

Company IPI, Inc. Lease & Well No. Dyer #6
 Elevation 966 Ground Level 1 Formation Mississippi Effective Pay - Ft. Ticket No. 3691
 Date 6-7-80 Sec. 33 Twp. 31S Range 12E County Elk State Kansas
 Test Approved by Galen M. Munroe Western Representative Kenneth Kirkendall

Formation Test No. 1 Interval Tested from 1585 ft. to 1609 ft. Total Depth 1609 ft.
 Packer Depth 1585 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 1580 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set =
 Top Recorder Depth (Inside) 1600 ft. Recorder Number 5666 Cap. 3950
 Bottom Recorder Depth (Outside) 1603 ft. Recorder Number 10980 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor IPI (#2) Drill Collar Length - I. D. - in.
 Mud Type Chemcial Viscosity 34 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss - cc. Drill Pipe Length 1565 I. D. - in.
 Chlorides - P.P.M. Test Tool Length 20 ft. Tool Size 4 1/2 in.
 Jars: Make - Serial Number - Anchor Length 24 ft. Size 4 1/2 in.
 Did Well Flow? No Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 6 1/4 in. Tool Joint Size 3 1/2 in.

Blow: Good blow decreasing to fair blow on initial flow period. WEak blow died in 5 minutes on second flow period.

Recovered 1149 ft. of muddy salt water
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

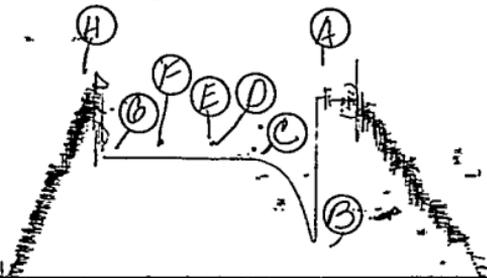
Remarks: Operator has outside chart #10980.

Time Set Packer(s) 12:30 A.M. P.M. Time Started Off Bottom 2:30 A.M. P.M. Maximum Temperature -
 Initial Hydrostatic Pressure (A) 743 P.S.I.
 Initial Flow Period Minutes 30 (B) 148 P.S.I. to (C) 483 P.S.I.
 Initial Closed In Period Minutes 30 (D) 493 P.S.I.
 Final Flow Period Minutes 30 (E) 493 P.S.I. to (F) 498 P.S.I.
 Final Closed In Period Minutes 33 (G) 500 P.S.I.
 Final Hydrostatic Pressure (H) 737 P.S.I.

5666

TR# 3691

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WESTERN TESTING CO., INC.
Pressure Data

Date 6-7-80 Recorder No. 5666 Capacity 3950 Test Ticket No. 3691
 Location 1600 Ft.
 Clock No. - Elevation 966 Ground Level Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	743	P.S.I.	12:30P.	M
B First Initial Flow Pressure	148	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	483	P.S.I.	30	Mins. 30 Mins.
D Initial Closed-in Pressure	493	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	493	P.S.I.	30	Mins. 33 Mins.
F Second Final Flow Pressure	498	P.S.I.		
G Final Closed-in Pressure	500	P.S.I.		
H Final Hydrostatic Mud	737	P.S.I.		

PRESSURE BREAKDOWN

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

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

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

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

Point	Press.	Point	Press.	Point	Press.	Point	Press.
Mins.		Minutes		Minutes		Minutes	
P 1	148	0	483	0	493	0	498
P 2	238	3	491	5	493	3	498
P 3	338	6	493	10	495	6	499
P 4	398	9	493	15	495	9	499
P 5	442	12	493	20	497	12	500
P 6	466	15	493	25	497	15	500
P 7	483	18	493	30	498	18	500
P 8		21	493			21	500
P 9		24	493			24	500
P10		27	493			27	500
P11		30	493			30	500
P12						33	500
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 3691

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

Elevation 9665L Formation Miss Eff. Pay Ft.

District Augusta Date June 7 1980 Customer Order No.

COMPANY NAME IPI inc

ADDRESS 1225 Longfellow Wichita, Ks

LEASE AND WELL NO Deiser # 600 COUNTY Elk STATE Ks Sec 33 Twp 31S Rge 12E

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

Mail Charts To Same Address No. Copies Requested 5

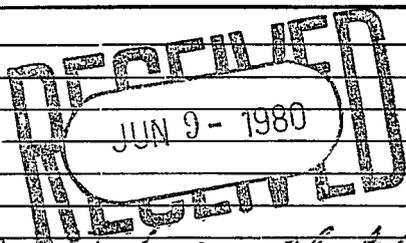
Formation Test No 1 Interval Tested from 1585 ft. to 1609 ft. Total Depth 1609 ft. Packer Depth 1585 ft. Size 5 in. Packer Depth 1580 ft. Size 5 in. Packer Depth - ft. Size - in. Depth of Selective Zone Set -

Top Recorder Depth (Inside) 1600 ft. Recorder Number 5666 Cap 3950 Bottom Recorder Depth (Outside) 1603 ft. Recorder Number 10980 Cap 4200 Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor IPI Rig # 2 Drill Collar Length - I. D. - in. Mud Type Chem Viscosity 34 Weight Pipe Length - I. D. - in. Weight 9.2 Water Loss cc. Drill Pipe Length 1565 I. D. - in. Chlorides P.P.M. Test Tool Length 20 ft. Tool Size 4 1/2 in. Jars: Make NO Serial Number - Anchor Length 24 ft. Size 4 1/2 in. Did Well Flow? NO Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in. Main Hole Size 6 1/4 in. Tool Joint Size 3 1/2 in.

Blow: Good blow decreasing to fair first flow, weak blow die in 5 min second flow

Recovered 1149 ft. of muddy salt water Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of



Remarks: Operator has chart 10980 (on location to him) Pickup tool 11:15 AM Job completed 6:00 PM

Table with columns: Time Set Packer(s), AM/P.M., Time Started Off Bottom, AM/P.M., Maximum Temperature. Rows include Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, Final Hydrostatic Pressure.

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 Kenney Kendall

FIELD INVOICE

Table with columns: Item, Price. Items include Open Hole Test (\$550.00), Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub. (\$30.00), Mileage (85 x 1.75 = \$148.75), Fluid Sampler, Extra Charts, TOTAL (\$643.75).

Do not find

WESTERN TESTING CO., INC.
Pressure Data

Date 6-7-80 Test Ticket No. 3691
 Recorder No. 5666 Capacity 3950 Location 1600 Ft.
 Clock No. _____ Elevation 966 G.L. Well Temperature _____ °F

Point	Pressure			Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>743</u>	P.S.I.	Open Tool	<u>12:30P</u> M	
B First Initial Flow Pressure	<u>148</u>	P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>483</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>493</u>	P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>493</u>	P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>498</u>	P.S.I.			
G Final Closed-in Pressure	<u>500</u>	P.S.I.			
H Final Hydrostatic Mud	<u>737</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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>0</u>	<u>483</u>	<u>0</u>	<u>493</u>	<u>0</u>	<u>498</u>
P 2	<u>5</u>	<u>3</u>	<u>491</u>	<u>5</u>	<u>493</u>	<u>3</u>	<u>498</u>
P 3	<u>10</u>	<u>6</u>	<u>493</u>	<u>10</u>	<u>495</u>	<u>6</u>	<u>499</u>
P 4	<u>15</u>	<u>9</u>	<u>493</u>	<u>15</u>	<u>496</u>	<u>9</u>	<u>499</u>
P 5	<u>20</u>	<u>12</u>	<u>493</u>	<u>20</u>	<u>497</u>	<u>12</u>	<u>500</u>
P 6	<u>25</u>	<u>15</u>	<u>493</u>	<u>25</u>	<u>497</u>	<u>15</u>	<u>500</u>
P 7	<u>30</u>	<u>18</u>	<u>493</u>	<u>30</u>	<u>498</u>	<u>18</u>	<u>500</u>
P 8	<u>35</u>	<u>21</u>	<u>493</u>	<u>35</u>	<u>498</u>	<u>21</u>	<u>500</u>
P 9	<u>40</u>	<u>24</u>	<u>493</u>	<u>40</u>	<u>498</u>	<u>24</u>	<u>500</u>
P 10	<u>45</u>	<u>27</u>	<u>493</u>	<u>45</u>	<u>498</u>	<u>27</u>	<u>500</u>
P 11	<u>50</u>	<u>30</u>	<u>493</u>	<u>50</u>	<u>498</u>	<u>30</u>	<u>500</u>
P 12	<u>55</u>	<u>33</u>	<u>493</u>	<u>55</u>	<u>498</u>	<u>33</u>	<u>500</u>
P 13	<u>60</u>	<u>36</u>	<u>493</u>	<u>60</u>	<u>498</u>	<u>36</u>	<u>500</u>
P 14		<u>39</u>	<u>493</u>	<u>65</u>	<u>498</u>	<u>39</u>	<u>500</u>
P 15		<u>42</u>	<u>493</u>	<u>70</u>	<u>498</u>	<u>42</u>	<u>500</u>
P 16		<u>45</u>	<u>493</u>	<u>75</u>	<u>498</u>	<u>45</u>	<u>500</u>
P 17		<u>48</u>	<u>493</u>	<u>80</u>	<u>498</u>	<u>48</u>	<u>500</u>
P 18		<u>51</u>	<u>493</u>	<u>85</u>	<u>498</u>	<u>51</u>	<u>500</u>
P 19		<u>54</u>	<u>493</u>	<u>90</u>	<u>498</u>	<u>54</u>	<u>500</u>
P 20		<u>57</u>	<u>493</u>			<u>57</u>	<u>500</u>
		<u>60</u>	<u>493</u>			<u>60</u>	<u>500</u>