<u>73</u>	36	<u>408</u>
P 14		39	<u>452</u>	65		39	<u>438</u>
P 15		42	<u>502</u>	70		42	<u>466</u>
P 16		45	<u>547</u>	75		45	<u>495</u>
P 17		48	<u>591</u>	80		48	<u>523</u>
P 18		51	<u>638</u>	85		51	<u>555</u>
P 19		54	<u>680</u>	90		54	<u>582</u>
P 20		57	<u>720</u>			57	<u>612</u>
		60	<u>746</u>			60	<u>641</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 5548

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.			

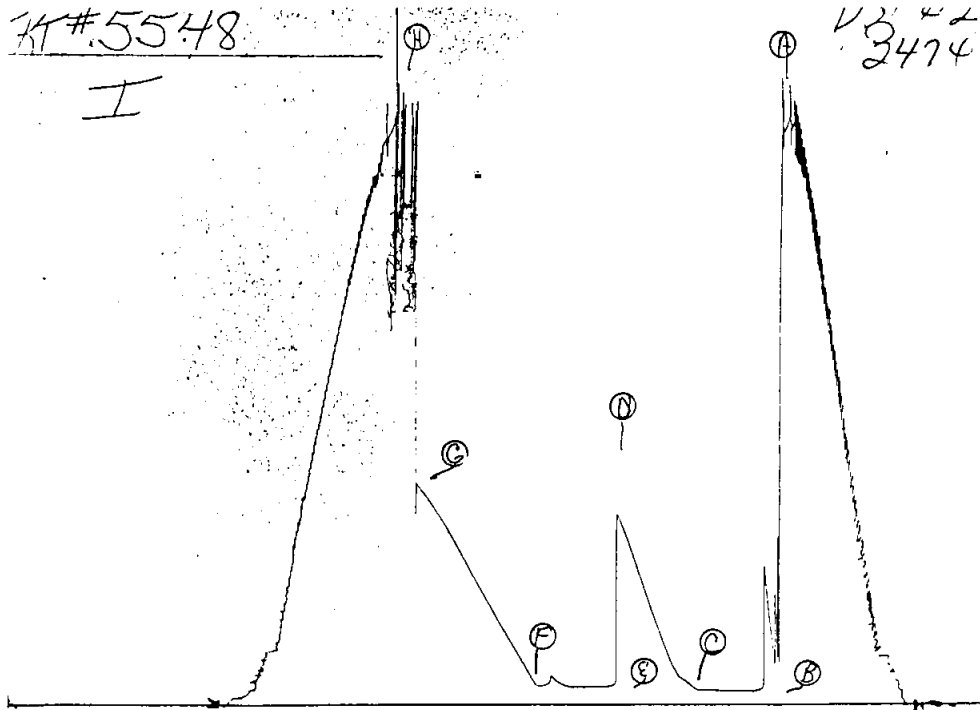
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <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 _____	_____	63 _____	_____	_____	_____	63 _____	<u>669</u>
P 2 _____	_____	66 _____	_____	_____	_____	66 _____	<u>695</u>
P 3 _____	_____	69 _____	_____	_____	_____	69 _____	<u>721</u>
P 4 _____	_____	72 _____	_____	_____	_____	72 _____	<u>746</u>
P 5 _____	_____	75 _____	_____	_____	_____	75 _____	<u>770</u>
P 6 _____	_____	78 _____	_____	_____	_____	78 _____	<u>794</u>
P 7 _____	_____	81 _____	_____	_____	_____	81 _____	<u>817</u>
P 8 _____	_____	84 _____	_____	_____	_____	84 _____	<u>838</u>
P 9 _____	_____	87 _____	_____	_____	_____	87 _____	<u>858</u>
P10 _____	_____	90 _____	_____	_____	_____	90 _____	<u>865</u>
P11 _____	_____	93 _____	_____	_____	_____	93 _____	_____
P12 _____	_____	96 _____	_____	_____	_____	96 _____	_____
P13 _____	_____	99 _____	_____	_____	_____	99 _____	_____
P14 _____	_____	102 _____	_____	_____	_____	102 _____	_____
P15 _____	_____	105 _____	_____	_____	_____	105 _____	_____
P16 _____	_____	108 _____	_____	_____	_____	108 _____	_____
P17 _____	_____	111 _____	_____	_____	_____	111 _____	_____
P18 _____	_____	114 _____	_____	_____	_____	114 _____	_____
P19 _____	_____	117 _____	_____	_____	_____	117 _____	_____
P20 _____	_____	120 _____	_____	_____	_____	120 _____	_____

KT#5548

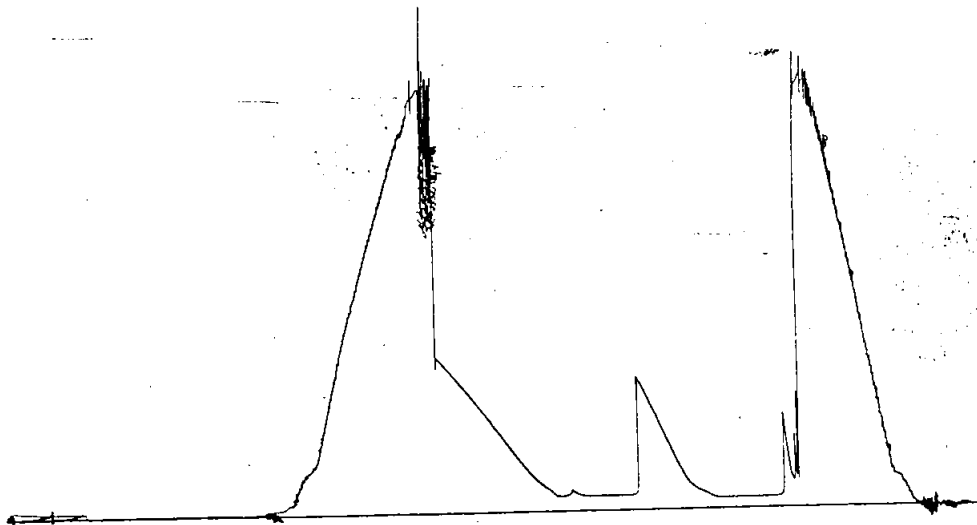
V3⁴²
3474

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TKT# 5548

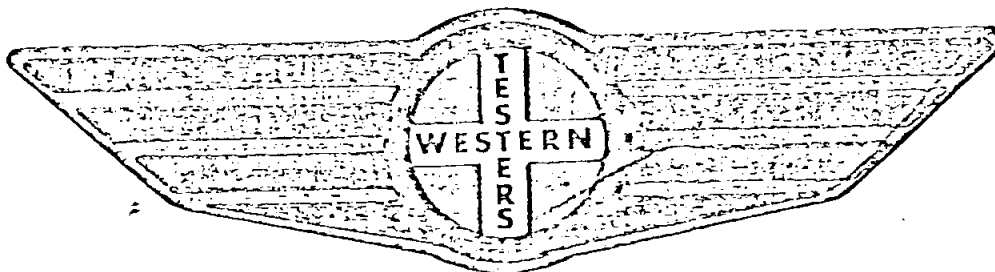
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FORMATION

TEST

REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

Company J D & B PROPERTIES Lease and Well No. #1 ZELMA INSLEE Sec. 17 Twp. 31S Rge. 10W Test No. 2 Date 8/1/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8/1/84
CUSTOMER: J.D. & B. PROPERTIES
WELL: 1
ELEVATION (KB): 1711
SECTION: 17
RANGE: 10W
GAUGE SN #3474

TEST: 2
FORMATION: MISSISSIPPI
TOWNSHIP: 31S
COUNTY: BARBER
RANGE: 3000

TICKET #5548
LEASE: ZELMA INSLEE
GEOLOGIST: AXELSEN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4578 FT TO: 4635 FT TOTAL DEPTH: 4635 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4578 FT SIZE: 6 3/4 IN PACKER DEPTH: 4573 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES
MUD TYPE: CHEMICAL VISCOSITY: 45
WEIGHT: 9.4 WATER LOSS (CC): 12.2
CHLORIDES (P.P.M.): 17000
JARS - MAKE: W.T.C. SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT?

DRILL COLLAR LENGTH: 360 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4188 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 30 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 57 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 X.H. IN

BLOW: INITIAL FLOW PERIOD: WEAK BLOW BUILDING TO
FAIR. FINAL FLOW PERIOD: FAIR BLOW THROUGHOUT.

RECOVERED: 120 FT OF: GAS ABOVE FLUID
RECOVERED: 65 FT OF: HEAVY OIL CUT MUD: 20% OIL
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: PLUGGING ACTION ON BOTH FLOW PERIODS.

TIME SET PACKER(S): 9:20
WELL TEMPERATURE: 136 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 60
INITIAL CLOSED IN PERIOD MIN: 60
FINAL FLOW PERIOD MIN: 60
FINAL CLOSED IN PERIOD MIN: 90
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM:

(A) 2252 PSI
(B) 164 PSI TO (C) 57 PSI
(D) 746 PSI
(E) 69 PSI TO (F) 73 PSI
(G) 865 PSI
(H) 2222 PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 8/1/84		TICKET #5548
CUSTOMER: J.D. & B. PROPERTIES		LEASE: ZELMA INSLEE
WELL: 1	TEST: 2	GEOLOGIST: AXELSEN
ELEVATION (KB): 1711	FORMATION: MISSISSIPPI	
SECTION: 17	TOWNSHIP: 31S	
RANGE: 10W	COUNTY: BARBER	STATE: KANSAS
GAUGE SN #3474	RANGE: 3000	CLOCK: 12

(A)	INITIAL HYDROSTATIC PRESSURE:	2252	PSI
(B)	FIRST INITIAL FLOW PRESSURE:	164	PSI
(C)	FIRST FINAL FLOW PRESSURE:	57	PSI
(D)	INITIAL CLOSED-IN PRESSURE:	746	PSI
(E)	SECOND INITIAL FLOW PRESSURE:	69	PSI
(F)	SECOND FINAL FLOW PRESSURE:	73	PSI
(G)	FINAL CLOSED-IN PRESSURE:	865	PSI
(H)	FINAL HYDROSTATIC PRESSURE:	2222	PSI
WELL TEMPERATURE:		136	'F
OPEN TOOL: 9:20			

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	60 MIN	60 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	60 MIN
SECOND FLOW PRESSURE:	60 MIN	60 MIN
FINAL CLOSED-IN PRESSURE:	90 MIN	90 MIN

PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	164	0	57	0	69	0	73
2	5	224	3	67	5	69	3	98
3	10	480	6	80	10	69	6	127
4	15	57	9	92	15	69	9	156
5	20	53	12	102	20	69	12	183
6	25	52	15	119	25	69	15	212
7	30	52	18	147	30	69	18	240
8	35	53	21	185	35	71	21	267
9	40	53	24	226	40	80	24	293
10	45	54	27	270	45	98	27	320
11	50	55	30	314	50	84	30	351
12	55	56	33	357	55	74	33	382
13	60	57	36	406	60	73	36	408
14			39	452			39	438
15			42	502			42	466
16			45	547			45	495
17			48	591			48	523
18			51	638			51	555
19			54	680			54	582
20			57	720			57	612
21			60	746			60	641
22							63	669
23							66	695
24							69	721
25							72	746
26							75	770
27							78	794
28							81	817
29							84	838
30							87	858

PRESSURE BREAKDOWN - CONT. TICKET #5548

PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
31							90	865
32								
33								
34								
35								
36								
37								
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41								
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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No

5549

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

WICHITA, KANSAS 67201

Elevation 1707 Kb

Formation Douglas

Eff. Pay Ft.

COMPANY NAME J.D. & B. Properties District Augusta Date 8-2-84 Customer Order No.

ADDRESS 4732 S Peoria Tulsa OK

LEASE AND WELL NO Zelma #1 COUNTY Barber STATE OK Sec. 17 Twp. 31S Rge. 10W

Mail Invoice To Same #1 ZELMA INSLEE Co. Name Address No. Copies Requested

Mail Charts To Same Address No. Copies Requested

Formation Test No. 3 Interval Tested From 3694 ft. to 3708 ft. Total Depth 4536 ft.
Packer Depth 3694 ft. Size 6 3/4 in. Packer Depth 3708 ft. Size 6 3/4 in.
Packer Depth 3689 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set 3875

Top Recorder Depth (Inside) 3695 ft. Recorder Number 9474 Cap. 3000
Bottom Recorder Depth (Outside) 3699 ft. Recorder Number Cap.
Below Saddle Recorder Depth 3710 ft. Recorder Number 2605 Cap. 4150

Drilling Contractor Abbott & Jones #6 Drill Collar Length 0 I. D. in.
Mud Type Drapar Viscosity 45 Weight Pipe Length 0 I. D. in.
Weight 9.4 Water Loss 12.2 cc. Drill Pipe Length 3650 3664 I. D. 3.8 in.
Chlorides 1700 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 in.
Jars: Make WTC Serial Number Anchor Length 17 ft. Size 3/4 in.
Did Well Flow? Reversed Out YES 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: have blow building to good decreasing at end of flow

Recovered 1860 ft. of Salt Water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides 87000 P.P.M. Sample Jars used Remarks:

Time On Location 11:45 A.M. Time Pick Up Tool P.M. Time Off Location P.M.

Time Set Packer(s) 9:45 A.M. Time Started Off Bottom P.M. Maximum Temperature 121°

Initial Hydrostatic Pressure (A) 1911 P.S.I.

Initial Flow Period Minutes 180 (B) 158 P.S.I. to (C) 871 P.S.I.

Initial Closed In Period Minutes 600 (D) 1264 P.S.I.

Final Flow Period Minutes 11:00 (E) TAKEN P.S.I. to (F) P.S.I.

Final Closed In Period Minutes 11:00 (G) TAKEN P.S.I.

Final Hydrostatic Pressure (H) 1911 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 Kenneth Karlendee 11/2

FIELD INVOICE

Open Hole Test \$ 595
Misrun \$
Saddle Test \$ 300
Jars \$ 300
Selective Zone \$ 300
Safety Joint \$ 65
Standby \$
Evaluation \$
Extra Packer \$ 225
Circ. Sub. \$ 35
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$

WESTERN TESTING CO., INC.

Pressure Data

Date 8-2

Test Ticket No. 5549

Recorder No. 2605

Capacity _____ Location _____ F

Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1876</u> P.S.I.		
B First Initial Flow Pressure	<u>152</u> P.S.I.	<u>180</u> Mins.	<u>190</u> Min.
C First Final Flow Pressure	<u>888</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Min.
D Initial Closed-in Pressure	<u>1277</u> P.S.I.		
E Second Initial Flow Pressure	_____ P.S.I.		
F Second Final Flow Pressure	_____ P.S.I.		
G Final Closed-in Pressure	_____ P.S.I.		
H Final Hydrostatic Mud	<u>1760</u> P.S.I.		

Open Tool _____ M
 First Flow Pressure _____
 Initial Closed-in Pressure _____
 Second Flow Pressure _____
 Final Closed-in Pressure _____

Slight plugging action on I.F.P.

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 39 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 21 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

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

Final Shut-In
 Breakdown: 0 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>152</u>	0	<u>888</u>	0		0	
P 2 5	<u>203</u>	3	<u>1108</u>	5		3	
P 3 10	<u>197</u>	6	<u>1147</u>	10		6	
P 4 15	<u>205</u>	9	<u>1170</u>	15		9	
P 5 20	<u>230</u>	12	<u>1193</u>	20		12	
P 6 25	<u>255</u>	15	<u>1210</u>	25		15	
P 7 30	<u>288</u>	18	<u>1226</u>	30		18	
P 8 35	<u>315</u>	21	<u>1239</u>	35		21	
P 9 40	<u>340</u>	24	<u>1245</u>	40		24	
P10 45	<u>366</u>	27	<u>1250</u>	45		27	
P11 50	<u>393</u>	30	<u>1255</u>	50		30	
P12 55	<u>417</u>	33	<u>1259</u>	55		33	
P13 60	<u>444</u>	36	<u>1262</u>	60		36	
P14 65	<u>469</u>	39	<u>1265</u>	65		39	
P15 70	<u>493</u>	42	<u>1268</u>	70		42	
P16 75	<u>516</u>	45	<u>1270</u>	75		45	
P17 80	<u>538</u>	48	<u>1272</u>	80		48	
P18 85	<u>560</u>	51	<u>1274</u>	85		51	
P19 90	<u>579</u>	54	<u>1275</u>	90		54	
P20 95	<u>599</u>	57	<u>1276</u>			57	
100	<u>620</u>	60	<u>1277</u>			60	

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 5549

Recorder No. _____ Capacity _____ Location _____ F

Clock No. _____ Elevation _____ Well Temperature _____ °

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. _____	Min _____
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure _____	Mins. _____	Min _____
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure _____	Mins. _____	Min _____
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure _____	Mins. _____	Min _____
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

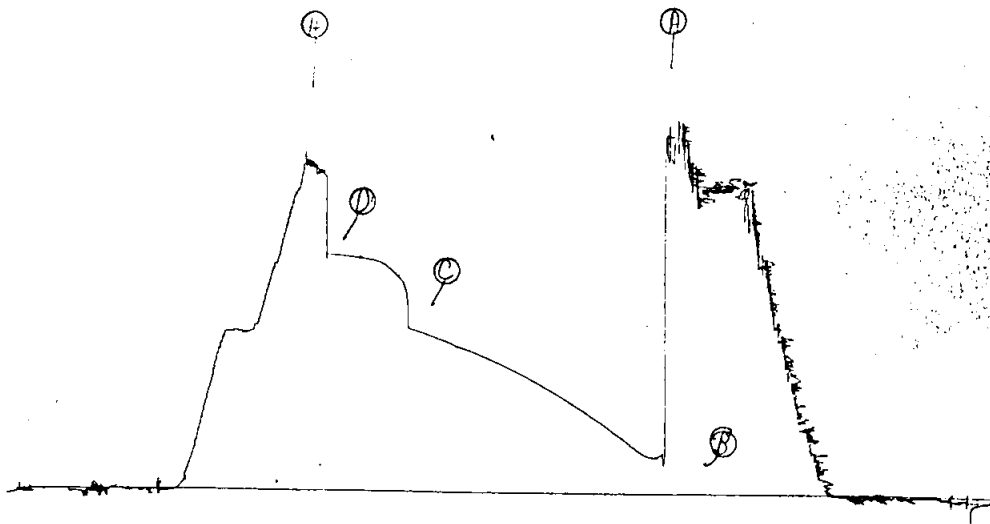
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final 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>105</u>	<u>639</u>	<u>63</u>				<u>63</u>	
P 2 <u>110</u>	<u>657</u>	<u>66</u>				<u>66</u>	
P 3 <u>115</u>	<u>675</u>	<u>69</u>				<u>69</u>	
P 4 <u>120</u>	<u>693</u>	<u>72</u>				<u>72</u>	
P 5 <u>125</u>	<u>709</u>	<u>75</u>				<u>75</u>	
P 6 <u>130</u>	<u>725</u>	<u>78</u>				<u>78</u>	
P 7 <u>135</u>	<u>740</u>	<u>81</u>				<u>81</u>	
P 8 <u>140</u>	<u>756</u>	<u>84</u>				<u>84</u>	
P 9 <u>145</u>	<u>771</u>	<u>87</u>				<u>87</u>	
P10 <u>150</u>	<u>784</u>	<u>90</u>				<u>90</u>	
P11 <u>155</u>	<u>796</u>	<u>93</u>				<u>93</u>	
P12 <u>160</u>	<u>813</u>	<u>96</u>				<u>96</u>	
P13 <u>165</u>	<u>826</u>	<u>99</u>				<u>99</u>	
P14 <u>170</u>	<u>840</u>	<u>102</u>				<u>102</u>	
P15 <u>175</u>	<u>853</u>	<u>105</u>				<u>105</u>	
P16 <u>180</u>	<u>866</u>	<u>108</u>				<u>108</u>	
P17 <u>185</u>	<u>877</u>	<u>111</u>				<u>111</u>	
P18 <u>190</u>	<u>888</u>	<u>114</u>				<u>114</u>	
P19 _____		<u>117</u>				<u>117</u>	
P20 _____		<u>120</u>				<u>120</u>	

TKI #5544

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2605

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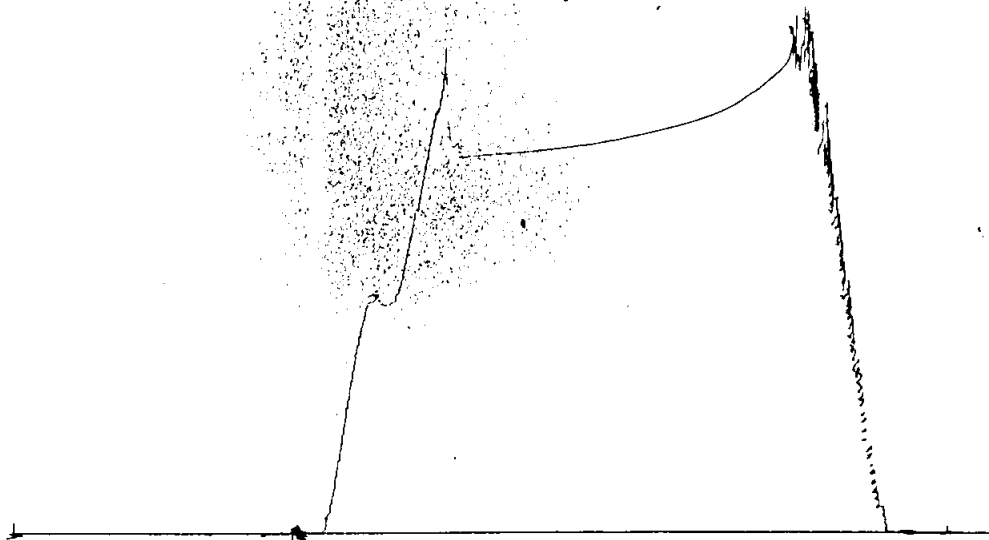


TKT # 5549

Below straddle

3474

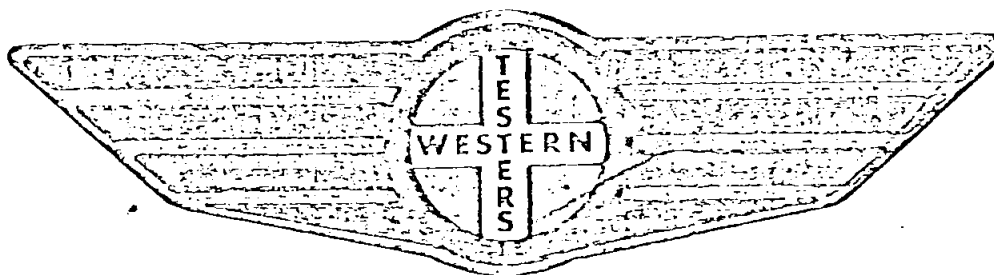
DST #3



FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company J D & B PROPERTIES Lease and Well No. #1 ZELMA INSLEE Sec. 17 Twp. 31S Rge. 10W Test No. 3 Date 8/2/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8/2/84
CUSTOMER: J.D. & B. PROPERTIES
WELL: 1 TEST: 3
ELEVATION (KB): 1707 FORMATION: DOUGLAS
SECTION: 17 TOWNSHIP: 31S
RANGE: 10W COUNTY: BARBER STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 3694 FT TO: 3708 FT TOTAL DEPTH: 4536 FT
DEPTH OF SELECTIVE ZONE: 3875 FT
PACKER DEPTH: 3694 FT SIZE: 6 3/4 IN PACKER DEPTH: 3689 FT SIZE: 6 3/4 IN
PACKER DEPTH: 3708 FT SIZE: 6 3/4 IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES
MUD TYPE: DRISPAC VISCOSITY: 45
WEIGHT: 9.4 WATER LOSS (CC): 12.2
CHLORIDES (P.P.M.): 1700
JARS - MAKE: W.T.C. SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT? YES
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3664 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 30 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 14 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 X.H. IN

BLOW: FAIR BLOW BUILDING TO GOOD DECREASING AT END
OF FLOW PERIOD.

RECOVERED: 1860	FT	OF: SALT WATER
RECOVERED:	FT	OF: CHLORIDES 87000 PPM
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS: SLIGHT PLUGGING ACTION ON INITIAL FLOW PERIOD.

TIME SET PACKER(S): 9:45	TIME STARTED OFF BOTTOM:
WELL TEMPERATURE: 121 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 1876 PSI
INITIAL FLOW PERIOD MIN: 190	(B) 152 PSI TO (C) 888 PSI
INITIAL CLOSED IN PERIOD MIN: 60	(D) 1277 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) 1760 PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 8/2/84
CUSTOMER: J.D. & B. PROPERTIES
WELL: 1 TEST: 3
ELEVATION (KB): 1707 FORMATION: DOUGLAS
SECTION: 17 TOWNSHIP: 31S
RANGE: 10W COUNTY: BARBER STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 1876 PSI
(B) FIRST INITIAL FLOW PRESSURE: 152 PSI
(C) FIRST FINAL FLOW PRESSURE: 898 PSI
(D) INITIAL CLOSED-IN PRESSURE: 1277 PSI
(E) SECOND INITIAL FLOW PRESSURE: 0 PSI
(F) SECOND FINAL FLOW PRESSURE: 0 PSI
(G) FINAL CLOSED-IN PRESSURE: 0 PSI
(H) FINAL HYDROSTATIC PRESSURE: 1760 PSI
WELL TEMPERATURE: 121 °F
OPEN TOOL: 9:45

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	180 MIN	190 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	60 MIN
SECOND FLOW PRESSURE:	MIN	0 MIN
FINAL CLOSED-IN PRESSURE:	MIN	0 MIN

PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	152	0	898	0	0	0	0
2	5	203	3	1108				
3	10	197	6	1147				
4	15	205	9	1170				
5	20	230	12	1193				
6	25	255	15	1210				
7	30	288	18	1226				
8	35	315	21	1239				
9	40	340	24	1245				
10	45	366	27	1250				
11	50	393	30	1255				
12	55	417	33	1259				
13	60	444	36	1262				
14	65	469	39	1265				
15	70	493	42	1268				
16	75	516	45	1270				
17	80	538	48	1272				
18	85	560	51	1274				
19	90	579	54	1275				
20	95	599	57	1276				
21	100	620	60	1277				
22	105	639						
23	110	657						
24	115	675						
25	120	693						
26	125	709						
27	130	725						
28	135	740						
29	140	756						
30	145	771						

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