



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No

7810

P. O. BOX 1599

PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation

1317 KB

Formation

Kansas City

Eff. Pay

Ft.

District

Augusta

Date

10-30

Customer Order No.

COMPANY NAME

Dupont Oil Company

ADDRESS

660 Edgewater Rd. Wichita, Ks. 67230

LEASE AND WELL NO.

Hamlin #1

COUNTY

Cowley

STATE

Ks.

Sec.

36

Twp

30s

Rge

4E

Mail Invoice To

Co. Name

Same

Address

No. Copies Requested

1

Mail Charts To

Same

Address

No. Copies Requested

5

Formation Test No.

1

Interval Tested from

2331

ft. to

2350

ft.

Total Depth

2350

ft.

Packer Depth

2326

ft.

Size

5 1/2 in.

Packer Depth

ft.

Size

ft.

Size

in.

Packer Depth

2331

ft.

Size

5 1/2 in.

Packer Depth

ft.

Size

ft.

Size

in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

2342

ft.

Recorder Number

3354

Cap.

4200

Bottom Recorder Depth (Outside)

2345

ft.

Recorder Number

10980

Cap.

4200

Below Straddle Recorder Depth

-

ft.

Recorder Number

-

Cap.

-

Drilling Contractor

EDCO

Rig #1

Drill Collar Length

266

I. D.

2

in.

Mud Type

Chem

Viscosity

48

Weight Pipe Length

127

I. D.

2

in.

Weight

9.0

Water Loss

10.4 cc.

Drill Pipe Length

1932

I. D.

2 1/2

in.

Chlorides

1800

P.P.M.

Test Tool Length

20

ft.

Tool Size

DD 4 1/2

in.

Jars: Make

NO

Serial Number

-

Anchor Length

19

ft.

Size

DD 4 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

6 1/4

in.

Tool Joint Size

3 1/2 IF

in.

Blow: Very Weak 11 min, NO Blow Than Out Rest of Test

Recovered

2

ft. of

DRILL mud - NO oil specks - slight Rainbow

Recovered

ft. of

Recovered

ft. of

Recovered

ft. of

Recovered

ft. of

Remarks:

Flushed tool on second opening

Chart # 10980 left w/ operator @ location

Time On Location

10:30

P.M.

Time Pick Up Tool

11:30

A.M.

Time Off Location

7:30

A.M.

Time Set Packer(s)

1:15

A.M.

Time Started Off Bottom

4:15

A.M.

Maximum Temperature

101

Initial Hydrostatic Pressure

(A)

1128

P.S.I.

Initial Flow Period

Minutes

45

(B)

21

P.S.I. to (C)

21

P.S.I.

Initial Closed In Period

Minutes

45

(D)

685

P.S.I.

Final Flow Period

Minutes

45

(E)

21

P.S.I. to (F)

21

P.S.I.

Final Closed In Period

Minutes

45

(G)

643

P.S.I.

Final Hydrostatic Pressure

(H)

1097

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

Allen Edgington

FIELD INVOICE

Open Hole Test

\$ 550.00

Misrun

\$

Straddle Test

\$

Jars

\$

Selective Zone

\$

Safety Joint

\$

Standby

\$

Evaluation

\$

Extra Packer

\$

Circ. Sub.

\$

Mileage

\$

Fluid Sampler

\$

Extra Charts

\$

Insurance

\$

TOTAL

\$ 574.00

WESTERN TESTING CO., INC.

Pressure Data

Date 10-30 Recorder No. 3354 Capacity 4200 Location 2342 Ft.
 Clock No. Elevation 1317 KB Well Temperature 101 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1127</u> P.S.I.	<u>1:15</u> A _M	
B First Initial Flow Pressure	<u>25</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>25</u> P.S.I.	<u>45</u> Mins.	<u>48</u> Mins.
D Initial Closed-in Pressure	<u>688</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>42</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>21</u> P.S.I.		
G Final Closed-in Pressure	<u>650</u> P.S.I.		
H Final Hydrostatic Mud	<u>1101</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>16</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>15</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>25</u>	<u>0</u>	<u>25</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>21</u>
P 2 <u>5</u>		<u>3</u>	<u>25</u>	<u>5</u>	<u>23</u>	<u>3</u>	<u>23</u>
P 3 <u>10</u>		<u>6</u>	<u>27</u>	<u>10</u>	<u>23</u>	<u>6</u>	<u>27</u>
P 4 <u>15</u>		<u>9</u>	<u>32</u>	<u>15</u>	<u>23</u>	<u>9</u>	<u>38</u>
P 5 <u>20</u>		<u>12</u>	<u>39</u>	<u>20</u>	<u>21</u>	<u>12</u>	<u>55</u>
P 6 <u>25</u>		<u>15</u>	<u>53</u>	<u>25</u>		<u>15</u>	<u>84</u>
P 7 <u>30</u>		<u>18</u>	<u>91</u>	<u>30</u>		<u>18</u>	<u>133</u>
P 8 <u>35</u>		<u>21</u>	<u>152</u>	<u>35</u>		<u>21</u>	<u>196</u>
P 9 <u>40</u>		<u>24</u>	<u>234</u>	<u>40</u>		<u>24</u>	<u>272</u>
P10 <u>45</u>	<u>25</u>	<u>27</u>	<u>308</u>	<u>45</u>	<u>21</u>	<u>27</u>	<u>348</u>
P11 <u>50</u>		<u>30</u>	<u>401</u>	<u>50</u>		<u>30</u>	<u>411</u>
P12 <u>55</u>		<u>33</u>	<u>470</u>	<u>55</u>		<u>33</u>	<u>487</u>
P13 <u>60</u>		<u>36</u>	<u>546</u>	<u>60</u>		<u>36</u>	<u>542</u>
P14		<u>39</u>	<u>601</u>	<u>65</u>		<u>39</u>	<u>587</u>
P15		<u>42</u>	<u>646</u>	<u>70</u>		<u>42</u>	<u>624</u>
P16		<u>45</u>	<u>671</u>	<u>75</u>		<u>45</u>	<u>650</u>
P17		<u>48</u>	<u>688</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>	

Company Dupont Oil Company Lease & Well No. Hamlin #1
Elevation 1317 Kelly Bushing Kansas City Effective Pay - Ft. Ticket No. 7810
Date 10-30-80 Sec. 36 Twp. 30S Range 4E County Cowley State Kansas
Test Approved by Paul DuPont Western Representative Allen Edgington

Formation Test No. 1 Interval Tested from 2331 ft. to 2350 ft. Total Depth 2350 ft.

Packer Depth 2326 ft. Size 5½ in. Packer Depth - ft. Size - in.

Packer Depth 2331 ft. Size 5½ in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2342 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 2345 ft. Recorder Number 10980 Cap. 4200

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

Drilling Contractor Edco Rig #1 Drill Collar Length 266 I. D. 2 in.

Mud Type Chemical Viscosity 48 Weight Pipe Length 127 I. D. 2 in.

Weight 9.0 Water Loss 10.4 cc. Drill Pipe Length 1932 I. D. 2½ in.

Chlorides 1800 P.P.M. Test Tool Length 20 ft. Tool Size 4½OD in.

Jars: Make No Serial Number - Anchor Length 19 ft. Size 4½OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 6¼ in. Tool Joint Size 3½IF in.

Blow: Very weak 11 minutes - no blow throughout rest of test.

Recovered 2 ft. of drilling mud - no oil specks - very slightly rainbow.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 1:15 A.M. Time Started Off Bottom 4:15 A.M. Maximum Temperature 101

Initial Hydrostatic Pressure (A) 1127 P.S.I.

Initial Flow Period Minutes 45 (B) 25 P.S.I. to (C) 25 P.S.I.

Initial Closed In Period Minutes 48 (D) 688 P.S.I.

Initial Flow Period Minutes 45 (E) 42 P.S.I. to (F) 21 P.S.I.

Initial Closed In Period Minutes 45 (G) 650 P.S.I.

Initial Hydrostatic Pressure (H) 1101 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10/30/80 Test Ticket No. 7810
 Recorder No. 3354 Capacity 4200 Location 2342 Ft
 Clock No. --- Elevation 1317 Kelly Bushing Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1127	P.S.I.	1:15A	M
B First Initial Flow Pressure	25	P.S.I.	45	Mins. 45 Mins.
C First Final Flow Pressure	25	P.S.I.	45	Mins. 48 Mins.
D Initial Closed-in Pressure	688	P.S.I.	45	Mins. 45 Mins.
E Second Initial Flow Pressure	42	P.S.I.	45	Mins. 45 Mins.
F Second Final Flow Pressure	21	P.S.I.		
G Final Closed-in Pressure	650	P.S.I.		
H Final Hydrostatic Mud	1101	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>16</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>15</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>25</u>	<u>0</u>	<u>25</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>21</u>
P 2 <u>5</u>	<u>25</u>	<u>3</u>	<u>25</u>	<u>5</u>	<u>23</u>	<u>3</u>	<u>23</u>
P 3 <u>10</u>	<u>25</u>	<u>6</u>	<u>27</u>	<u>10</u>	<u>23</u>	<u>6</u>	<u>27</u>
P 4 <u>15</u>	<u>25</u>	<u>9</u>	<u>32</u>	<u>15</u>	<u>23</u>	<u>9</u>	<u>38</u>
P 5 <u>20</u>	<u>25</u>	<u>12</u>	<u>39</u>	<u>20</u>	<u>21</u>	<u>12</u>	<u>55</u>
P 6 <u>25</u>	<u>25</u>	<u>15</u>	<u>53</u>	<u>25</u>	<u>21</u>	<u>15</u>	<u>84</u>
P 7 <u>30</u>	<u>25</u>	<u>18</u>	<u>91</u>	<u>30</u>	<u>21</u>	<u>18</u>	<u>133</u>
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P 9 <u>40</u>	<u>25</u>	<u>24</u>	<u>234</u>	<u>40</u>	<u>21</u>	<u>24</u>	<u>272</u>
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P14		<u>39</u>	<u>601</u>			<u>39</u>	<u>587</u>
P15		<u>42</u>	<u>646</u>			<u>42</u>	<u>624</u>
P16		<u>45</u>	<u>671</u>			<u>45</u>	<u>650</u>
P17		<u>48</u>	<u>688</u>				
P18							
P19							
P20							

TK-#7810

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27-1

